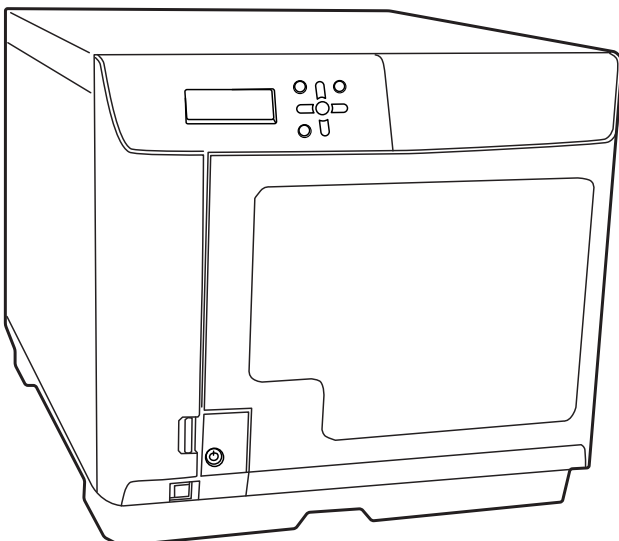


EPSON

PP-100NII

User's Guide

M00133203EN



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Marks used in this guide

The following marks are used in this guide to indicate important information.



Indicates information with which you must comply when using this product. Ignoring this information and mishandling the product may cause it to fail or malfunction.

Notes

Indicates an additional explanation or information we want you to know.

Screens and Procedures in This Guide

Depending on your environment, the screen shots used in this guide may differ from the actual screens displayed. However, you can still use the same procedures described in this guide.

Organization of this manual

The following instruction guides are included with this product.

PP-100NII Setup Guide	Briefly describes how to set up this product with illustrations. See the PP-100NII Administrator's Guide for more information.
PP-100NII User's Guide (PDF)	Presents detailed information users need to know such as how to install the software, the product functions and operations, as well as maintenance information.
PP-100NII Administrator's Guide (PDF)	Presents detailed information necessary for setting up, operating, and managing this product. It also describes how to troubleshoot various problems. It is included on the Discproducer Utility & Documents Disc.

Table of Contents

Trademarks.....	2
Marks used in this guide.....	2
Screens and Procedures in This Guide	2
Organization of this manual	3

Before Using This Product..... 7

■ For safe use	7
Cautions for the power source.....	9
Cautions for using	10
■ Cautions for CD/DVD/BD discs	12
■ Uses of this product.....	12
■ Incidental loss arising from the use of this product.....	12
■ Restriction of Use	12
■ Continuous operation of this product	12
■ Open source software license.....	12

Part Names and Functions... 13

■ Checking the status of this product using the indicator light display	16
■ Basic operations	17
Turning on the power	17
Turning off the power	18
Unlocking the disc cover	19
Opening the disc cover	20
Closing the disc cover	20
Handling stackers	21

Preparation 24

■ Installing the software.....	24
Before installation.....	24
Installation.....	27
■ Registering the product.....	32
■ Checking and changing user information... 35	
Checking user information	35
Changing user information.....	36

Changing password.....	37
■ Uninstalling the software	38

Using Applications 40

■ EPSON Total Disc Maker.....	40
What is EPSON Total Disc Maker?	40
Starting EPSON Total Disc Maker.....	40
Displaying Help of EPSON Total Disc Maker.....	41
Screen configuration of EPSON Total Disc Maker.....	42
■ EPSON Total Disc Setup	44
What is EPSON Total Disc Setup?	44
Starting EPSON Total Disc Setup	44
Displaying Help of EPSON Total Disc Setup	45
Screen configuration of EPSON Total Disc Setup	46
■ EPSON Total Disc Monitor	50
What is EPSON Total Disc Monitor?	50
Starting EPSON Total Disc Monitor	50
Displaying Help of EPSON Total Disc Monitor..	51
Screen configuration of EPSON Total Disc Monitor.....	52
■ EPSON Total Disc Net Administrator	55
What is EPSON Total Disc Net Administrator? .	55
Logging in to EPSON Total Disc Net Administrator	55
Logging out from EPSON Total Disc Net Administrator	56
Displaying Help of EPSON Total Disc Net Administrator	56
Screen configuration of EPSON Total Disc Net Administrator	57

How to Use the Printer Driver 62

■ What is the Printer Driver?.....	62
■ Displaying the printer driver screen.....	62
Displaying from EPSON Total Disc Maker	62
Displaying from EPSON Total Disc Setup.....	63
Displaying from the [Start] menu.....	64

■ Setting up the printer driver.....	65
[Main] screen	65
[Utility] screen	67
■ Printer Driver Basics	68
■ Displaying the printer driver Help	72

Publishing Discs 73

■ Types of Publish Mode.....	73
Standard Mode.....	73
External Output Mode.....	74
Batch Mode	75
■ Compatible disc types	76
Printable disc types.....	76
Writable disc types	77
■ Handling discs.....	79
Notes on usage	79
Notes on storage	80
■ Printable area.....	81
Changing the print area	82
■ Flow for Publishing Discs.....	87
Loading discs.....	88
Registering write data	90
Creating labels.....	94
Publishing discs	106
Taking out discs	109
■ Performing job operations.....	112
Checking job information	112
Checking the job processing status	113
Pausing jobs.....	114
Resuming jobs.....	115
Canceling jobs.....	116
Priority Publishing	117
■ Convenient features.....	118
Creating labels using your own images	118
Creating label templates.....	121
Creating copies directly from discs.....	122
Creating copies from disc image files	124
Creating same discs as published discs.....	126
Adjusting print colors	130
Printing labels/Writing data using the Merge function.....	132

Maintenance 146

■ Checking maintenance information.....	146
Checking device information	146
Downloading operation log.....	147
■ Changing the ink cartridge.....	148
Checking the ink levels.....	148
Replacing the ink cartridges	149
■ Checking the print head nozzles.....	152
How to perform a nozzle check	152
Checking the nozzle check results	154
■ Cleaning the print head.....	155
How to clean the print head	156
■ Print head alignment	158
■ Correcting the printing position.....	160
■ Periodic cleaning.....	163
Cleaning the exterior	163
Cleaning the interior.....	163
Cleaning the air vents	164
■ Replacing the ink pad.....	166
How to check when it is time to replace the ink pad.....	166
■ Precautions for Transporting Your Product	167

Troubleshooting..... 169

■ Error messages and remedies	169
■ Problems and their remedies.....	175
Power/control panel problems	175
Disc writing problems	177
Label printing problems	178
Password problems	180
Other problems	180
■ Checking with EPSON Total Disc Monitor	182
■ When discs cannot be published.....	184

Appendix 186










■ Product specifications	186
Basic specifications.....	186
■ Ink and Disc	192
Ink cartridges	192
Discs	192

Before Using This Product

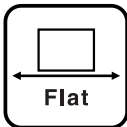
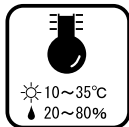
For safe use

- To use this product safely, be sure to read this guide as well as the other instruction guides included with this product before using it.
- Keep this guide at hand so that you can resolve any questions you have about this product.

To prevent harm to customers and other people or damage to property, this guide contains the following symbols and warning displays for operations and use that may be dangerous. Please read the guide after thoroughly understanding this information.







 WARNING	If this display is ignored and the product is mishandled, it may result in death or serious injury.		
 CAUTION	If this display is ignored and the product is mishandled, it may result in bodily harm or physical damage.		
	Indicates action that should not be performed (prohibited).		Indicates items (instruction, action) that must be performed.
	Indicates that disassembly is prohibited.		Indicates that the plug should be disconnected from the outlet.
	Indicates that touching the product with wet hands is prohibited.		Indicates that the product must be used with the power cord grounded.
	Indicates that the product must not come in contact with water.		

Install this product in the following type of place.













Place that is flat and stable	Place with the following temperature and humidity range
	

- **When using this product in a place where static electricity is easily generated, use an antistatic mat or other product to prevent static electricity.**
- **Do not install on a surface that is smaller than the base of the product.**
If the rubber bases on the bottom of the product extend beyond this surface, it places stress on the internal mechanisms, which negatively affects disc writing, printing and transporting. Be sure to install on a flat surface that is wider than the product so that all of the feet on the base of the product rest firmly on it.




















 WARNING	Do not block the air vents on this product. Blocking the air vents may result in internal heat build-up and fire. Do not install in the following types of places. <ul style="list-style-type: none"> • Tight spaces where ventilation is poor, such as in a closet or on a bookshelf • On a rug or bed If you place the product by a wall, leave more than 10 cm between the back of the product and the wall. It is also necessary to leave enough space in front of the product to open and close the disc cover.	
	Do not install in a place where volatile substances, such as alcohol or paint thinner, are present or in a place where there is fire. This may result in electric shock or fire.	
 CAUTION	Do not install or store in an unstable place (such as on a wobbly or tilted surface), in reach of children, or in a place subject to vibration from other machines. There is a risk that it could drop or fall over, resulting in injury.	
	Do not install in places where there is excessive moisture or dust, risk of getting wet, direct sunlight, severe changes in temperature and humidity, or close to heating and cooling devices. There is a risk of electric shock, fire, and malfunction or failure of this product.	

Cautions for the power source

 WARNING	Do not connect or disconnect the power plug with wet hands. This may result in electric shock.	
	Use only the type of power source indicated on the product's label. Use of the wrong type of power source may result in electric shock or fire.	
	Do not plug the power cord into an outlet with many other cords connected to it. This may result in heat build-up and fire.	
	Do not use a damaged power cord. This may result in electric shock or fire. If the power cord is damaged, consult your dealer for repairs. Observe the following when handling the power cord. <ul style="list-style-type: none"> • Do not modify the power cord • Do not place heavy objects on the power cord • Do not bend, twist or pull the power cord by force • Do not wire heating appliances nearby 	
	Be careful when handling the power plug. Mishandling may result in fire. <ul style="list-style-type: none"> • Do not leave plugged into a power source having foreign matter such as dust • Firmly insert the prongs of the power plug all the way 	
	When you disconnect the power plug from the outlet, be sure to turn off the power and hold the plug as you pull. If you stretch the power cord, it may become damaged, which could result in electric shock or fire.	
	Be sure your AC power cord meets the relevant local safety standard. Also, do not use the power cord included with this product with any other devices. This may result in electric shock or fire.	
	For safety reasons, be sure to ground the power cord. The power code included with the product is a 3-pin cable with a power system grounding (PE) terminal, so connect it to an outlet with a grounding electrode and ground it securely.	
 CAUTION	Regularly disconnect the power plug from the outlet and clean the base of the prongs and between the prongs. If you leave the power plug connected to an outlet for a long time, the base of the power plug prongs may become dusty, which may result in short circuit and fire.	
	For safety, be sure to disconnect the power plug from the outlet when you will not be using the product for a long time.	

Cautions for using

 WARNING	Do not continue to use under abnormal conditions such as smoke, unusual odors or sounds. This may result in electric shock or fire. Immediately turn off the power, disconnect the power plug from the outlet, and contact your dealer or the Epson Repair Center about repairs. Servicing the product yourself is dangerous, so never attempt it.	
	If a foreign object, water or other liquid enters the product, do not continue to use it. This may result in electric shock or fire. Immediately turn off the power, disconnect the power plug from the outlet, and contact your dealer or the Epson Repair Center about repairs.	
	Do not attempt to service the product yourself. This may result in injury, electric shock, fire or malfunction.	
	Do not use flammable gas sprays inside or around this product. There is a risk that gas will build up and a spark may cause a fire.	
	Do not connect the cables (cords) to the product in a way other than that specified in the instruction guide. This may result in fire. Also, the connected devices may be damaged.	
	Do not insert or drop metal or flammable objects into the air vents or other openings. This may result in electric shock or fire.	
 CAUTION	Do not step or place heavy objects on top of the product. Be especially careful in households with small children. There is a risk that it could fall over or break, resulting in injury.	
	When connecting this product to a computer (or other devices) using a cable, be careful to orient the connector the right way. The connectors on the cables have a specific orientation. If you connect incorrectly oriented connectors to both this product and the computer (or other devices), this may result in the malfunction of both connected devices.	
	Do not connect a telephone line to the Ethernet interface connector. This may result in damage to the telephone line or this product.	
	When storing or transporting this product, do not tilt it, stand it on end, or turn it upside down. When transporting the product, be sure to package it in the original box to protect it from any impact.	

	<p>For safety reasons, if you move this product, first check that the power is off, the power plug is disconnected from the outlet, and all of the wires are disconnected.</p>	
	<p>When replacing the ink cartridges, be careful that the ink does not contact your eyes or skin.</p> <p>If ink gets into your eyes, immediately flush them with water, and if it gets onto your skin, immediately wash the area with soap and water. Otherwise you may have bloodshot eyes or a mild inflammation. In the rare event that there is a problem, immediately consult a physician.</p>	
	<p>Do not disassemble the ink cartridges to replenish or refill the ink.</p>	
	<p>Do not shake the ink cartridge too hard.</p> <p>The ink cartridge may leak if you shake it too much.</p>	
	<p>Store ink cartridges out of the reach of children. Also, do not ingest the ink.</p>	

Cautions for CD/DVD/BD discs

Before using this product, run an operation check to make sure it is functioning normally. Also, back up the data on CD/DVD/BD discs onto separate media as necessary. Data may be damaged or lost at the following times:

- When there is static electricity or electrical noise
- During improper use
- During a malfunction or repair
- When there is damage due to a natural disaster

Even if the product is still under warranty, Epson accepts no responsibility for data that is lost or damaged due to causes not limited to those listed above.

Uses of this product

This product is for business use and not for household use.

Incidental loss arising from the use of this product

Should you not obtain the results you expect from this product, including the bundled software, we cannot provide compensation for incidental loss arising from that fact, such as expenses required for the use of this product and lost earnings that would have been gained through the use of this product.

Restriction of Use

When this product is used for applications requiring high reliability / safety, such as transportation devices related to aviation, rail, marine, automotive, etc.; disaster prevention devices; various safety devices, etc.; or functional / precision devices, etc., you should use this product only after giving consideration to including fail-safes and redundancies into your design to maintain safety and total system reliability. Because this product was not intended for use in applications requiring extremely high reliability / safety, such as aerospace equipment, main communication equipment, nuclear power control equipment, or medical equipment related to direct medical care, etc., please make your own judgment on this product's suitability after a full evaluation.

Continuous operation of this product

The hardware of the product is designed to be capable of being operated 24 hours a day, however, to keep the system condition stable, roughly once a month, turn the product off and perform the periodic cleaning.

See "Periodic cleaning" on page 163 in this guide.

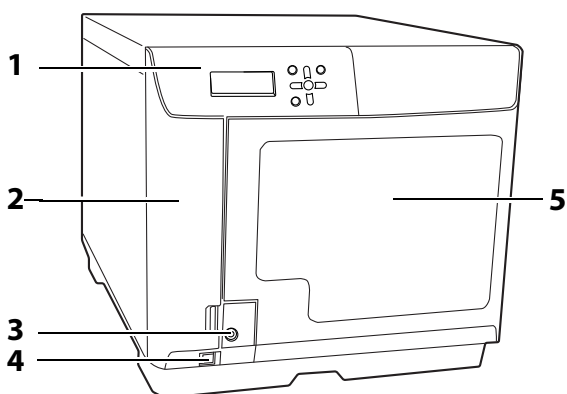
Open source software license

For a list of the open source software used in this product and the license terms for this software, please refer to the NOTICE.txt file that is saved in the program installation location and <http://xxx.xxx.xxx.xxx/oss/NOTICE>.

For "xxx.xxx.xxx.xxx", enter the IP address or FQDN for this product.

Part Names and Functions

Front



1	Control panel
---	---------------

Use to control this product (PP-100NII). It also shows the status of the product and menus. See "Control panel" on page 15 in this guide for details on the control panel.

2	Ink cartridge cover
---	---------------------

Open to insert and replace ink cartridges.

3	Disc cover lock
---	-----------------

Use the disc cover key to lock and unlock the disc cover (when the security lock switch is on).

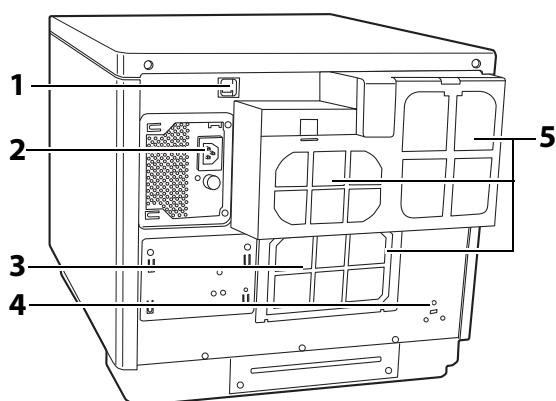
4	Power button
---	--------------

Use to turn the product on and off.

5	Disc cover
---	------------

Open when loading or taking out discs.

Back



1	Ethernet interface connector
---	------------------------------

Plug the Ethernet cable into this connector.

2	AC inlet
---	----------

Plug the power cord into this connector.

3	Rear printer cover
---	--------------------

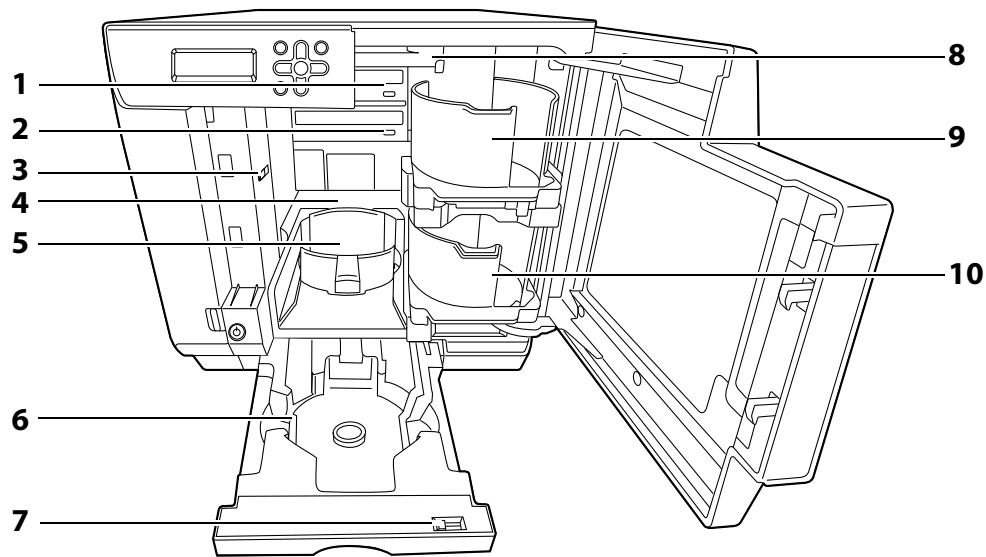
Open this cover only when a disc is stuck in the printer tray.

4	Security slot
---	---------------

Allows you to attach a commercially available antitheft wire.

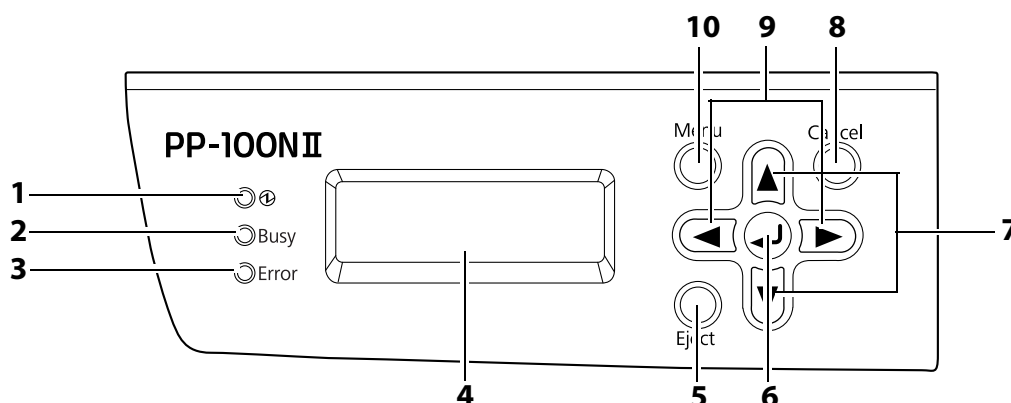
5	Air vents
---	-----------




Expel heat generated inside this product to prevent the temperature from rising. Leave at least 10 cm between the back of the product and the wall for ventilation.

Inside

1	Drive 1	Writes data on the recording surface of the discs.
2	Drive 2	Writes data on the recording surface of the discs.
3	Security lock switch	Turns the disc cover lock function on and off.
4	Printer	Prints on the label surface of the discs.
5	Stacker 3	Use as the disc output stacker. Holds up to about 50 discs.
6	Stacker 4	Use as a disc output stacker. Holds up to about 5 discs.
7	Lock lever	Locks and unlocks Stacker 4. Be sure to lock when attaching Stacker 3.
8	Arm	Transports discs.
9	Stacker 1	Use Stacker 1 as a disc input stacker. Holds up to about 50 discs.
10	Stacker 2	Use Stacker 2 as a disc input or output stacker. Holds up to about 50 discs.

Control panel

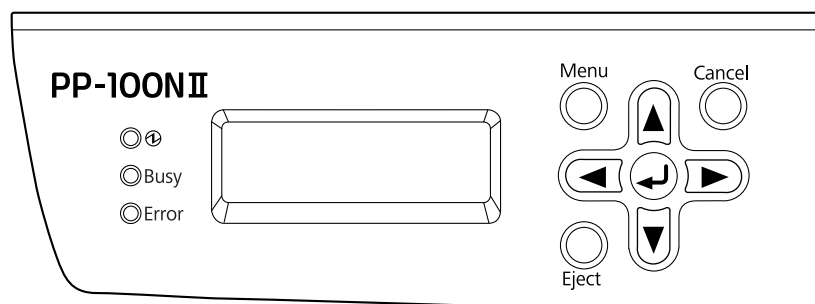







1	Power LED
Flashes and turns on when the power is turned on.	
2	BUSY LED
Flashes when a job* is being processed or a job is being received.	
3	ERROR LED
Flashes and turns on when an error occurs.	
4	LCD
Shows menus and messages.	
5	EJECT button
Do not use in Standard Mode, External Output Mode, and Batch Mode.	
6	 button
Confirms the selection and runs processing.	
7	 buttons
Moves to different menus.	
8	CANCEL button
Cancels the selection.	
9	 buttons
Moves the digit when you change the IP address.	
10	MENU button
Displays the top menu.	

* Job: Processing performed by this product, such as writing and printing data

Checking the status of this product using the indicator light display

This section describes the status of the product using the indicator lights displayed on the control panel.



	Indicator light	Flashing/ On	Status
ⓘ	Power LED	On 	The power is on. When only the power LED is on, the product is on standby for data.
		Flashing 	Product is being initialized or is shutting down. When it flashes together with the ERROR LED, there is a problem on the unit.
Busy	BUSY LED	Flashing 	Product is processing a job, is receiving a job, or is backing up or restoring data. When the BUSY LED is flashing quickly, a disc is being ejected, so do not pull out Stacker 4. Discs may be damaged.
Error	ERROR LED	On 	The cover, disc transport system, stacker, drive, or printer is experiencing an error.
		Flashing 	The unit is experiencing a problem.

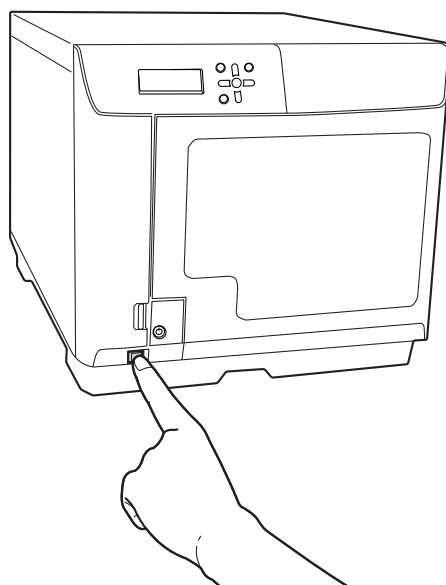
Basic operations

This section describes how to perform basic operations on the product.

Turning on the power

Press the Power button to turn on the power.

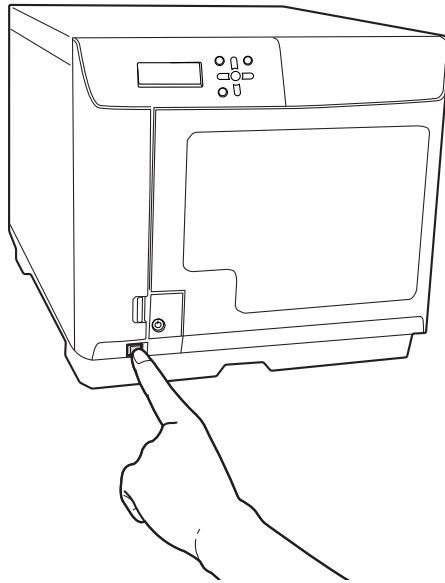
The power LED flashes, and then stays on.



Turning off the power

Press the Power button for 1 to 3 seconds.

The power LED flashes and then turns off, indicating that the power is off.



- If there are jobs being published or waiting to be published, the power is turned off after finishing all of the jobs. If an administrator has made the setting for sending email notifications, after the job processing is finished, a notification email is sent to each administrator saying that power off processing has begun.
- The power cannot be turned off for about 15 minutes after the power is turned on. The power turns off automatically 15 minutes after "Power off Please wait" appears on the LCD.

Turning off the power by force

When you are not able to turn the power off or you need to turn the power off immediately when a problem occurs on this product, press the Power button for at least 3 seconds. Power off processing starts immediately.



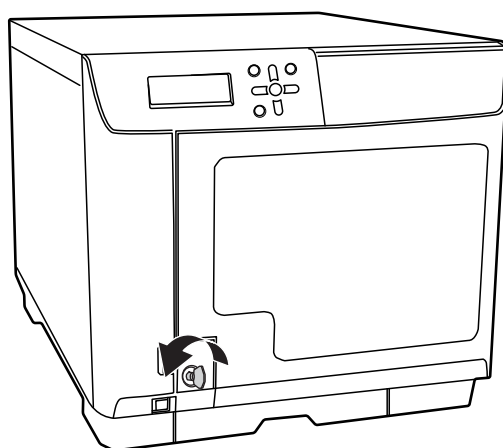
If there were jobs that were in publishing, the jobs are cancelled.

Unlocking the disc cover

If the security lock switch is set to on, the disc cover is locked automatically each time it is closed. To unlock the disc cover lock, use the disc cover key.

Notes If the security lock switch is set to off, the disc cover lock always remains unlocked.

Insert the disc cover key into the disc cover lock, and turn it to the [UNLOCK] position.

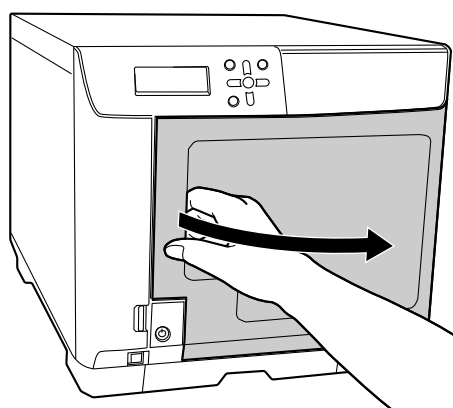


Opening the disc cover

- 1 If the disc cover is locked, unlock it.
See “Unlocking the disc cover” on page 19 in this guide for the procedure to unlock the lock.
- 2 Hold the handle, and open the disc cover in the direction indicated by the arrow in the illustration below.

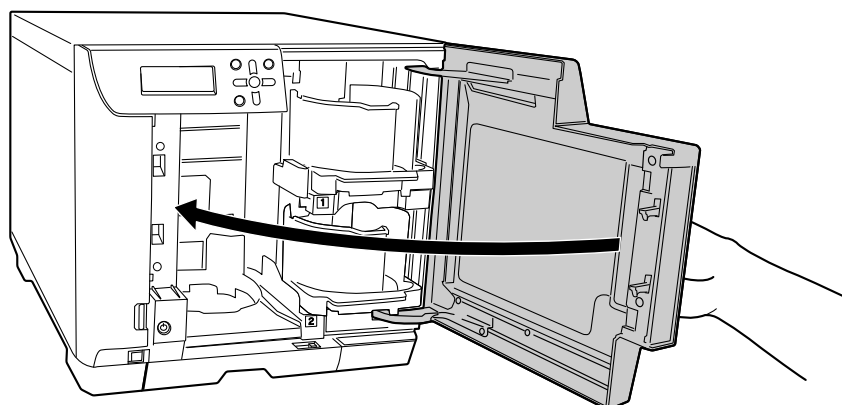


- Do not open the disc cover while a job is being processed (while the BUSY LED flashes). This could adversely affect the writing or printing quality.
- If you open the disc cover while a job is being processed, an alarm beep sounds and the status of the current job becomes Standby. If you close the disc cover, job processing resumes automatically.
- If a job is being processed, first pause the job and then open the disc cover. See “Pausing jobs” on page 114 in this guide for the procedure to pause a job.
- To ensure safety during arm operation, never insert your hands.
- Do not operate any stackers while the arm is moving. This could damage the arm.



Closing the disc cover

Hold the handle, and close the disc cover in the direction indicated by the arrow in the illustration below.

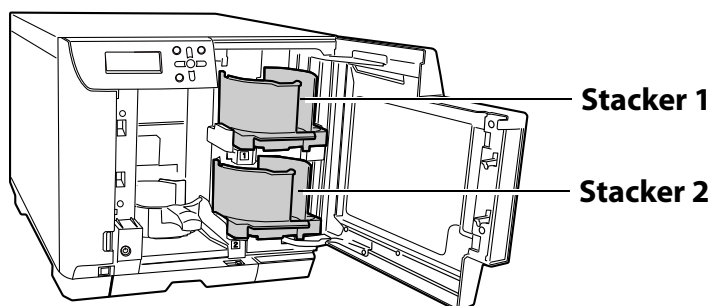


Handling stackers

Load the discs into the stacker. See “Loading discs” on page 88 in this guide. Or take out the published discs from the stacker. (See “Taking out discs” on page 109 in this guide.) Handle the stacker as shown below.

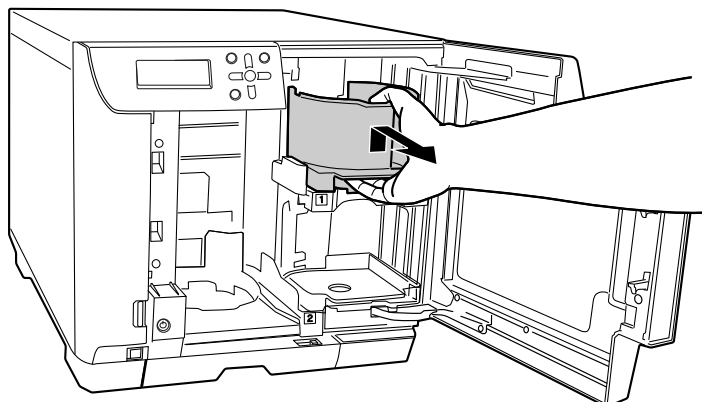
Stacker 1/Stacker 2

Stacker 1 and Stacker 2 are the same. Handle them in the same way.



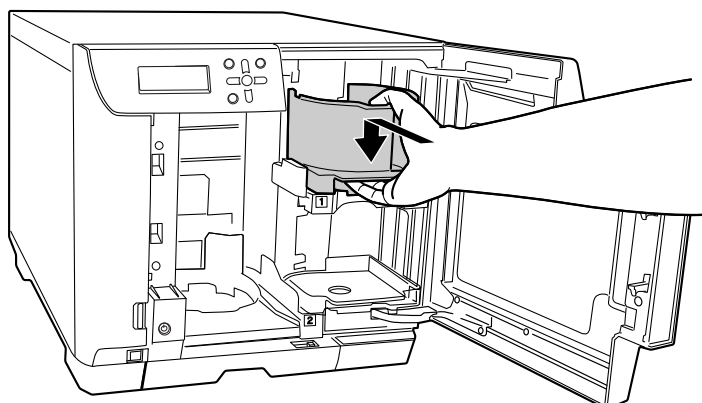
Remove

Gently lift and pull towards you to take out.



Attach

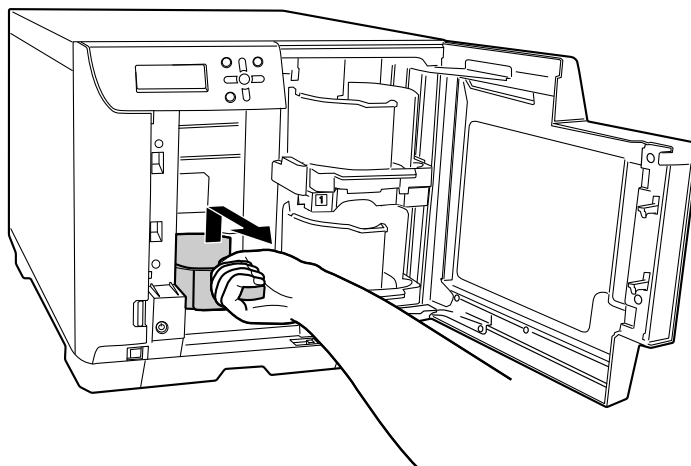
Line up the indentations and attach.



Stacker 3

Remove

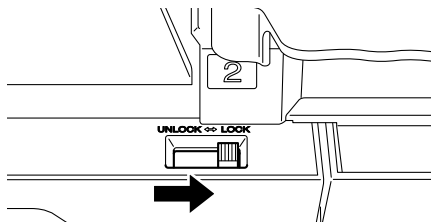
Hold the handle, lift it up, and then pull towards you to take out.



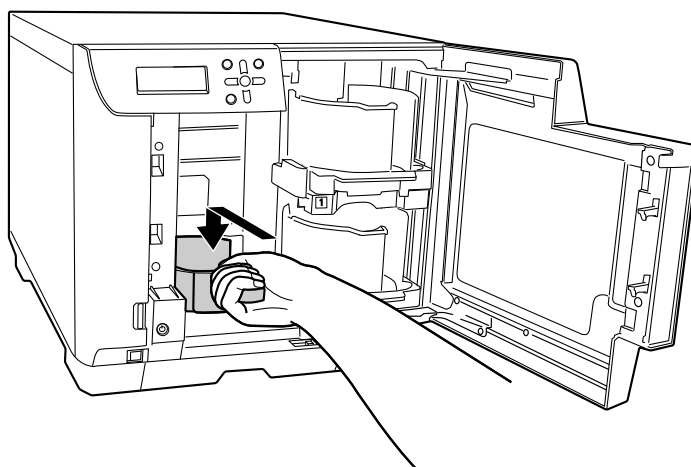
Attach



- When you insert Stacker 3, first check that there are no discs in Stacker 4, and then attach it.
- When you use Stacker 3, set the lock to [LOCK], and do not pull out Stacker 4.



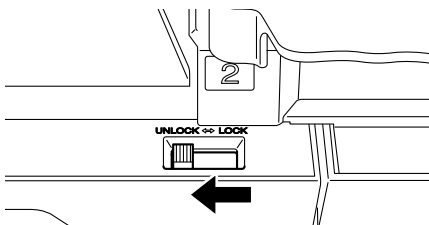
Hold the handle, line up the indentations, and attach.



Stacker 4

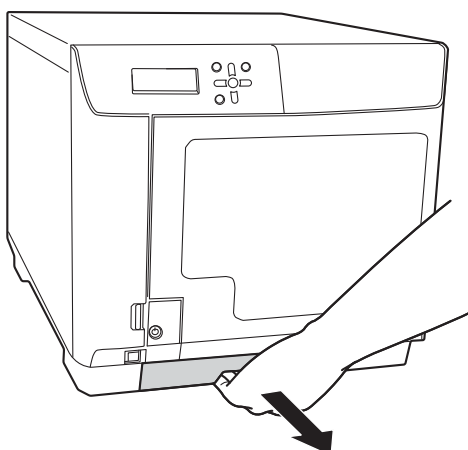


- Do not apply strong force to Stacker 4 when handling it.
- When the BUSY LED is flashing quickly, a disc is being ejected, so do not pull out Stacker 4. Discs may be damaged.
- Set the lock lever to [UNLOCK] when using Stacker 4.



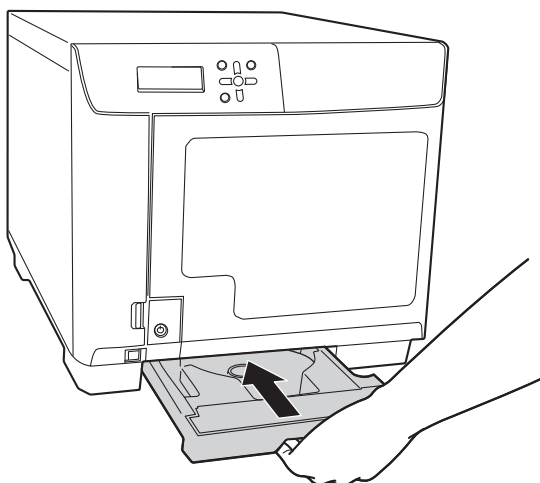
Pull out

Hold the Stacker 4 grip and pull out the stacker.



Push in

Hold the Stacker 4 grip and push the stacker in.



Preparation

Installing the software

This section describes the installation procedure of the software required for using this product (PP-100NII). After setup of this product (see the *PP-100NII Administrator's Guide*) is completed, use the procedure below to install the software onto the user's client computer.

Before installation

This installation procedure installs the following software. (It is also possible to install the printer driver only.)

- Printer driver
- EPSON Total Disc Setup
This software is used to register this product.
- EPSON Total Disc Monitor
This software is used to verify the product status from the client computer.
- EPSON Total Disc Maker
This software is used to edit the write data and the print data for the label surface and to publish using this product.



- **Important Note**

You may use the Software to operate the EPSON products. You may use the EPSON products to copy materials on to media, including but not limited to CDs, DVDs, and BDs. You agree to respect the rights of copyright owners. EPSON shall have no liability for, and you shall hold EPSON harmless from, any copyright infringement by you or your employees, representatives or agents.

- Be sure to install the software by following the procedure in this guide.
- When installing the software, log on as a user with administrator privileges (belonging to the administrator group). The software cannot be installed if you log on with user privileges.
- When EPSON Total Disc Maker is installed, several Windows components may be installed. Some of the installed components may not be uninstalled (deleted) when EPSON Total Disc Maker is uninstalled.
- If the system and user language settings are different, the installation procedure may not be performed properly. Install in an environment where the system and user languages are the same.

Software operating requirements

The minimum hardware and software requirements for using the supplied software are shown below.

OS (Operating system)	<ul style="list-style-type: none"> • Windows 11 * • Windows 10 (32 bit/64 bit) <ul style="list-style-type: none"> * Home/Pro/Enterprise • Windows 7 (32 bit/64 bit, SP1 or later) <ul style="list-style-type: none"> * Home Premium/Professional/Enterprise/Ultimate • Windows Server 2022 <ul style="list-style-type: none"> * Standard • Windows Server 2019 <ul style="list-style-type: none"> * Standard/Essentials • Windows Server 2016 <ul style="list-style-type: none"> * Standard/Essentials • Windows Server 2012 R2 (64 bit) <ul style="list-style-type: none"> * Standard/Essentials • Windows Server 2012 (64 bit) <ul style="list-style-type: none"> * Standard/Essentials
CPU	Must meet OS requirements.
Memory	Must meet OS requirements.
HDD available space	<p>In addition to the OS system requirements, ensure the following available space.</p> <ul style="list-style-type: none"> • For program installation: 1Gbyte
Display	XGA (1024 x 768 pixels) or higher 65,536 colors or more
Interfaces	<p>Ethernet interface</p> <p>This interface must meet one of the standards below.</p> <ul style="list-style-type: none"> • 100Base-TX • 1000Base-T
Software	<p>Windows Media Player 6.4 or higher must be already installed.</p> <p>Any of the following browsers must be already installed.</p> <ul style="list-style-type: none"> • Microsoft Edge • Google Chrome • Mozilla Firefox
Miscellaneous	<p>JavaScript in your browser must be enabled.</p> <p>Creating music CDs requires a sound device with an appropriate driver installed.</p>

* If using Windows 11, first apply KB5008215 before use.



- The product may not function properly in environments where third-party writing software or anti-virus software is installed.
- The source drive should use commands and operations that are compliant with MMC4 or higher, and be capable of reading sub-channels.
- You cannot use the product with remote desk top function or virtual environment.

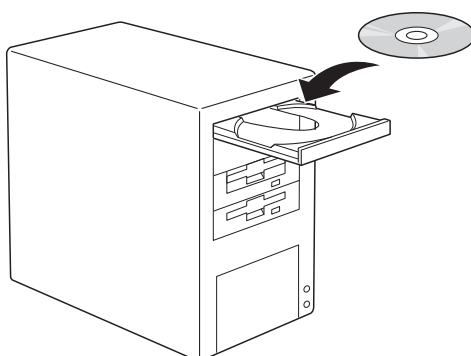
Installation

This section describes the procedure for installing the software.



- To perform installation, the IP address or host name of the product are required. Confirm the IP address or host name of the product from the administrator.
- If any other software or anti-virus programs are running, exit them before starting the installation.

- 1 Start Windows, and load the Discproducer Utility & Documents Disc (DVD-ROM) supplied with the product into an optical drive of the client computer that can read DVDs.




Notes

When the AutoPlay window is displayed, click [Run InstallNavi.EXE] to proceed with operation.

- 2 Click [EPSON Total Disc Maker] when the screen shown below is displayed.



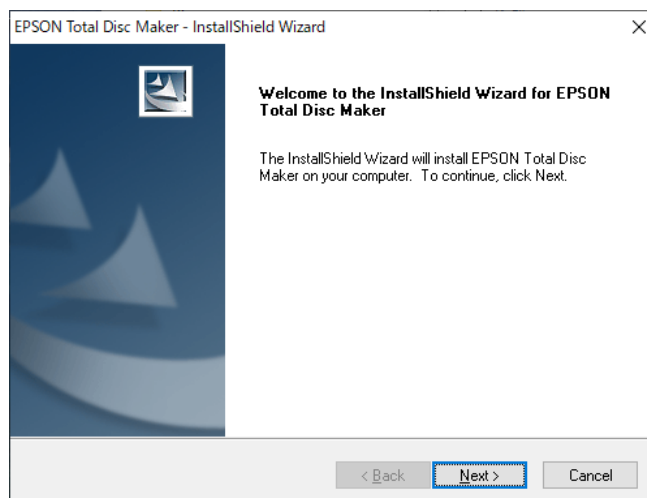
If the screen is not displayed, click [Start] () - [Computer], and double-click the DVD-ROM icon to open the DVD. Next, double-click the InstallNavi.EXE icon in the DVD-ROM.

If a confirmation screen is displayed asking if you want to run the VC_redist.x86.exe or the VC_redist.x64.exe, follow the on-screen instructions to continue the operation.

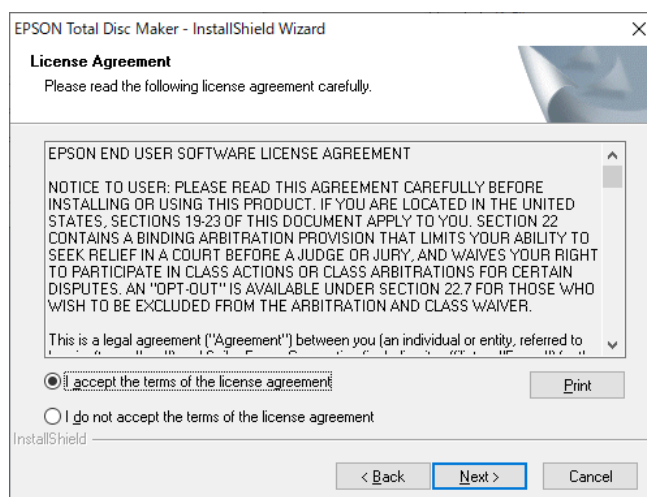
Notes

When [User Account Control] screen is displayed, click [Allow]. When asked for an administrator password, enter the password to proceed with operation.

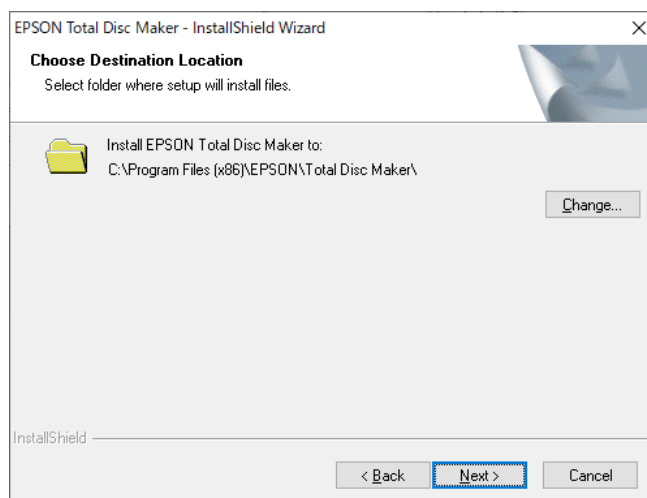
3 Click [Next].



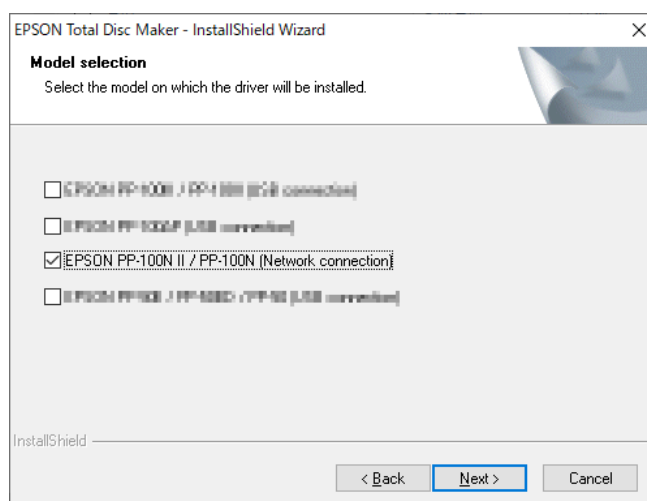
4 Carefully read the license agreement, and if you agree, select [I accept the terms of the license agreement], and click [Next].



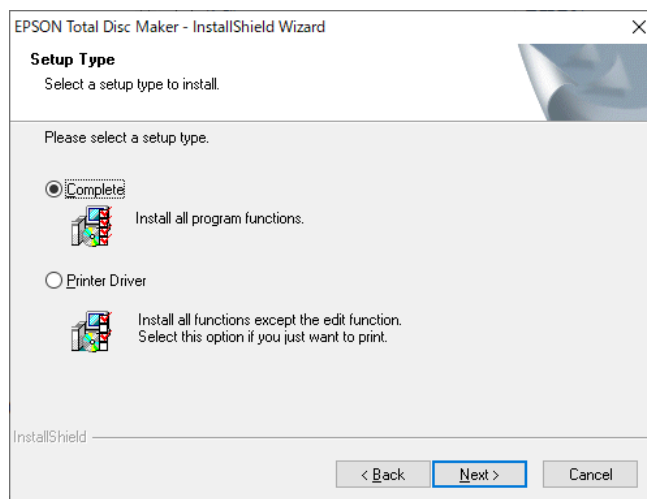
- 5** Verify the folder where you want to install the software, and click [Next].
To change the folder, click [Change] and specify the folder, and then click [Next].



- 6** Insert a check mark for [EPSON PP-100NII (Network connection)], and then click [Next].

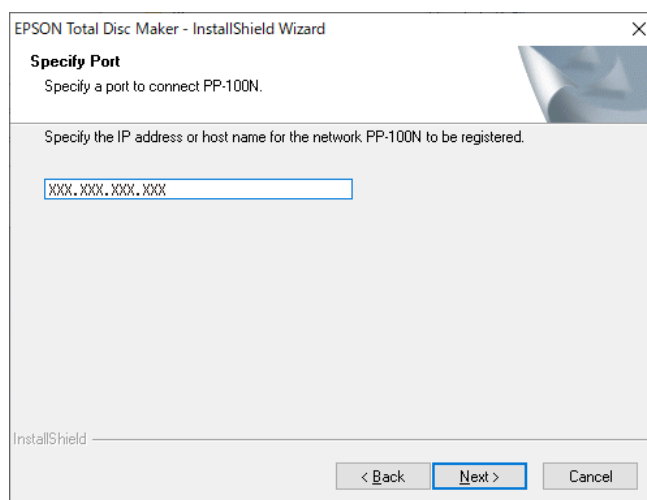


7 Check that [Complete] is selected, and click [Next].



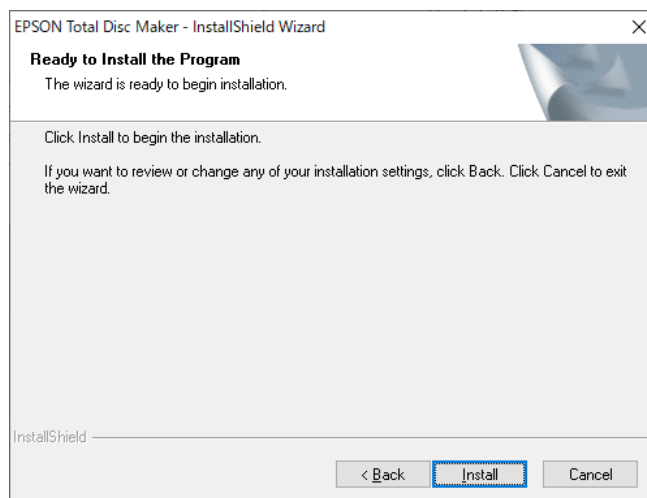
Notes To install the printer drivers only, select [Printer Driver].

8 Enter the IP address or host name of the product, and click [Next].



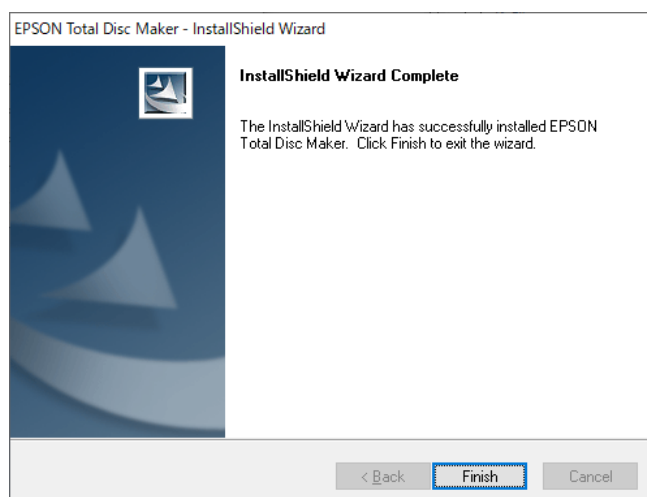
If the IP address or host name of PP-100NII is not entered, register this product after the installation is finished. (See "Registering the product" on page 32 in this guide.)

9 Click [Install].



The installation process is started.

10 Click [Finish].



This completes the software installation.

After the installation is completed, EPSON Total Disc Setup will start automatically, and then the [Common Setting for Publishing] screen will appear. Close the [Common Setting for Publishing] screen because this setting is not necessary for this product.

If multiple units of this product are connected on the same network, this product must be registered to the client computer using EPSON Total Disc Setup. See “Registering the product” on page 32 in this guide, and then register this product.



If only one unit of this product is connected, no registration process is necessary.

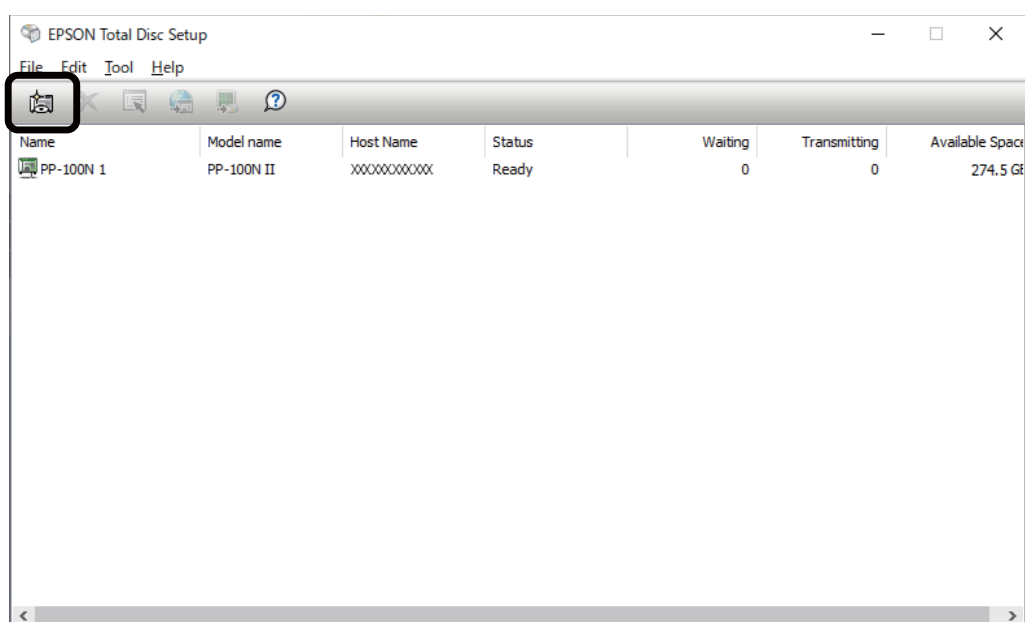
Registering the product

To use EPSON Total Disc Maker, you must register this product to the client computer. However, if only one product is connected, product registration is performed during the software installation process, and so this procedure is not necessary.

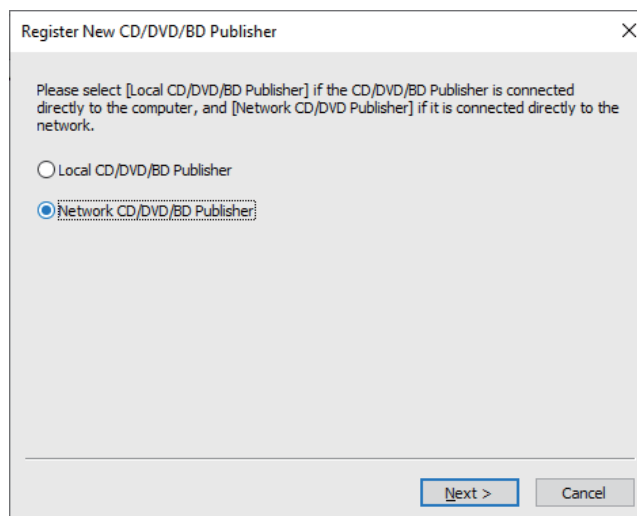
If multiple units of this product are connected on the same network, the registration process must be performed for each connected product.

Use the following procedure to register the product.

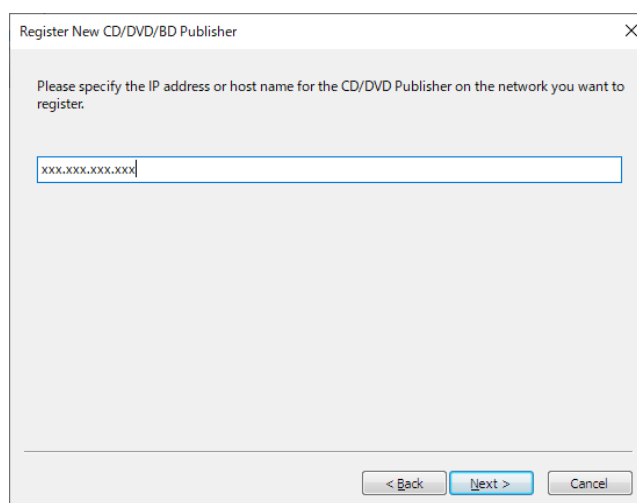
- 1 Check that the client computer and this product are connected on the same network and the power for this product is turned on.
- 2 If EPSON Total Disc Setup is not running, start EPSON Total Disc Setup.
Select [Start] () - [All Programs] - [EPSON Total Disc Maker] - [EPSON Total Disc Setup].
- 3 Click  [Add].



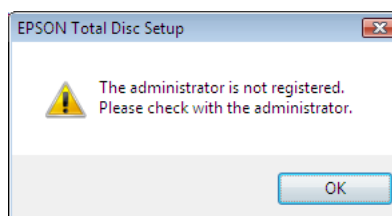
- 4 Select [Network CD/DVD/BD Publisher], and click [Next].



- 5 Enter the IP address or host name of the product to be registered, and click [Next].



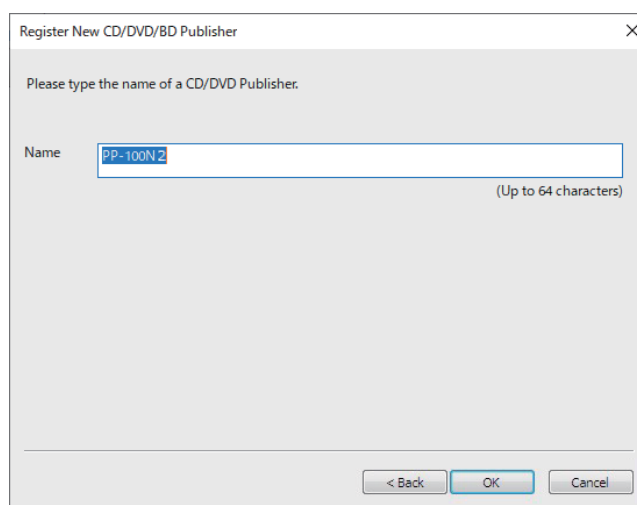
If the administrator is not already registered, the confirmation message shown below is displayed.



Clicking [OK] continues with the registration process for the product, but this product cannot be used until an administrator is registered. Ask the administrator to perform administrator registration (see "Registering an administrator" in the *PP-100NII Administrator's Guide*).

6 Enter the name into [Name] and click [OK].

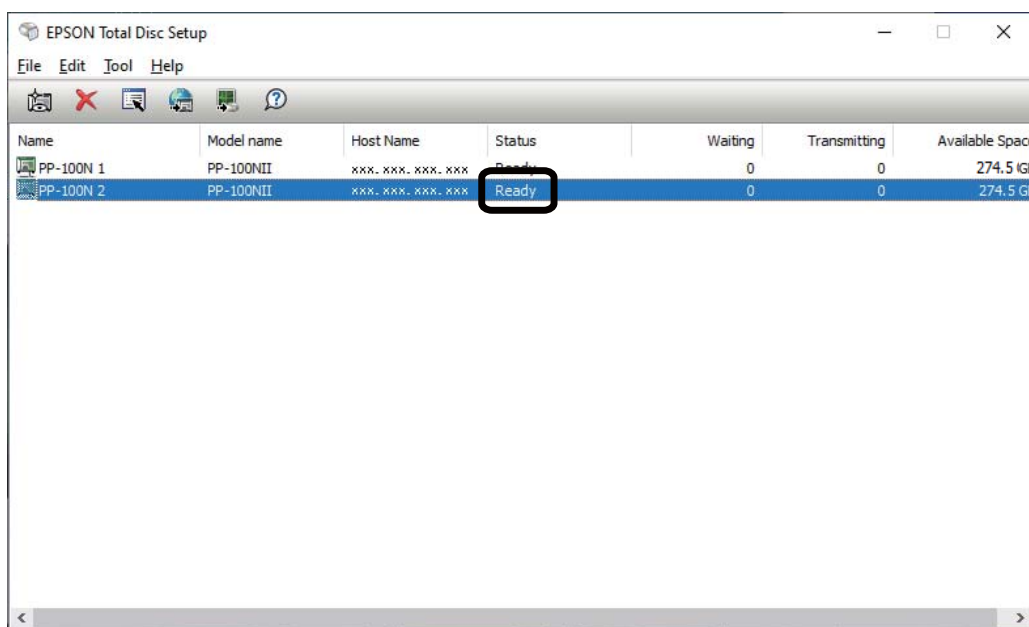
This name is displayed at [Output device] that is selected in the Publishing screen of EPSON Total Disc Maker.



7 Confirm that this product has been registered in EPSON Total Disc Setup and that the [Status] is "Ready". If it is not set to "Ready", it cannot be used.



If [Status] is set to "Unsupported Version", please install Server System Soft version 3.30 or later.



This completes the product registration.

Checking and changing user information

User information is registered by the administrator.

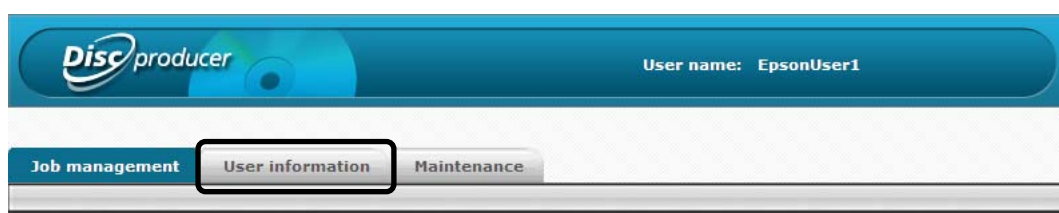
After software installation (see page 24 in this guide) is completed, the user must check the registered user information and change the password.



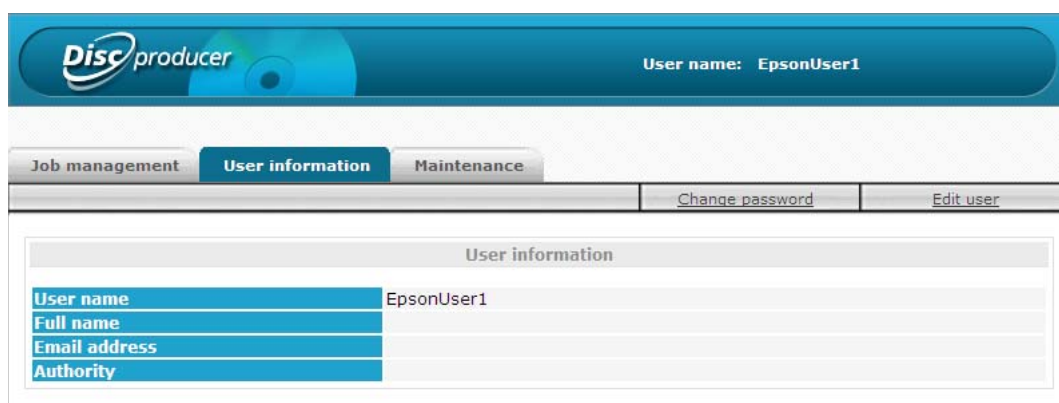
Check with the administrator for the initial settings for the user name and password. The user name and password are necessary for checking and changing the user information.

Checking user information

- 1 Log in to EPSON Total Disc Net Administrator.
See “Logging in to EPSON Total Disc Net Administrator” on page 55 in this guide for the login procedure.
- 2 Click the [User information] tab.



The registered user information is displayed.

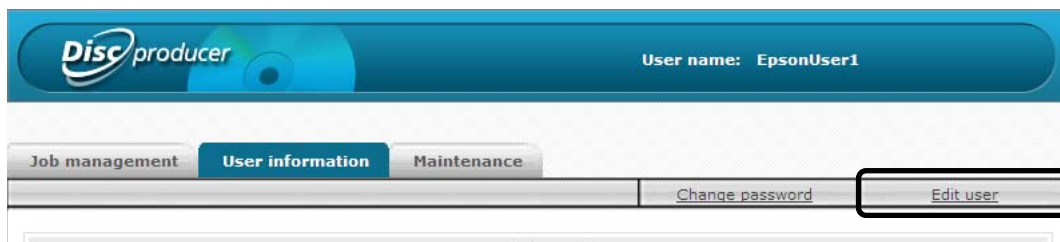


- User name: This displays the user name to use when logging in to EPSON Total Disc Net Administrator.
- Full name: This displays the full name of the user if registered.
- Email address: This displays the email address of the user if registered.
- Authority: This displays “Administrator” if the user is set as an administrator.

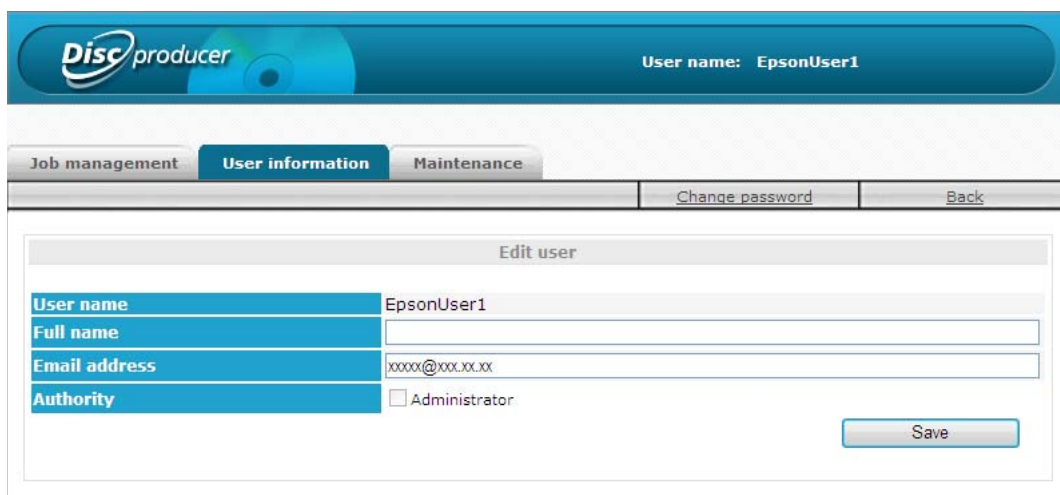
Changing user information

Use the procedure below to change the full name and email address of a user.

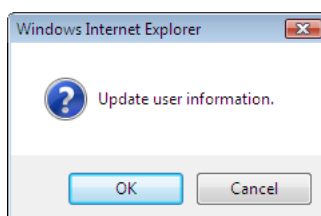
- 1 Log in to EPSON Total Disc Net Administrator.
See “Logging in to EPSON Total Disc Net Administrator” on page 55 in this guide for the login procedure.
- 2 Click [Edit user] in the [User information] screen.



- 3 Change the full name or email address, and click [Save].



- 4 Click [OK].



- 5 The [User information] screen appears.
Check that the modified information is correct.

Changing password

The password is used to log in to EPSON Total Disc Net Administrator. Use the following procedure to change the password.



Manage the password so that it cannot be used by anyone other than you.

- 1 Log in to EPSON Total Disc Net Administrator.
See “Logging in to EPSON Total Disc Net Administrator” on page 55 in this guide for the login procedure.
- 2 Click [Change password] in the [User information] screen.

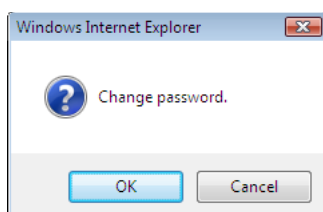


- 3 Enter the new password, and click [Save].



- Enter from 5 to 16 alphanumeric characters or symbols (".", "-", "_") for a password.
- A password is case-sensitive.
- Do not set a date of birth, employee number, or anything else that is easy to guess for a password.
- Manage the password so that it cannot be used by anyone other than you.

- 4 Click [OK].



Uninstalling the software


If the software could not be installed properly, uninstall (delete) the software, and then reinstall.

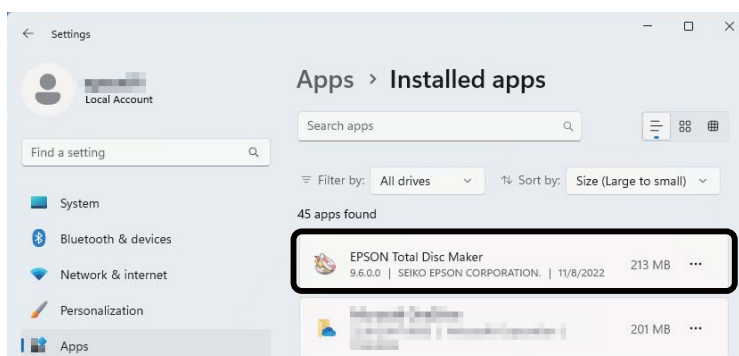
This section describes the procedure for uninstalling the following software.

- EPSON Total Disc Maker
- EPSON Total Disc Setup
- EPSON Total Disc Monitor
- Printer driver

Notes

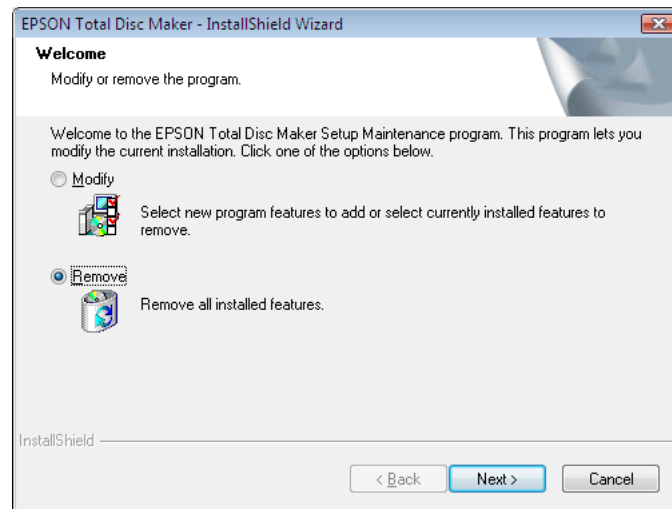
You may be asked for an administrator password or confirmation when uninstalling the software. When asked for a password, enter the password to proceed with operation.

- 1 Exit all applications that are running.
- 2 Click Start (), and then select Settings.
- 3 Open “Apps” and then the “Installed apps” screen.
- 4 Select EPSON Total Disc Maker, and click [Uninstall].

**Notes**

If you cannot perform the uninstallation due to any problem, uninstall the software by double-clicking setup.exe in the Discproducer Utility & Documents Disc.

5 Select [Remove], and click [Next].



Follow the on-screen messages to complete the uninstallation process.

Using Applications

EPSON Total Disc Maker


What is EPSON Total Disc Maker?

EPSON Total Disc Maker is software for editing the write data and the print data for the label surface, and publishing to this product (PP-100NII).

In EPSON Total Disc Maker, the execution of writing data to this product and printing labels is referred to as “publishing”. Publishing enables this product to write data to a CD, DVD, or BD and print the label to create a finished disc.

Starting EPSON Total Disc Maker

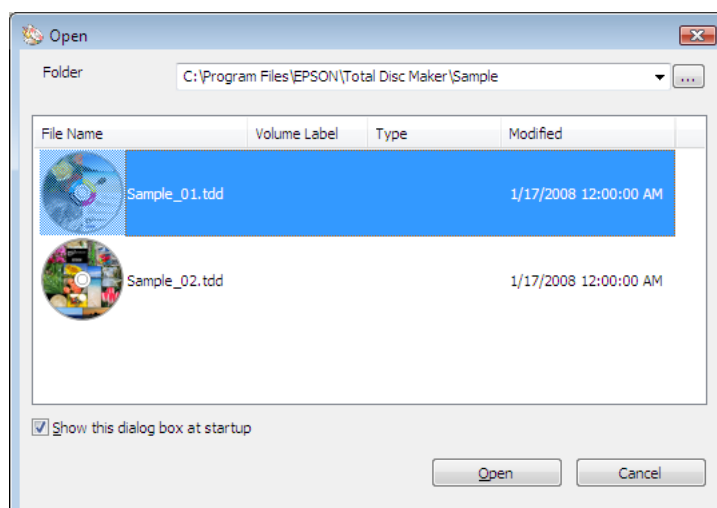
The following procedure is for Windows 10. The procedure to start EPSON Total Disc Maker may differ depending on your operating system. Check the specifications for your system.

- 1 Select [Start] () - [All Programs] - [EPSON Total Disc Maker] - [EPSON Total Disc Maker].

The [Open] dialog box appears.

- 2 Click [Cancel].

The [Open] dialog box closes and the disc view becomes active.




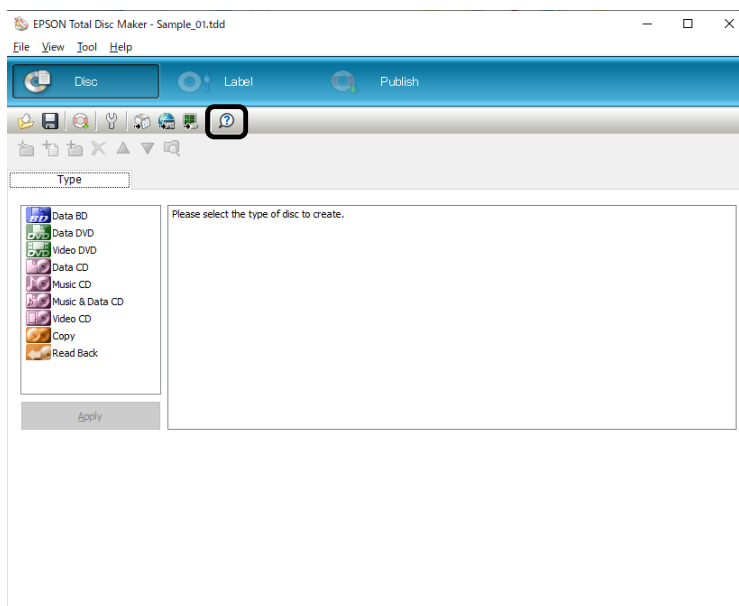
Notes

- If you select a Total Disc Maker data file in the [Open] dialog box and then click [Open], the selected file opens and the publish view becomes active.
- If you unselect [Show this dialog box at startup] and close the [Open] dialog box, the [Open] dialog box is not displayed from the next startup.

Displaying Help of EPSON Total Disc Maker

Help of EPSON Total Disc Maker contains the procedures for using and specifications of EPSON Total Disc Maker.

- 1 Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
- 2 Click  [Help] on the toolbar.



Notes

You can also display EPSON Total Disc Maker Help in the following ways:

- Start EPSON Total Disc Maker, and press [F1].
- Start EPSON Total Disc Maker, and click [Help] on the [Help] menu.

Screen configuration of EPSON Total Disc Maker

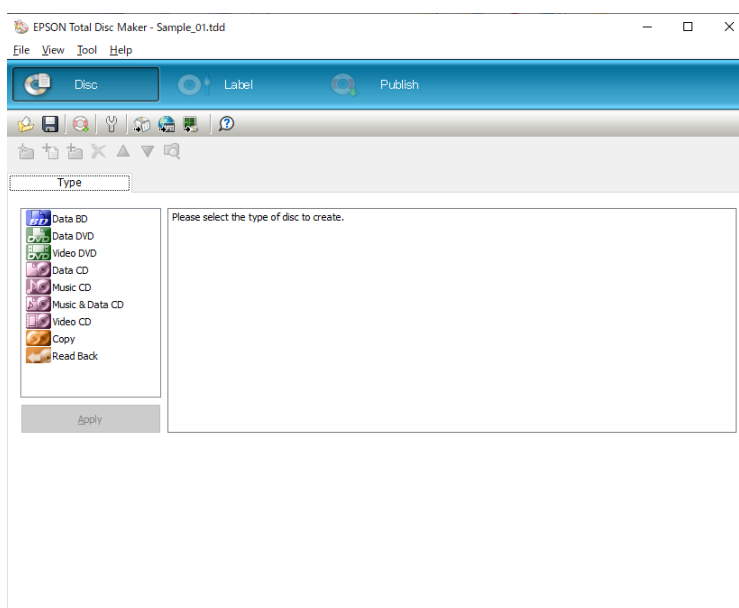
This section describes the screen configuration of EPSON Total Disc Maker.

See Help of EPSON Total Disc Maker for details on use.

Disc view

Starting EPSON Total Disc Maker or clicking [Disc] in another view displays the disc view.

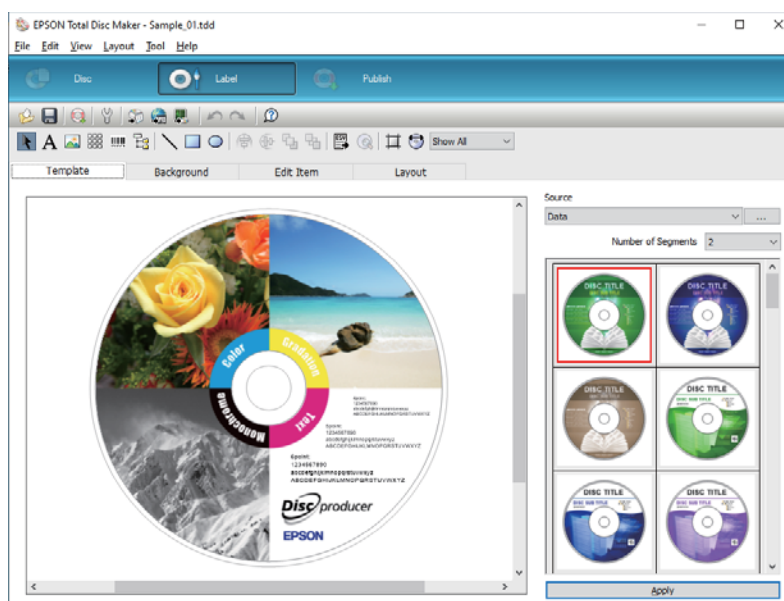
In the disc view, you can edit the data to write to the disc.



Label view

Clicking [Label] in the disc view or publish view displays the label view.

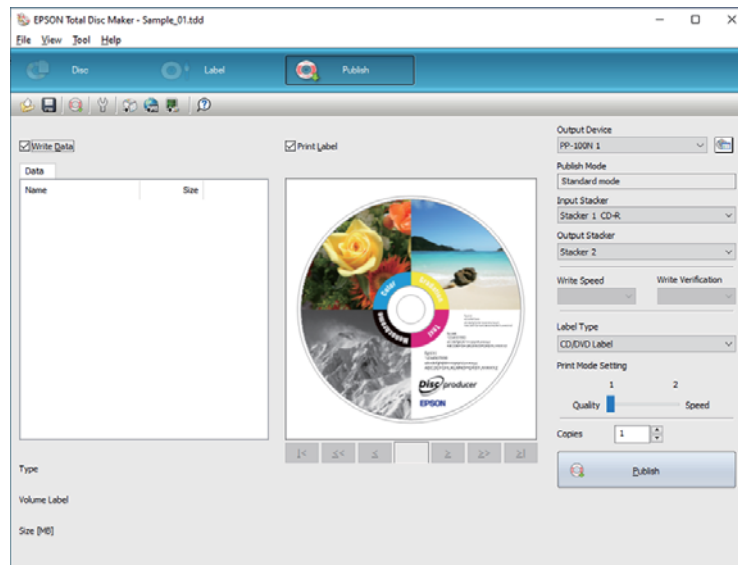
In the label view, you can edit the data for printing on the label surface of the disc.



Publish view

Clicking [Publish] in the disc view or label view displays the publish view.

In the publish view, you can publish the writing data and label to this product.



EPSON Total Disc Setup

What is EPSON Total Disc Setup?

EPSON Total Disc Setup is software for registering the product to the computer. It also allows you to check the Publish Mode, stacker to be used, drive, etc., as well as the basic settings for publishing discs with this product.

Starting EPSON Total Disc Setup

Notes

To use EPSON Total Disc Setup, you need to register this product after the installation. See page 32 in this guide, and then register this product.


The following procedure is for Windows 10. The procedure to start EPSON Total Disc Setup may differ depending on your operating system. Check the specifications for your system.

Select [Start] () - [All Programs] - [EPSON Total Disc Maker] - [EPSON Total Disc Setup].

EPSON Total Disc Setup starts.


Notes

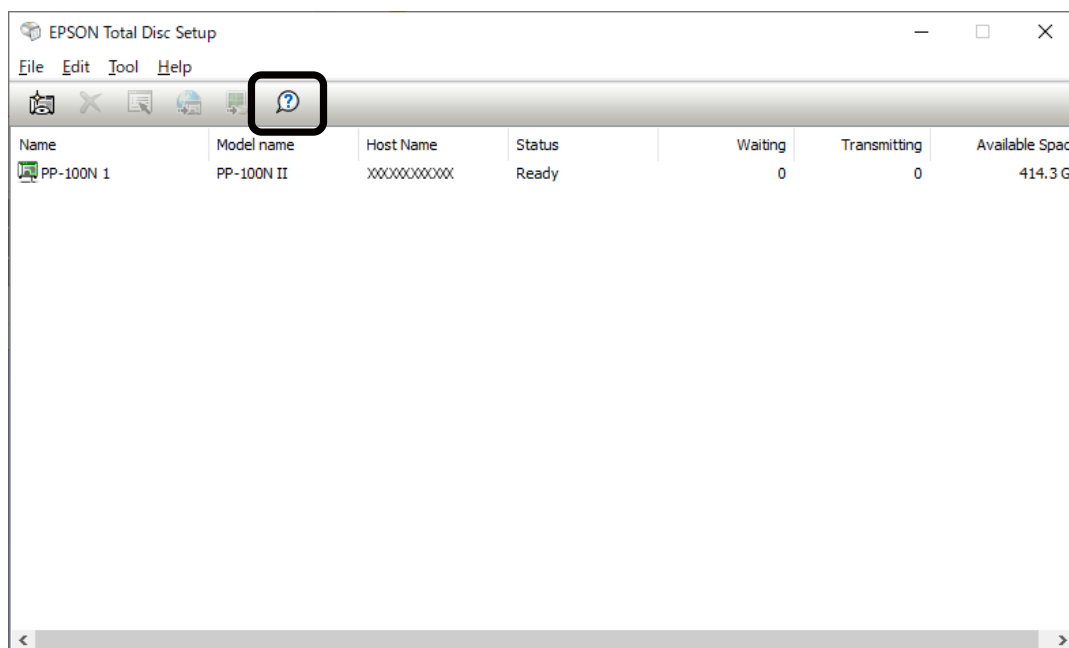
You can also start EPSON Total Disc Setup in the following ways:

- Click  in EPSON Total Disc Maker.
- Click [Start Total Disc Setup] on the [Tools] menu in EPSON Total Disc Maker.

Displaying Help of EPSON Total Disc Setup

Help of EPSON Total Disc Setup contains the procedures for using and specifications of EPSON Total Disc Setup.

- 1 Start EPSON Total Disc Setup.
See “Starting EPSON Total Disc Setup” on page 44 in this guide for the start procedure.
- 2 Click  [Help] on the toolbar.



Notes

You can also display Help of EPSON Total Disc Setup in the following ways:

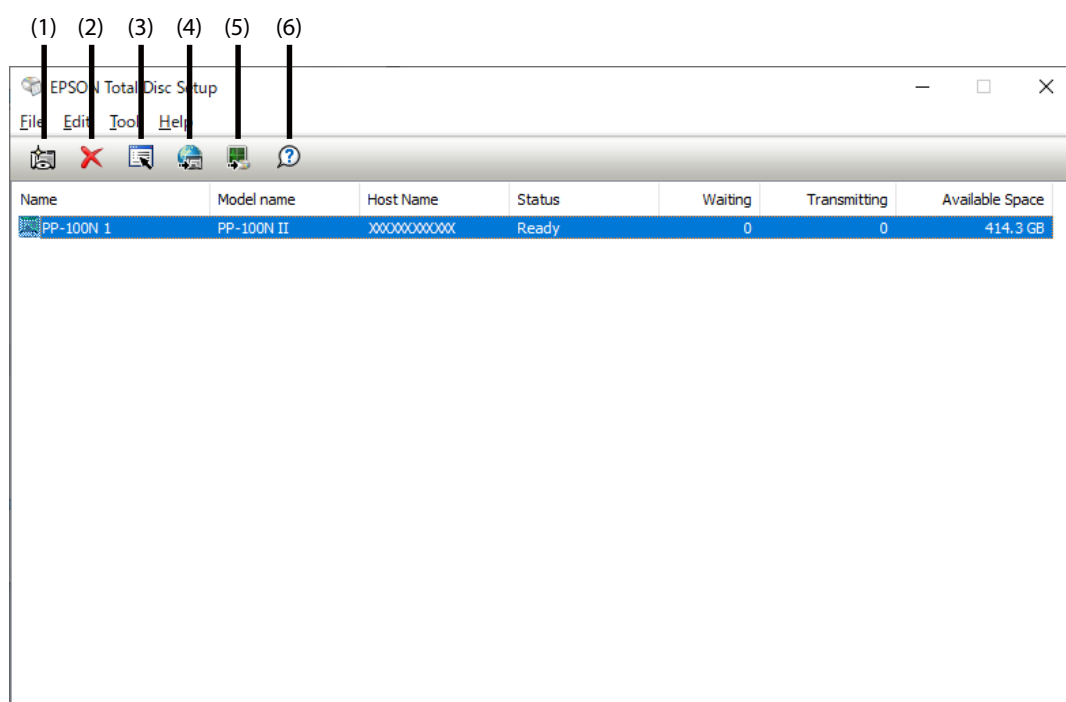
- Start EPSON Total Disc Setup, and press [F1].
- Start EPSON Total Disc Setup, and click [Help] on the [Help] menu.

Screen configuration of EPSON Total Disc Setup

This section describes the screen configuration of EPSON Total Disc Maker.


See Help of EPSON Total Disc Setup for details on use.

Setup screen



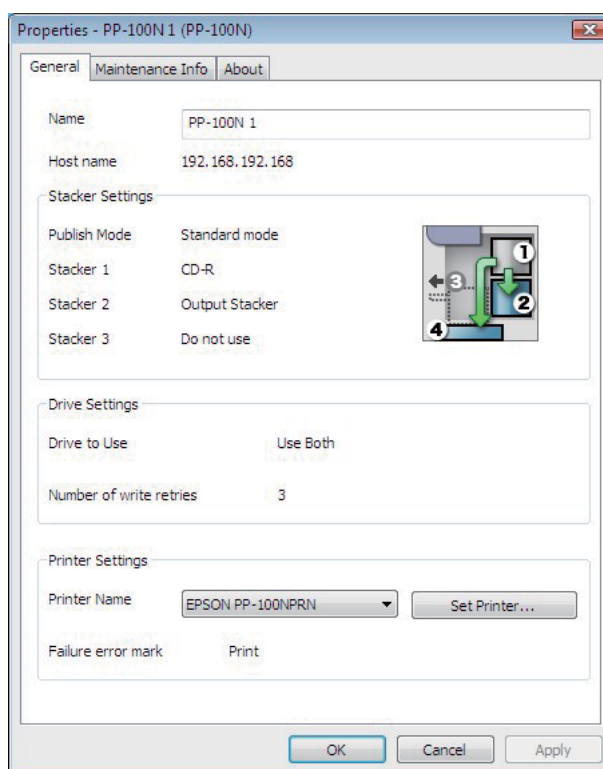
(1)	Add	Registers this product.
(2)	Remove	Deletes the registration for the selected product.
(3)	Properties	Displays the [Properties] screen for the selected product.
(4)	Start Total Disc Net Administrator	Starts EPSON Total Disc Net Administrator.
(5)	Start Total Disc Monitor	Starts EPSON Total Disc Monitor.
(6)	Help	Displays Help.
-	Name	Displays the name of the product.
-	Model Name	Displays the model name of the product (PP-100NII).
-	Host Name	Displays the host name or IP address of the product.
-	Status	Displays the product status.
-	Waiting	Displays the number of unfinished jobs.
-	Transmitting	Displays the number of jobs being transmitted.
-	Available Space	Displays the available space on the product's internal HDD.

[Properties] screen

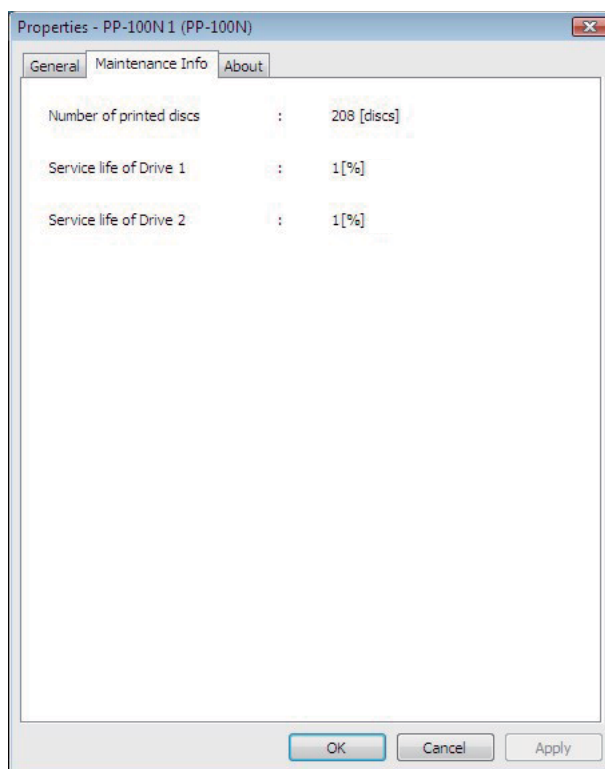
Click  [Properties] in the Setup screen to display the [Properties] screen.

Click the [General] tab, [Maintenance Info] tab, and [About] tab in the [Properties] screen to display each screen.

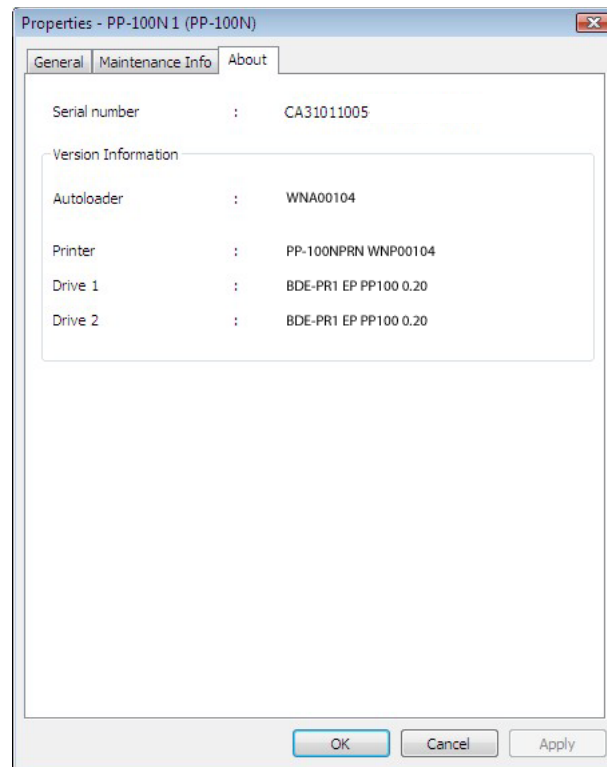
[General] screen



Item	Description
Name	Displays the name of the product. The name can also be changed here.
Host name	Displays the host name or IP address of the product.
Stacker Settings	Allows you to check the settings for the Publish Mode and type of disc to load in the stacker.
Drive Settings	Allows you to check the settings for the drive to use and the number of write retries after an error occurs during disc writing.
Printer settings	Displays the [Main] screen of the printer driver.

[Maintenance Info] screen

Item	Description
Number of printed discs	Displays the cumulative number of printed discs.
Service life of Drive 1/ Drive 2	Displays the service life of the drive. When the value is close to 100%, it is time to replace it.

[About] screen

Item	Description
Serial number	Displays the serial number of the product.
Autoloader	Displays the firmware version of the product's internal autoloader.
Printer	Displays the firmware version of the product's internal printer.
Drive 1	Displays the firmware version of the product's internal CD/DVD/BD Drive 1.
Drive 2	Displays the firmware version of the product's internal CD/DVD/BD Drive 2.

EPSON Total Disc Monitor

What is EPSON Total Disc Monitor?


EPSON Total Disc Monitor is software for displaying the product's current status, remaining ink, job information, and other information. You can also pause/cancel jobs or change the order of jobs to be processed.

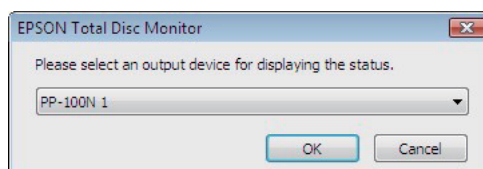
Starting EPSON Total Disc Monitor

Notes

To start EPSON Total Disc Monitor, you need to register this product after the installation. See page 32 in this guide, and then register this product.

The following procedure is for Windows 10. The procedure to start EPSON Total Disc Monitor may differ depending on your operating system. Check the specifications for your system.


- 1 Select [Start] ()- [All Programs] - [EPSON Total Disc Maker] - [EPSON Total Disc Monitor].
- 2 When more than one unit is connected, select the product for which to display the status, and click [OK].



EPSON Total Disc Monitor starts.


Notes

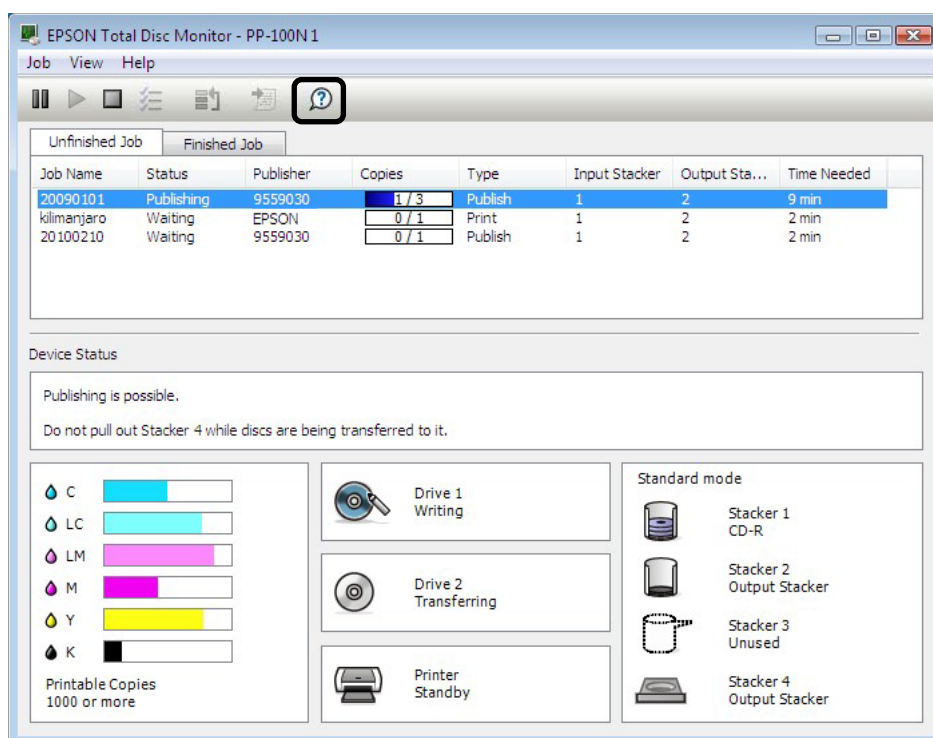
You can also start EPSON Total Disc Monitor in the following ways:

- Click  in EPSON Total Disc Maker/EPSON Total Disc Setup.
- Click [Start Total Disc Monitor] on the [Tools] menu in EPSON Total Disc Maker/EPSON Total Disc Setup.

Displaying Help of EPSON Total Disc Monitor

Help of EPSON Total Disc Monitor contains the procedures for using and specifications of EPSON Total Disc Monitor.

- 1 Start EPSON Total Disc Monitor.
See “Starting EPSON Total Disc Monitor” on page 50 in this guide for the start procedure.
- 2 Click  [Help] on the toolbar.



Notes

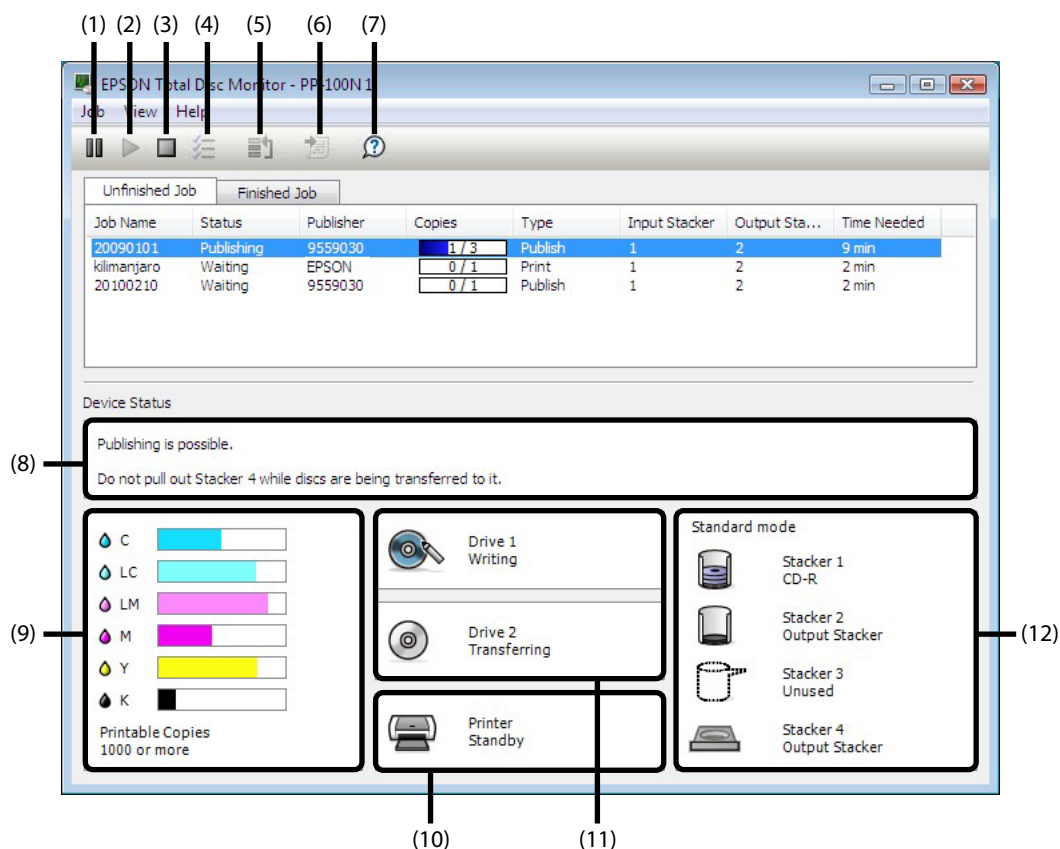
You can also display Help of EPSON Total Disc Monitor in the following ways:

- Start EPSON Total Disc Monitor, and press [F1].
- Start EPSON Total Disc Monitor, and click [Help] on the [Help] menu.

Screen configuration of EPSON Total Disc Monitor

This section describes the screen configuration of EPSON Total Disc Monitor.

See Help of EPSON Total Disc Monitor for details on use.



(1)	Pause	Pauses the selected job.
(2)	Resume	Resumes the selected job.
(3)	Cancel	Cancels the selected job.
(4)	Select All	Select all jobs published.
(5)	Priority Publishing	Processes the selected job before the others.
(6)	Finished job details	Displays the selected finished job details.
(7)	Help	Displays Help.
(8)	Operation Guidance	Displays the product's status or the content and message of an error.
(9)	Ink status	Displays the remaining ink.
(10)	Printer status	Displays the printer status.
(11)	Drive Status	Displays the drive status.
(12)	Stacker status	Displays the stacker status.

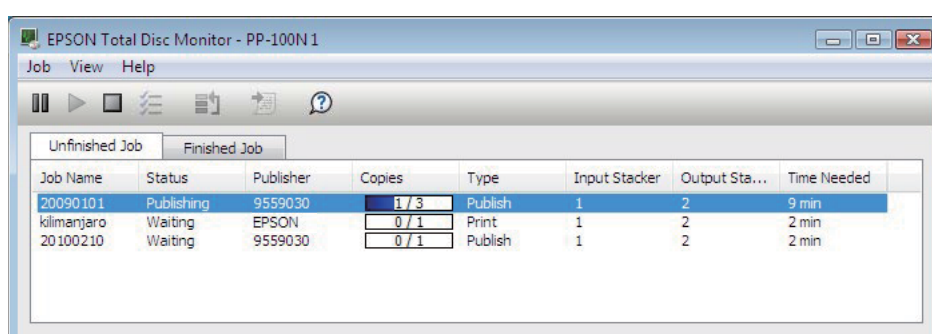
Notes

The number of printable labels is an estimate of how many more the same type of labels as last time can be printed. This value may differ slightly from the actual value due to factors such as the printing data and printing environment. Values up to 1000 are displayed as "1000 or more", and quantities less than 1000 discs are displayed in 10-disc units.

Click the [Unfinished Job] tab and [Finished Job] tab to display each screen.

[Unfinished Job] screen

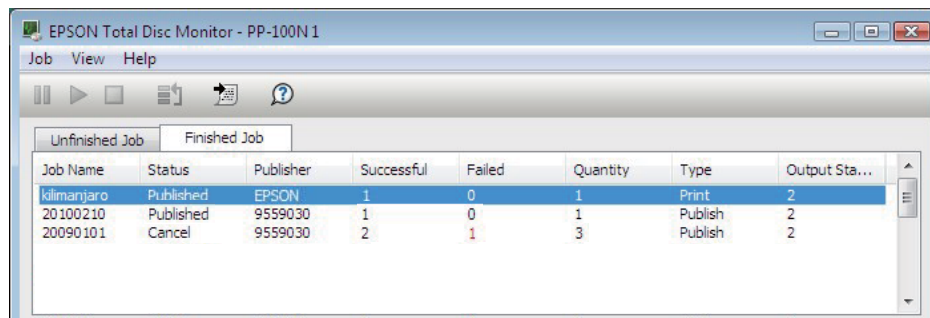
The [Unfinished Job] screen displays information on jobs with the status of Waiting, Publishing, Paused, Pausing, Canceling, Standby, or Recovering. Right-click a job to select [Pause Job], [Resume Job],[Cancel Job], or [Priority Publishing].



Item	Description
Job Name	Displays the job name. The job name is set automatically from, for example, the volume label of writing data registered with EPSON Total Disc Maker.
Status	Displays the job status.
Publisher	Displays the publisher of the job.
Copies	Displays the number of discs published normally / the total number of discs to be published.
Type	Displays a job type such as Print, Write, or Publish (print and write).
Input Stacker	Displays the disc input stacker number.
Output Stacker	Displays the disc output stacker number.
Time Needed	Displays the estimated time for the period from the start to end of job processing.

[Finished Job] screen

The [Finished Job] screen displays information on jobs for which publishing is finished.



Item	Description
Job Name	Displays the job name.
Status	Displays the status when the job finished.
Publisher	Displays the publisher of the job.
Successful	Displays the number of discs for which printing, writing, publishing, or the like was successful.
Failed	Displays the number of discs for which printing, writing, publishing, or the like failed.
Quantity	Displays the number of discs specified to be created.
Type	Displays the job type.
Output Stacker	Displays the disc output stacker number.

EPSON Total Disc Net Administrator

What is EPSON Total Disc Net Administrator?

EPSON Total Disc Net Administrator is an internal Web application of this product for performing tasks such as managing jobs, users, and data for maintenance.

EPSON Total Disc Net Administrator displays different screens and functions depending on the authority of user logged in.

Logging in to EPSON Total Disc Net Administrator


- 1 Turn the product on.
- 2 Enter the IP address, host name, or FQDN for this product in the browser's address bar.
Example: When the product's IP address is 192. 168. 192. 168: http://192. 168. 192. 168



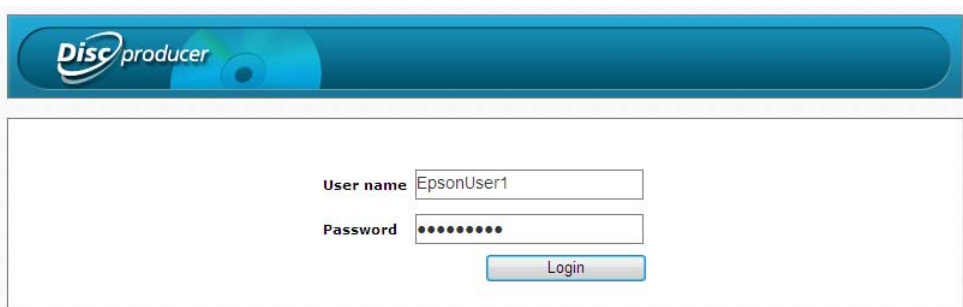
Total Disc Net Administrator may not start correctly depending on your environment. If this happens, add this product's IP address to your "Trusted sites" or "Local Intranet".

Notes

You can also start EPSON Total Disc Net Administrator in the following ways:

- Click  in EPSON Total Disc Maker/EPSON Total Disc Setup.
- Click [Start Total Disc Net Administrator] on the [Tools] menu in EPSON Total Disc Maker/EPSON Total Disc Setup.
- If notification email transmission is set by the administrator, click the URL in the email sent from EPSON Total Disc Net Administrator.

- 3 Enter the user name and password, and click [Login].




- The first time you log in, confirm the user name and password with the administrator. After you log in, change your password first. (See "Changing password" on page 37 in this guide for the procedure to change your password.)
- Manage the password so that it cannot be used by anyone other than you.

Logging out from EPSON Total Disc Net Administrator

Click [Logout] in the upper right of the screen.



Displaying Help of EPSON Total Disc Net Administrator

Help of EPSON Total Disc Net Administrator contains the procedures for using and specifications of EPSON Total Disc Net Administrator.

- 1 Start EPSON Total Disc Net Administrator.
See “Logging in to EPSON Total Disc Net Administrator” on page 55 in this guide for the start procedure.
- 2 Click [Help] in the top right.



Screen configuration of EPSON Total Disc Net Administrator

This section describes the screen configuration of EPSON Total Disc Net Administrator.

See Help of EPSON Total Disc Net Administrator for details on use.

Click the [Job management] tab, [User information/User management] tab, [System settings] tab (administrator only), and [Maintenance] tab to display each screen.

[Job management] screen

The [Job management] screen displays the jobs published to this product. If you use search options, a job list of the search results is displayed in accordance with the conditions specified.

Click [Details] to display the [Job details] screen.

Job status list				
Search options				
Search target		Date	Status	
Date published		December 3, 2008	All	Search
Details	Dec 3, 2008	DVD_Video	Publishing	
Details	Dec 3, 2008	sample_data	Completed	
Details	Dec 2, 2008	20090101	Completed	

1/1

Jobs that can be republished: 1

[Job details] screen

The [Job details] screen displays details on Jobs. You can use the job information of a finished disc to publish another disc with the same content.

Disc producer User name: EpsonUser1

Job management **User information** **Maintenance** [Back](#)

Job details

Disc information			Basic information													
Data			Job name	sample_data												
<table border="1"> <thead> <tr> <th>Name</th> <th>Size</th> <th>Date Modified</th> </tr> </thead> <tbody> <tr> <td>+ sample_data_1</td> <td></td> <td></td> </tr> <tr> <td>+ sample_data_2</td> <td></td> <td></td> </tr> <tr> <td>+ sample_data_3</td> <td></td> <td></td> </tr> </tbody> </table>			Name	Size	Date Modified	+ sample_data_1			+ sample_data_2			+ sample_data_3			Date published	Dec 3, 2008 20:02:07
Name	Size	Date Modified														
+ sample_data_1																
+ sample_data_2																
+ sample_data_3																
			Last updated	Dec 3, 2008 20:03:26												
			Status	Completed												
			Publishing information													
Disc type			Job type	Publish												
Data CD			Write verification	None												
Size			Write speed	40 X												
<div> <div></div> <div>0650 700</div> </div> 346.1 MB			Number of discs to be published	1 Disc(s)												
			Number of discs published	1 Disc(s)												
			Finished Job Details													
			Publishing was completed.													
			Republish													

[User information]/[User management] screen

The [User information (User management)] screen displays the user information for the currently logged in user. If an administrator is logged in, the screen displays the information of all registered users.

Click [Change password] to display the [Change password] screen. Click [Edit] to display the [Edit user] screen.

<When a user other than an administrator is logged in>

The screenshot shows the 'Disc producer' interface. At the top right, it says 'User name: EpsonUser1'. Below the header, there are three tabs: 'Job management', 'User information' (selected), and 'Maintenance'. To the right of these tabs are two buttons: 'Change password' and 'Edit user'. The main content area is titled 'User information' and contains a table with the following data:

User information	
User name	EpsonUser1
Full name	
Email address	
Authority	

<When an administrator is logged in>

The screenshot shows the 'Disc producer' interface. At the top right, it says 'User name: EpsonAdmin1'. Below the header, there are four tabs: 'Job management', 'User management' (selected), 'System settings', and 'Maintenance'. To the right of these tabs are two buttons: 'User registration' and 'User import'. The main content area is titled 'User list' and contains a table with the following data:

		User name	Full name
Edit	Delete	EpsonAdmin1	
Edit	Delete	EpsonAdmin2	
Edit	Delete	EpsonUser1	
Edit	Delete	EpsonUser2	

Below the table, it says '1/1'.

[Change password] screen

The [Change password] screen allows the password of the currently logged in user to be changed. If the currently logged in user is an administrator, the passwords of all registered users can be changed.

[Edit user] screen

The [Edit user] screen allows the full name and mail address of the currently logged in user to be edited. If the currently logged in user is an administrator, the full names, email addresses, and authorities of all registered users can be edited.

[System settings] screen (administrator only)

Click the [Output device] tab, [Network] tab, [Email] tab, and [Date/Time] tab to display each screen.

The screenshot shows the 'Disc producer' application interface. At the top, the user name is 'EpsonAdmin1'. Below the navigation bar, the 'System settings' tab is selected. Within this tab, the 'Output device' sub-tab is active. The settings are organized into sections: 'Device name' (PP-100N-xxxxx), 'Publish mode' (Mode: Standard mode, Stacker 1: CD-R, Stacker 2: Output stacker, Stacker 3: Do not use, and a checkbox for 'Stop after each job'), 'Drive settings' (Drive used: Use both, Number of write retries: 3 time(s)), 'Printer settings' (checkbox for 'Show error mark on discs that experience errors'), and 'Notification Settings' (checkbox for 'Beep when a job is finished, or when the source stacker is empty', with radio buttons for 'Notify after each job is finished' and 'Notify after all jobs are finished'). A 'Save' button is located at the bottom right.

[Output device] screen

The [Output device] screen allows you to check and change the settings of this product such as the Publish Mode, drive, and adding of error marks.

[Network] screen

The [Network] screen allows you to check and change the product's network settings.

[Email] screen

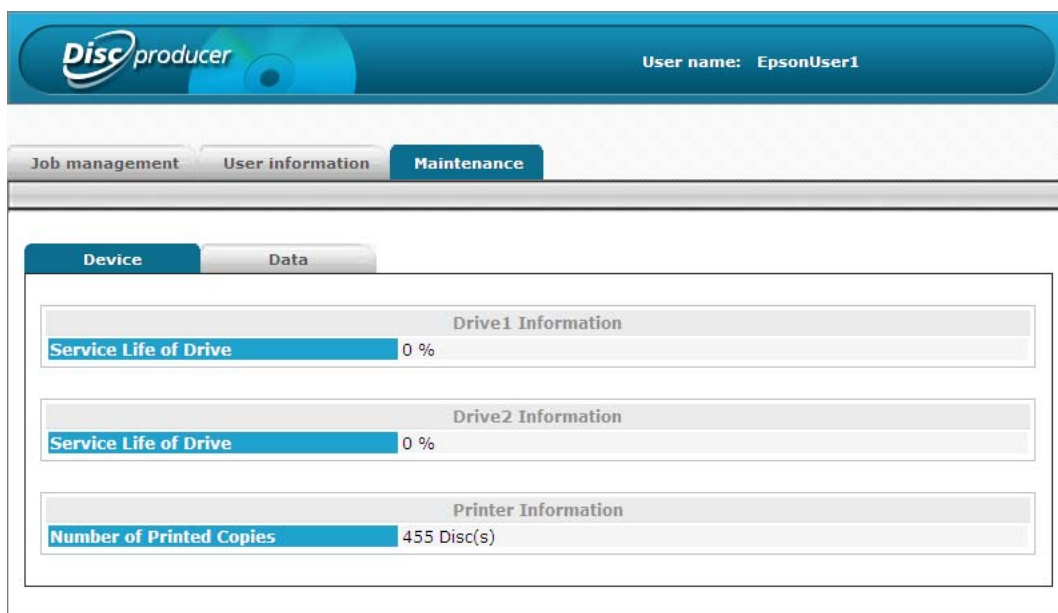
The [Email] screen allows you to set notification email transmission related to, for example, disc publishing and ink information.

[Date/Time] screen

The [Date/Time] screen allows you to set the product's internal clock.

[Maintenance] screen

Click the [Device] tab and [Data] tab to display each screen.



[Device] screen

The [Device] screen displays the product's drive usage status and the number of printed discs.

[Data] screen

Click [Download] in [Download operation log] to download information related to operation of the product. Use the operation log for maintenance and support.

If the currently logged in user is an administrator, data such as the product's setting information and job history can be backed up and restored. Furthermore, the product can be restored to the initial state.

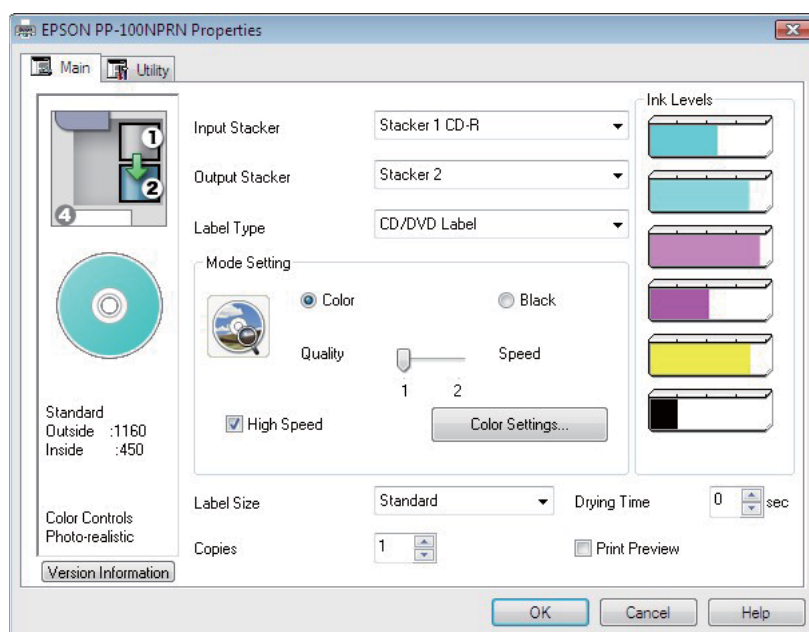
How to Use the Printer Driver

What is the Printer Driver?

You can use the printer driver to make basic settings for the product and perform maintenance operations such as checking the nozzles and cleaning the print head. The printer driver also allows you to print labels using applications other than EPSON Total Disc Maker, such as Illustrator.

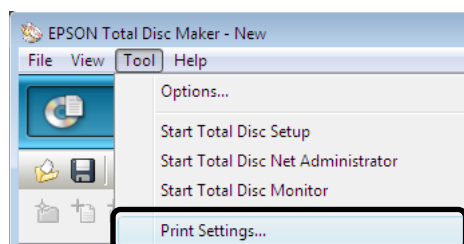
Displaying the printer driver screen

The printer driver screen can be displayed from EPSON Total Disc Maker, EPSON Total Disc Setup, and the [Start] menu.




Displaying from EPSON Total Disc Maker

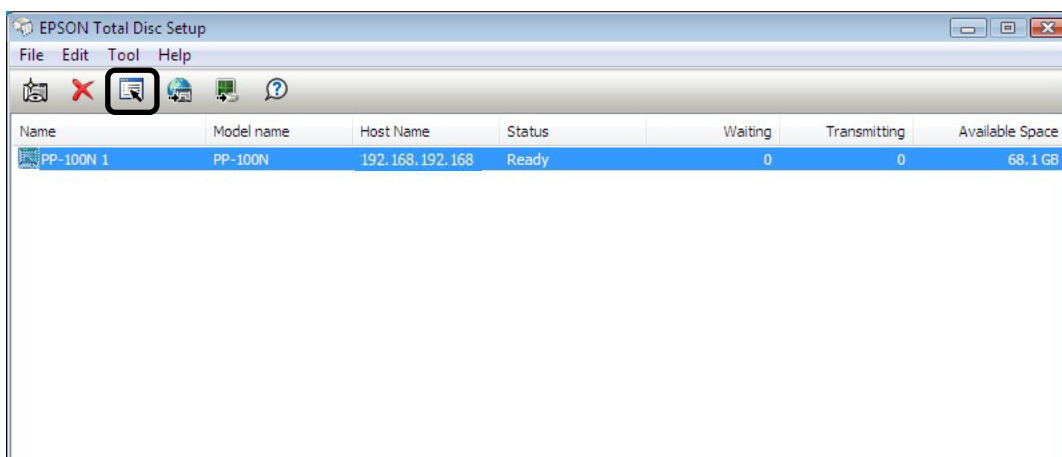
- 1 Start EPSON Total Disc Maker.
See "Starting EPSON Total Disc Maker" on page 40 in this guide for the start procedure.
- 2 Click [Print Settings] in the [Tool] menu.



The printer driver screen appears.

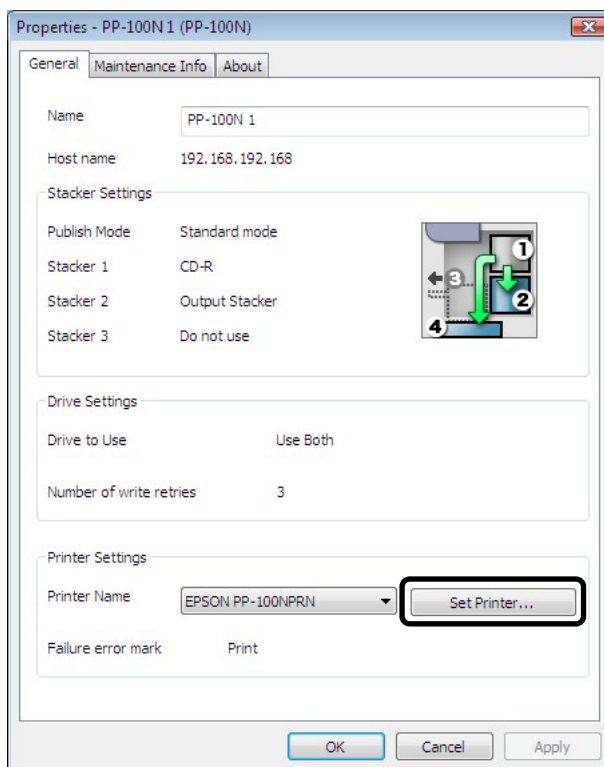
Displaying from EPSON Total Disc Setup

- 1 Start EPSON Total Disc Setup.
See “Starting EPSON Total Disc Setup” on page 44 in this guide for the start procedure.
- 2 Select this product, and click  [Properties].



Notes You can also display the properties screen by clicking [Properties] in the [Edit] menu.


- 3 Click [Set Printer].



The printer driver screen appears.

Displaying from the [Start] menu

The following procedure is for Windows 10. The procedure to display the printer driver may differ depending on your operating system. Check the specifications for your system.

- 1** Click Start() and then Settings.
- 2** From Bluetooth & Devices, click Printers & Scanners.
- 3** Right-click [EPSON PP-100NPRN], then click [Printing Preferences] in the menu.

Setting up the printer driver

[Main] screen

Make basic label printing settings in the [Main] screen.

If displayed from EPSON Total Disc Maker:

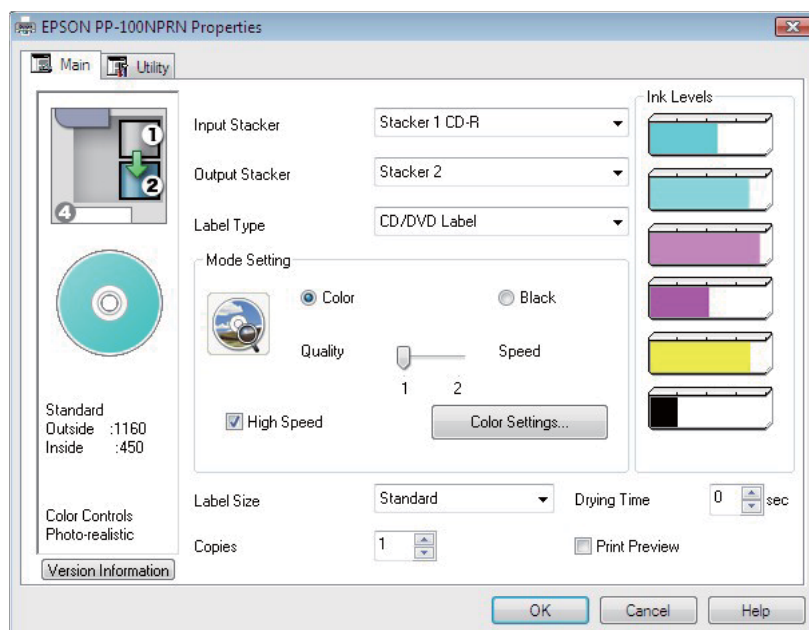
The settings are only reflected in EPSON Total Disc Maker. The settings are lost when you exit EPSON Total Disc Maker.

See “Displaying from EPSON Total Disc Maker” on page 62 in this guide for the printer driver displaying procedure.

If displayed from EPSON Total Disc Setup or the [Start] menu:

The information you set is saved as the printer driver settings, and after this, it is reflected in the EPSON Total Disc Maker settings and other application print settings.

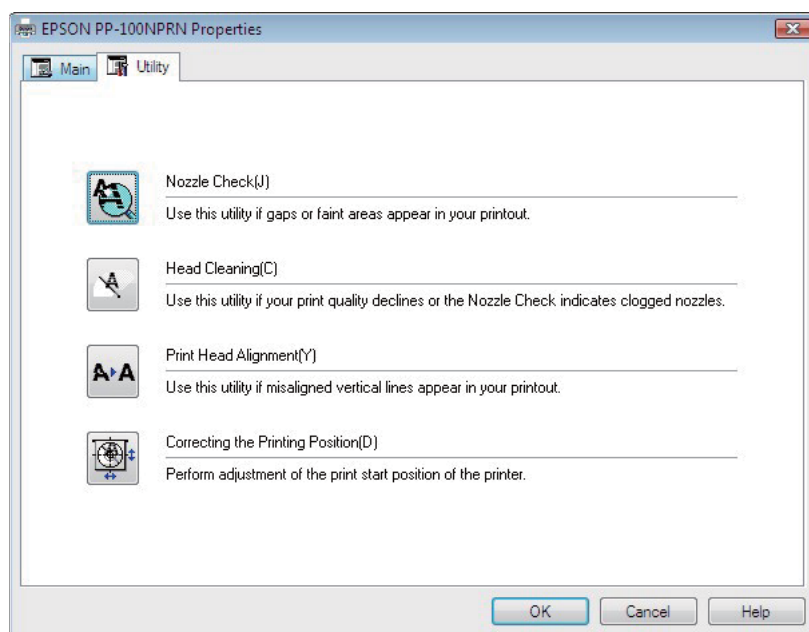
See “Displaying from EPSON Total Disc Setup” on page 63 in this guide or “Displaying from the [Start] menu” on page 64 in this guide for the printer driver displaying procedure.



Input Stacker		Allows you to select the stacker where the blank discs are set.
Output Stacker		Allows you to select the stacker to which to output published discs.
Label Type		<p>Allows you to select the type of disc label to be printed.</p> <ul style="list-style-type: none"> • If you print on the matte label type of Epson specified CDs, select [CD/DVD Label]. • If you print on the matte label type of Epson specified DVDs, select [CD/DVD Premium Label].
Mode Setting	Color/Black	Select [Color] to print in color, and select [Black] for monochrome printing.
	Quality/Speed	<p>1: Print quality is the priority.</p> <p>2: Printing speed is the priority.</p> <p>This is set to [1] if [Label Type] is set to [EPSON Specified CD/DVD Label].</p>
	High Speed (Bidirectional printing)	<p>If you check this, the printing speed increases because it prints when the print head is moving either left or right.</p> <p>Uncheck this to print in a single direction, which improves the print quality. However, the printing speed slows down.</p>
	Color Settings	<p>Click this to display the [Color Settings] screen (see page 131 in this guide).</p> <p>Allows you to set the print colors.</p>
Label Size		<p>Allows you to select from among the following label sizes from commercially available software.</p> <ul style="list-style-type: none"> • Standard: Outside Diameter 116.0 mm, Inside Diameter 45.0 mm • Wide: Outside Diameter 116.0 mm, Inside Diameter 25.5 mm • User defined label size: Allows you to set a custom size
Copies		Allows you to specify the number of copies to write/print. (0 to 1000)
Ink Levels		Shows the approximate level of ink remaining in the ink cartridges.
Drying Time		Allows you to set the time it takes to dry the ink on the discs in the printer tray after label printing is finished.
Print Preview		Select this checkbox to confirm an image of the printing results on screen before printing when you print from commercially available software.

[Utility] screen

In the [Utility] screen, you can run various maintenance functions to maintain the print quality as well as make settings for running the printer driver.



Nozzle Check	Allows you to print a pattern for checking if the print head is clogged. Check the printed pattern to see whether or not the print head is clogged. See "How to perform a nozzle check" on page 152 in this guide for details on how to use this function.
Head Cleaning	Allows you to clean the print head. Run this when the print head is clogged. See "How to clean the print head" on page 156 in this guide for details on how to use this function.
Print Head Alignment	Adjusts the alignment when the printing results show gaps in vertical lines or appear blurry. See "Print head alignment" on page 158 in this guide for details on how to use this function.
Correcting the Printing Position	Allows you to adjust the printing position up, down, left, or right. Run this if you have checked the printing results on your disc and found that the printing position has shifted. See "Correcting the printing position" on page 160 in this guide for details on how to use this function.

Printer Driver Basics

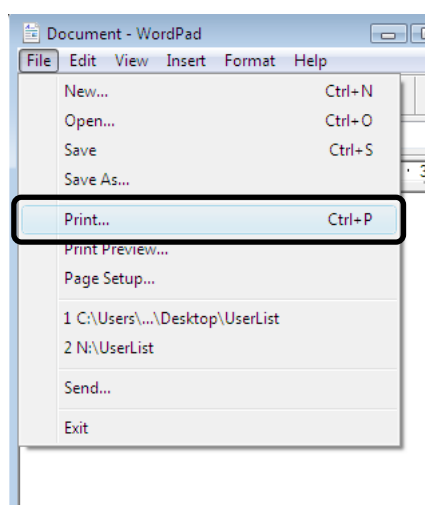
When you print labels using commercially available software, you set the printer driver to be used and the size of the paper to be printed.

Notes

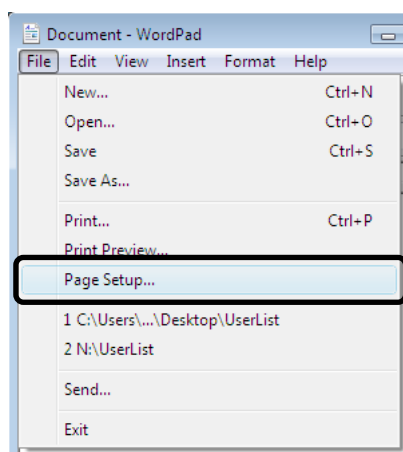
If the publish mode is set to "Standard Mode" and stacker 3 is set to "Use" printing from commercial software is not possible.

This section describes how to print labels using data created in Microsoft Office Word.

- 1 Start WordPad.
- 2 Click [Print] in the [File] menu.



- 3 Select EPSON PP-100NPRN as the printer to use, and click [Apply].
- 4 Click [Cancel] to close the [Print] screen.
- 5 Click [Page Setup] in the [File] menu.



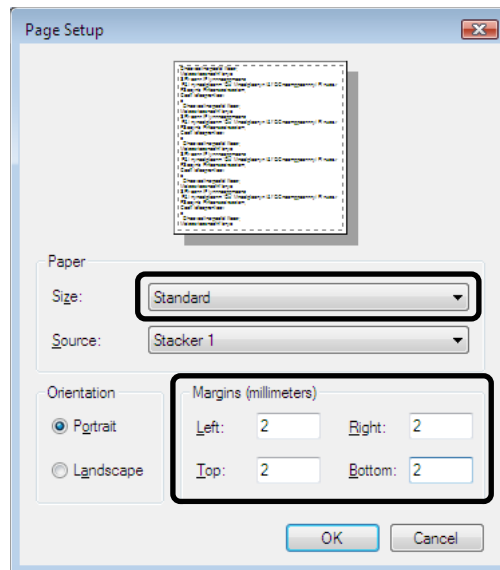
6 Set [Size] and [Margins] as shown below, and click [OK].

[Size] setting:

Standard	In [Width] and [Height], 124 x 124 mm are set.
Wide	In [Width] and [Height], 124 x 124 mm are set.
Custom Size	Allows you to set the values you want in [Width] and [Height].

[Margins] settings:

Set each of [Left], [Right], [Top], and [Bottom] to 2 mm.



Notes

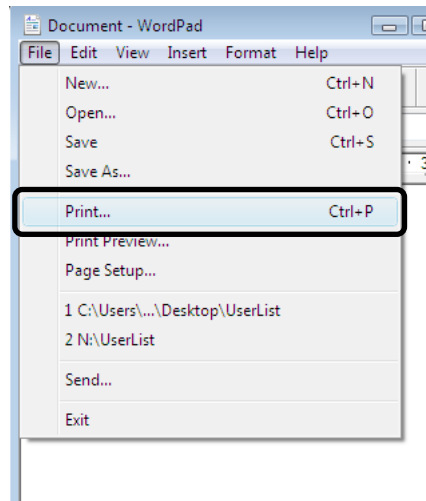
When you print using software other than EPSON Total Disc Maker, create the print data using the following settings.

Paper size: 124×124 mm

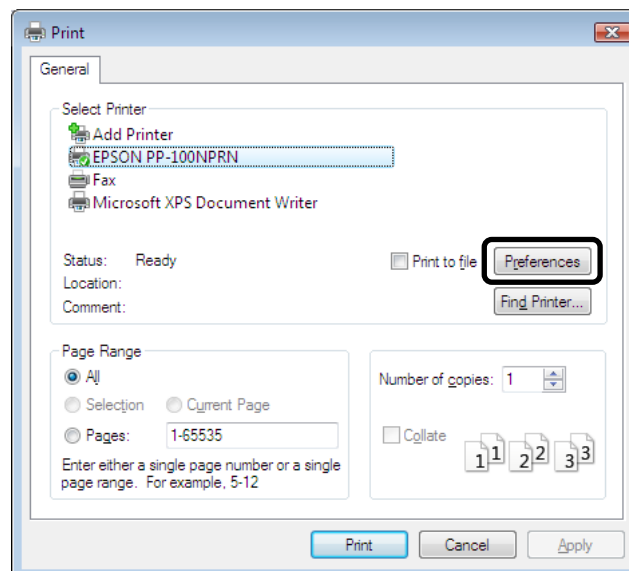
Top, bottom, left, and right margins: 2 mm.

7 Create the data to be printed.

- 8 Click [Print] in the [File] menu.

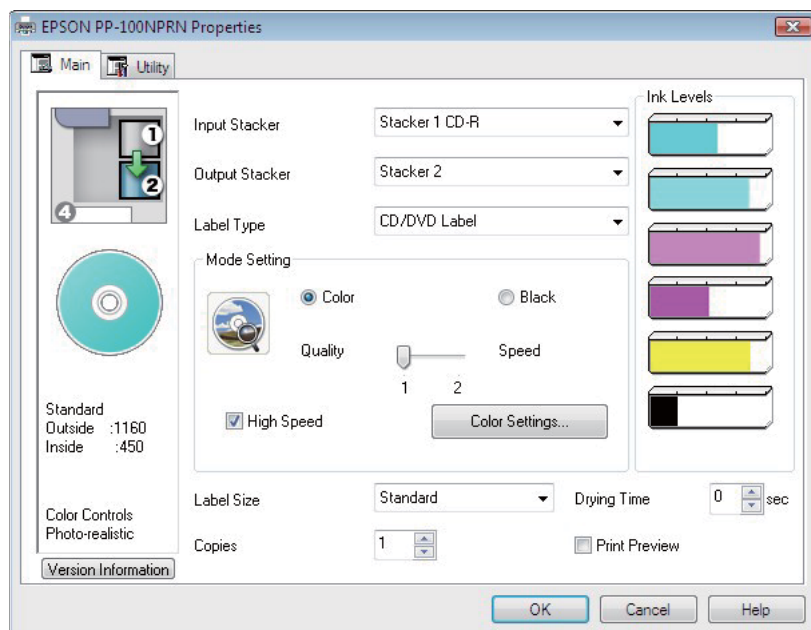


- 9 Click the [Preferences] button.



10 Setup the printer driver and click [OK].

See “Setting up the printer driver” on page 65 in this guide for details on the printer driver settings.

**11** Click [Print].

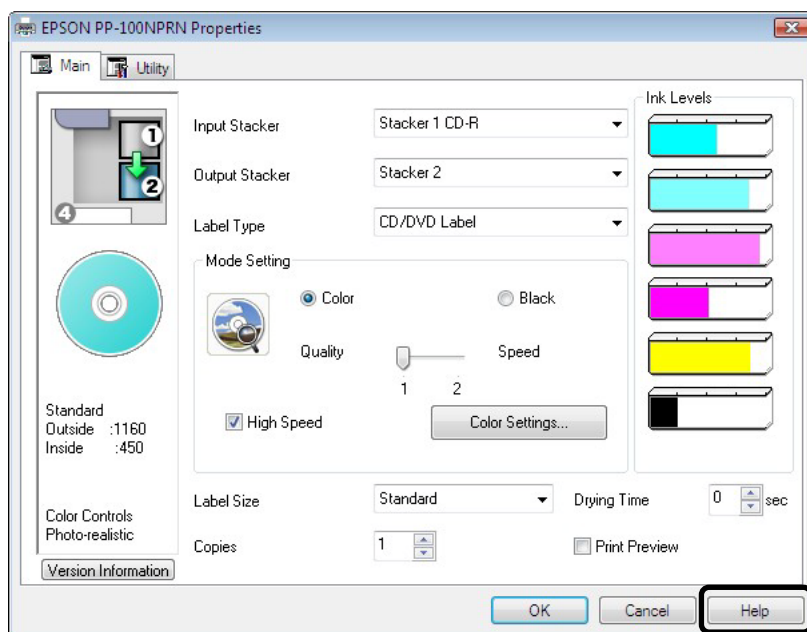
Printing starts.

Displaying the printer driver Help

This section describes how to display the printer driver Help.

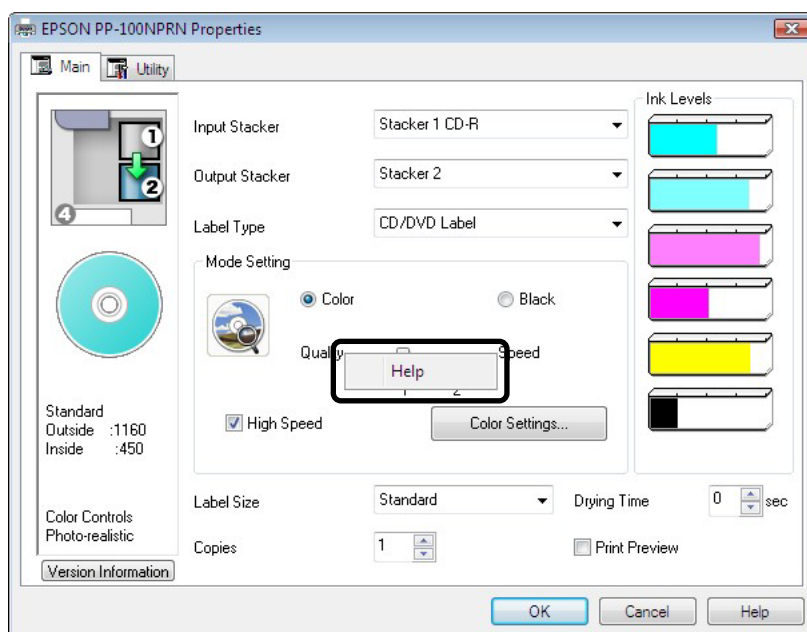
How to display the EPSON printer driver Help

Click the [Help] button.



How to display an explanation of an option

To display an explanation of an option, right-click over the option you want to know about, and click the Help button.



Publishing Discs

Types of Publish Mode

This product has the following Publish Modes: Standard Mode, External Output Mode, and Batch Mode.

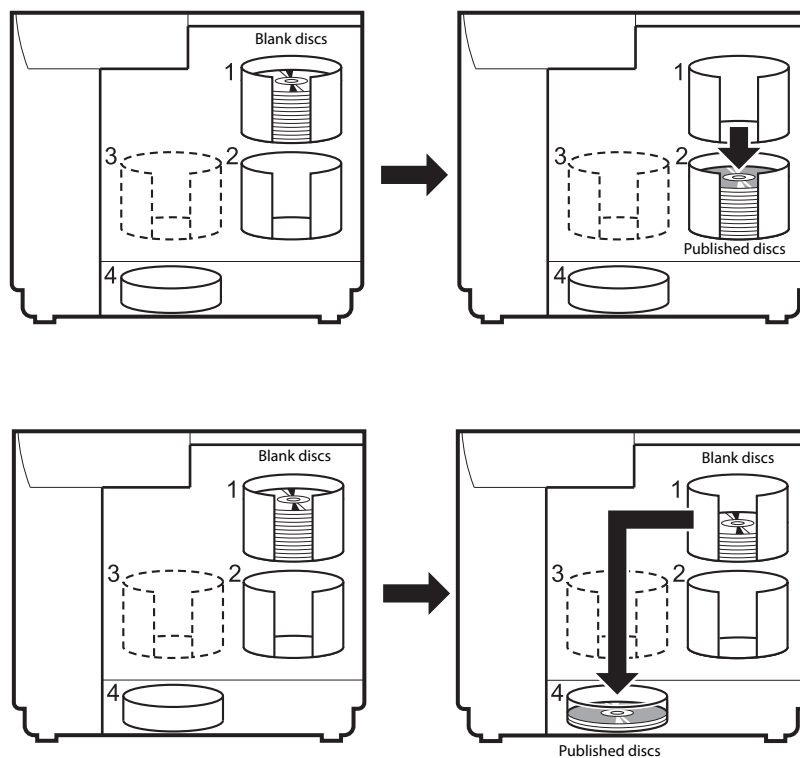
Standard Mode

This mode uses Stacker 1 as the input stacker for discs. You can select Stacker 2 or Stacker 4 as the output stacker.

If you select Stacker 2 as the output stacker, you can publish up to 50 discs without having to replenish the discs or take out published discs.

If you select Stacker 4 as the output stacker, you can easily take out published discs without even having to pause a job during publishing.

Repeatedly replenishing and taking out discs allows for the continuous publishing of up to 1,000 discs.



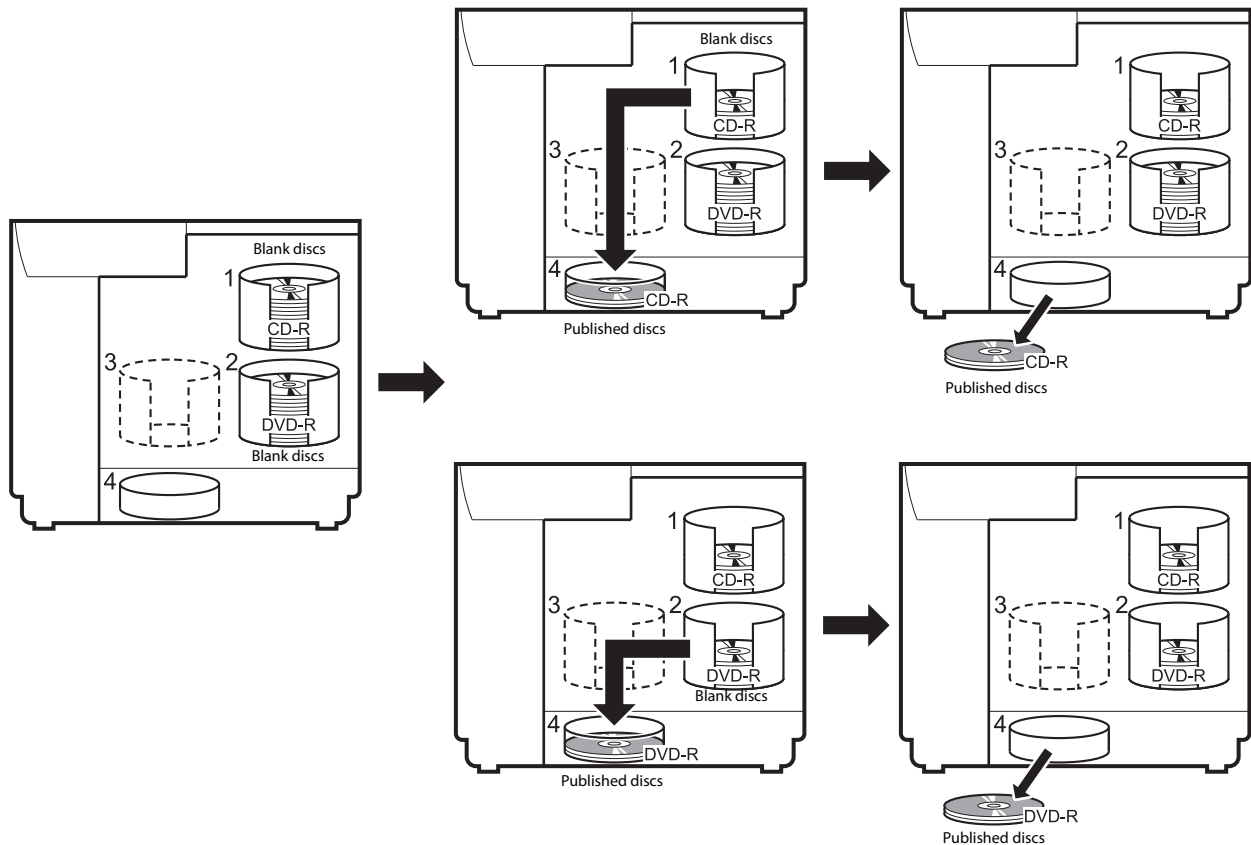
External Output Mode

You can select Stacker 3 or Stacker 4 as the output stacker. If you select Stacker 4 as the output stacker, you can easily take out published discs without even having to pause a job during publishing.

The External Output Mode allows you to use the product in the following ways according to the application.

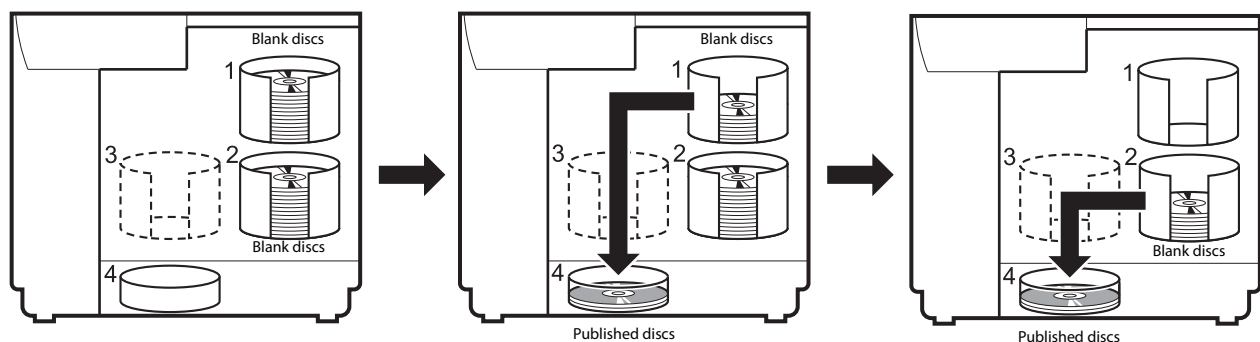
- Loading a different type of disc into each stacker

If, for example, CD-Rs are loaded in Stacker 1 and DVD-Rs are loaded in Stacker 2, a user can just select a stacker as necessary to publish the required discs without having to change the discs.



- Continuous publishing of the same type of disc

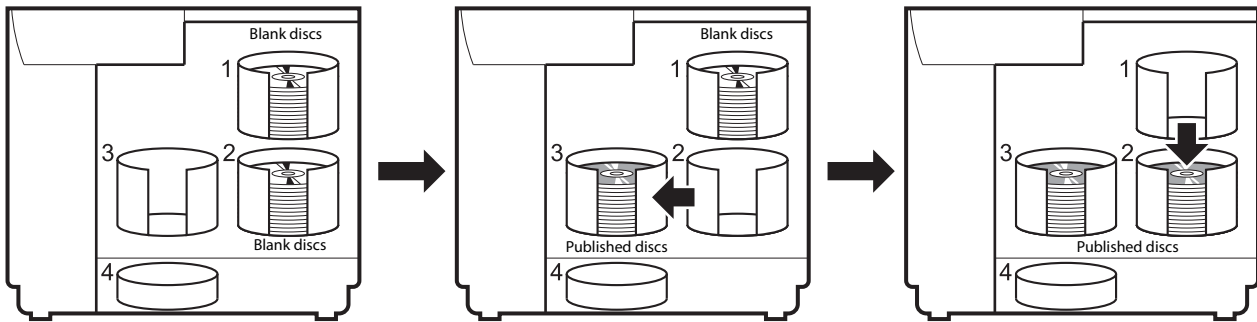
If the same type of discs are loaded in Stacker 1 and Stacker 2 and [Auto] is selected for the input stacker setting, up to 100 CDs/DVDs can be continuously published by taking out published discs without replenishing discs. Up to 1000 CDs/DVDs can be continuously published in a single job by replenishing discs and taking out published discs.



Batch Mode

This mode uses Stacker 1 and Stacker 2 as the input stackers for discs, and Stacker 2 and Stacker 3 as the output stackers.

Loading 50 discs in each of Stacker 1 and Stacker 2 allows for the continuous publishing of 100 copies of the same disc without having to replenish the discs or take out published discs. Repeatedly replenishing and taking out discs allows for the continuous publishing of up to 1,000 discs. If you use this mode, be sure to insert Stacker 3.



Compatible disc types

Printable disc and writable disc types differ. When using this product for both printing and writing, use discs that are compatible with both.

Printable disc types

The product can print on 12-cm CD/DVD/BD discs that support using an inkjet color printer to print on the label surface*.

* Discs for which “printable label surface,” “inkjet printer compatible,” or the like is specified in the instructions for the discs.



- The product supports discs for inkjet printers.
- Coated discs other than Epson specified discs are not supported.
- 80-mm discs are not supported.
- Do not use discs that have lens cleaner, labels or stickers, or condensation on them. Doing so may result in an malfunction or failure.
- Do not use a cracked, warped, or deformed disc. The disc may break into pieces inside the product, resulting in a malfunction, or an injury when the disc is taken out.
- With some discs, ink may get on the recording surface if the discs are stacked immediately after printing. We recommend using a disc you do not need to do a test print to check the print quality. Wait at least 24 hours before checking the color.
- With some discs, the printing position may be shifted. Perform the print head alignment and the printing position correction. See “[Utility] screen” on page 67 in this guide for details on print head alignment and printing position correction.
- If you use discs with a small stack ring (concentric circular projection), the discs may stick to each other before or after printing.
- Even if the same data is printed on identical discs, the same print results may not be able to be achieved because of the individual differences (variations) of each disc.

Notes

Disc quality may affect print quality. We recommend using Epson specified discs. Epson offers specified discs for all your printing needs.

Writable disc types

The product can write the following types of disc.

Type	Capacity	Characteristics
CD-R	650/700 MB	The rewriting and deleting of data is not possible once data has been written.
DVD-R	4.7 GB (single sided, single layer)	The rewriting and deleting of data is not possible once data has been written. This is a standard DVD defined by the DVD Forum.
DVD+R	4.7 GB (single sided, single layer)	The rewriting and deleting of data is not possible once data has been written. This is a standard DVD defined by the DVD+RW Alliance.
DVD-R DL	8.5 GB (single sided, double layer)	The rewriting and deleting of data is not possible once data has been written. This disc allows double-layer recording on a single side. This increases the capacity, thus enabling recording for a long time or recording of high-quality video. This is a standard DVD defined by the DVD Forum.
DVD+R DL	8.5 GB (single sided, double layer)	The rewriting and deleting of data is not possible once data has been written. This disc allows double-layer recording on a single side. This increases the capacity, thus enabling recording for a long time or recording of high-quality video. This is a standard DVD defined by the DVD+RW Alliance.
BD-R	25 GB (single sided, single layer)	The rewriting and deleting of data is not possible once data has been written. This increases the capacity, thus enabling recording for five times more data than an ordinary DVD. This is a standard BDs defined and promoted by the Blu-ray Disc Association.
BD-R DL	50 GB (single sided, double layer)	The rewriting and deleting of data is not possible once data has been written. This disc allows double-layer recording on a single side. This increases the capacity, thus enabling recording of two times more data than a BD-R.
BD-R XL100*	100 GB (single sided, three layer)	The rewriting and deleting of data is not possible once data has been written. This disc allows three-layer recording on a single side. This increases the capacity, thus enabling recording of four times more data than a BD-R.
BD-R XL128*	128 GB (single sided, four layer)	The rewriting and deleting of data is not possible once data has been written. This disc allows four-layer recording on a single side. This increases the capacity, thus enabling recording of five times more data than a BD-R.

* When using BDXL, all drives must support BDXL (must be BDE-PR1EP2) and Total Disc Maker Version 9.5 or later is required.



- 80-mm discs are not supported.
- Do not use discs that have lens cleaner, labels or stickers, or condensation on them. Doing so may result in an malfunction or failure.
- Do not use a cracked, warped, or deformed disc. The disc may break into pieces inside the product, resulting in a malfunction, or an injury when the disc is taken out.
- Writing (reading) may not be performed properly if a disc has a slight scratch or is dirty. Be sufficiently careful when handling discs.
- Depending on the discs used, writing may not be able to be performed properly at the speed recommended for the disc. If this happens, write at a slower speed. In particular, we recommend writing to DVD±R DL at a slow speed.
- Layer jump recording is not supported.

Notes

- Disc quality may affect write quality. We recommend using Epson specified discs. Epson offers the specified discs for all your printing needs.
- See EPSON Total Disc Maker Help for details on writable disc types.

Handling discs

Notes on usage



- Do not touch the recording surface when holding a disc.
- Handle discs carefully to ensure fingerprints, dirt, dust, moisture, scratches, etc., do not get on the label surface and recording surface. Gently wipe off any dust, dirt, and the like with a soft dry cloth or a commercially available CD cleaner. Do not use benzene, thinner, or antistatic agents.
- Do not drop a disc, or subject it to an impact.
- Do not apply excessive force by, for example, pinching with a clip or bending.
- Do not attach an adhesive sticker to a disc. Doing so may result in writing, printing, or playing no longer being possible.
- Do not use discs in a place where lots of dirt and dust are present.
- If writing and printing are performed separately, we recommended performing writing before printing.
- Leaving discs stacked may result in them sticking to each other.
- Directly touching or getting moisture on the printing surface immediately after printing may result in blurring.
- Let discs dry sufficiently after printing. However, let them dry naturally. Do not use a dryer or other means.
- Text can only be written on the printing surface. When writing, use a felt tipped pen or other writing instrument with a soft tip. Do not use a ballpoint pen, pencil, or other writing instrument with a hard tip. Also, do not attempt to erase text once it has been written.
- Do not use a disc printed with this product in an auto loading mechanism, a drive with a holding mechanism that has diameter of 33 mm or more, or an in-car drive. Also, do not leave a disc in equipment for a long period of time.
- A published disc may not be able to be recognized if it is incompatible with the drive or player.

Notes on storage



- Do not place discs in a location where they will be subject to high temperature and humidity such as locations under direct sunlight, near heating equipment.
- Do not place discs in locations where temperatures vary greatly. Doing so may result in condensation.
- Do not place an object on a disc.
- When storing discs, keep them in their disc cases and take care that film, card, or other material does not touch the printing surface. Such materials may scratch the printing surface.
- Do not store discs in soft cases or bags which may touch the printing surface directly. Doing so may result in discs sticking, uneven color, or discoloration.
- Do not store discs with part of the printing surface covered. Doing so may cause uneven color or discoloration.
- Back up (copy) important data just in case. When storing data for a long period of time, we recommend backing it up periodically.

Notes

See the handling instructions of the discs for other handling procedures and precautions for discs.

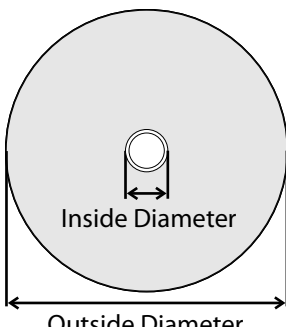
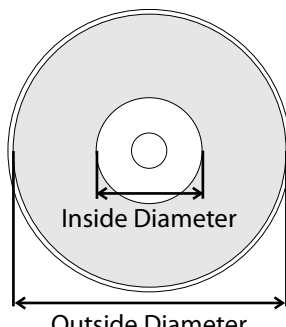
Printable area

The printable area is the area of the label surface on which printing is possible.

The printable area and recommended print area are shown in the table below. Printing will be done in the gray area in the figure below.

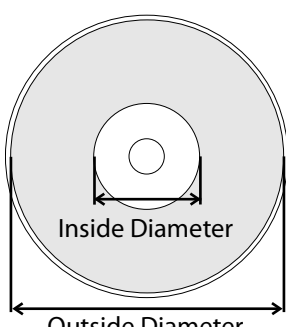
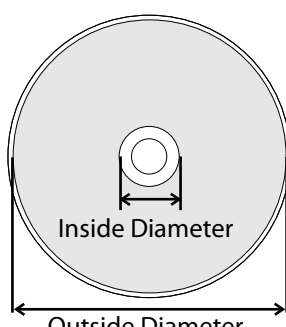


- Printing outside of the recommended print area may result in the discs or tray becoming dirty, peeling off or blurring of the print, or discs sticking together.
- If you print outside of the printing range (ink absorbing layer) of the discs you are using, the ink printed outside the printing area will not fix. Check the label print range of the discs you are using before configuring the setting.

Printable area		Recommended print area	
			
Inside diameter	Outside diameter	Inside diameter	Outside diameter
18.0 mm	119.4 mm	45.0 mm	116.0 mm

Set the print area in [Set Inside/Outside Diameter] of EPSON Total Disc Maker or [Label Size] on the printer driver screen. Select from [Standard] and [Wide], or set an optional size. (See “Changing the print area” on page 82 in this guide for how to set an optional size.)

The print areas of [Standard] and [Wide] are shown in the table below. Printing will be done in the gray area in the figure below.


Standard		Wide	
			
Inside diameter	Outside diameter	Inside diameter	Outside diameter
45.0 mm	116.0 mm	25.5 mm	116.0 mm

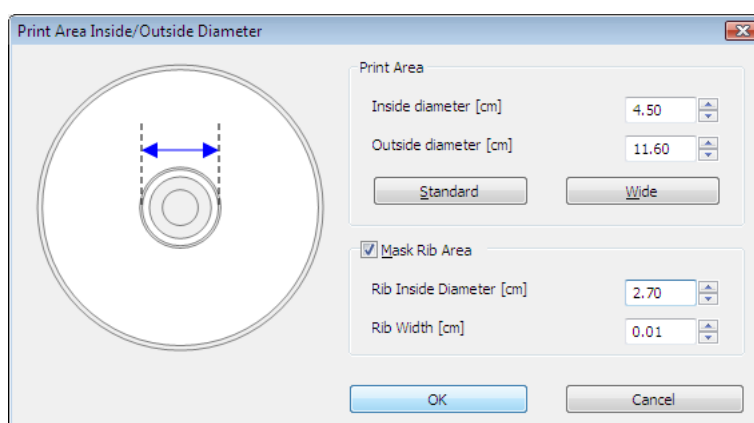
Changing the print area

Changing the print area setting allows you to print the label at a size other than standard and wide.

EPSON Total Disc Maker:

Use the following procedure to set an optional print area.

- 1 Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
- 2 Click [Label].
The label view appears.
- 3 Click  [Set Inside/Outside Diameter] on the toolbar.
The [Print Area Inside/Outside Diameter] dialog box appears.



- 4 Set the inside and outside diameters of the print area, and the rib area.

Setting Item	Description
Inside Diameter	Set the inside diameter of the label. You can set a value within the range of 1.80 to 5.00.
Outside Diameter	Set the outside diameter of the label. You can set a value within the range of 7.00 to 11.94.
Mask Rib Area	Select this to mask the rib area. Rib refers to the protruding section of the disc inside circumference. Masking the rib area enables you to prevent ink running onto the rib when a printed disc and rib touch in the output stacker.
Rib Inside Diameter	Set the inside diameter of the rib area. You can set a value within the range of 2.70 to 5.00.
Rib Width	Set the width of the rib area. You can set a value within the range of 0.01 to 1.15.



- Before printing, check that the set print area does not exceed the print area of the discs you are using.
- Printing on the stack ring (concentric circular projection) portion may result in uneven coloring.
- Printing on the stack ring (concentric circular projection) portion may result in ink getting on the discs, peeling off, or discs sticking together after printing.

5 Click [OK].

The set inside and outside diameters are reflected in the edit area.

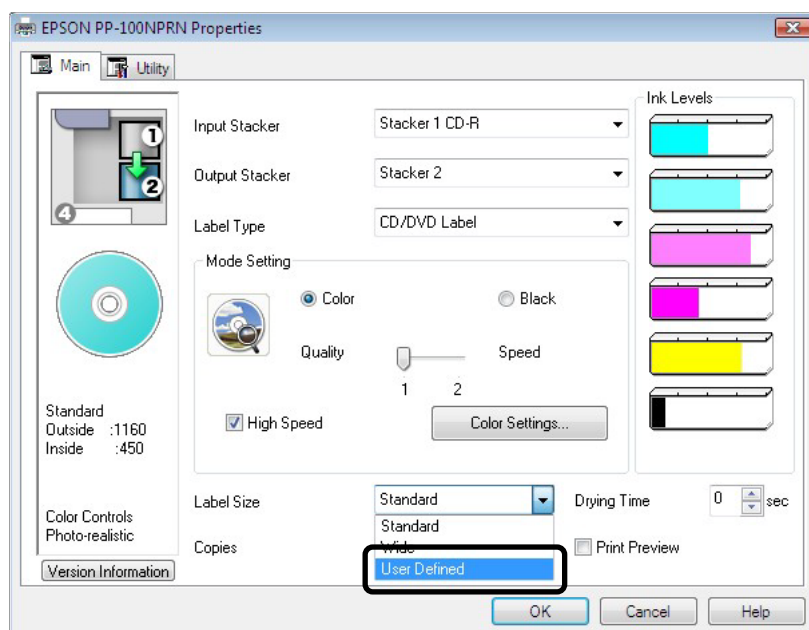
Printing from commercially available software

Use the following procedure to register a user defined label size (label size not provided with the printer driver).

1 Display the setting screen of the printer driver.

See “Displaying from EPSON Total Disc Setup” on page 63 or “Displaying from the [Start] menu” on page 64 in this guide for the display procedure.

2 Select [User Defined] for [Label Size].



- 3** Enter the settings for [Name of Custom Label Size], [Inside diameter], and [Outside diameter], and click [Save].

The 'User Defined' dialog box is shown with the following settings:

- Custom Label Size List:** A list box containing 'User Defined'.
- Name of Custom Label Size:** A text field containing 'Data CD'.
- Inside Diameter:** A numeric field set to 400, with a range of [180 ... 500].
- Outside Diameter:** A numeric field set to 1170, with a range of [700 ... 1194].
- Mask Rib Area:** A checked checkbox.
- Rib Inside Diameter:** A numeric field set to 300, with a range of [270 ... 500].
- Rib Width:** A numeric field set to 43, with a range of [1 ... 115].
- Unit:** Radio buttons for '0.01cm' (selected) and '0.01inch'.
- Buttons:** Save, Delete, OK, Cancel, and Help.

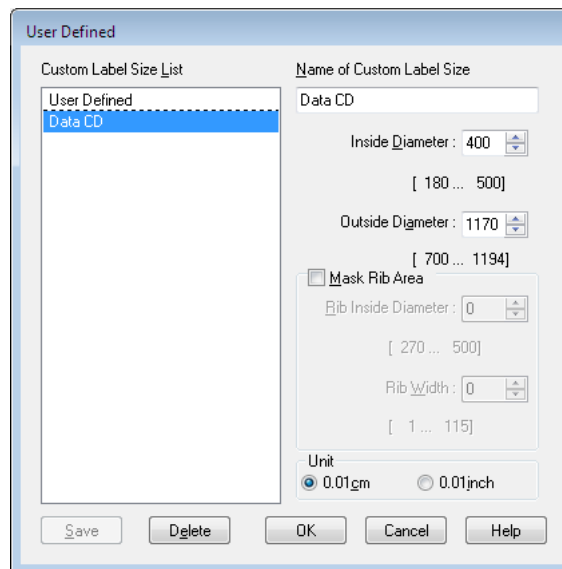
Setting Item	Description
Name of Custom Label Size	Enter the name of the user defined label size (number of characters: up to 24 characters). If characters that are 4 bytes are used, the number of characters you can use becomes less than the above.
Inside Diameter	Set the inside diameter of the label. You can set a value within the range of 180 to 500 (18.0 to 50.0 mm).
Outside Diameter	Set the outside diameter of the label. You can set a value within the range of 700 to 1,194 (70.0 to 119.4 mm).
Mask Rib Area	Select this to mask the rib area. Rib refers to the protruding section of the disc inside circumference. Masking the rib area enables you to prevent ink running onto the rib when a printed disc and rib touch in the output stacker.
Rib Inside Diameter	Set the inside diameter of the rib area. You can set a value within the range of 270 to 500 (27.0 to 50.0 mm).
Rib Width	Set the width of the rib area. You can set a value within the range of 1 to 115 (0.1 to 11.5 mm).



Printing inside the rib area may result in ink getting on discs, discs sticking together, or discoloration.

Notes

Setting the range outside of the recommended print area (inside diameter of 45.0 mm or more and outside diameter within 116.0 mm) and printing may result in the discs or tray becoming dirty, peeling off or blurring of the print, or discs sticking together. Check the label print range of the discs you are using before configuring the setting. See “Printable area” on page 81 in this guide for details on the recommended print area.

4 Click [OK].

The new user defined label size is registered in [Name of Custom Label Size] of the [Main] screen.

Notes

When printing with software other than EPSON Total Disc Maker, use the following settings to create print data.

- Paper size: 124 x 124 mm
- Margins on all sides: 2 mm

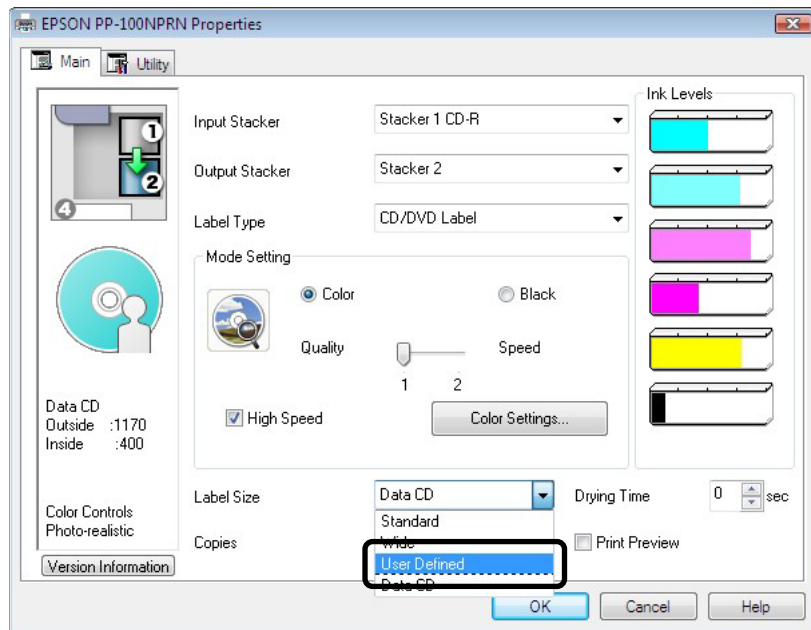
Changing and deleting label sizes

This section describes how to change and delete registered user defined label sizes.

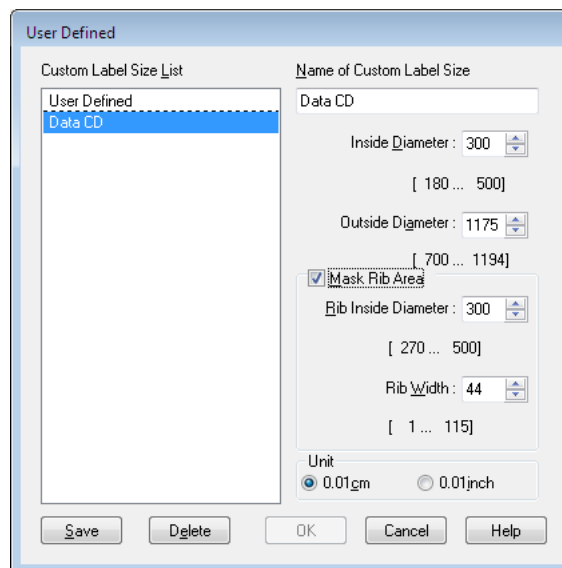
1 Display the setting screen of the printer driver.

See “Displaying from EPSON Total Disc Setup” on page 63 or “Displaying from the [Start] menu” on page 64 in this guide for the display procedure.

- 2** Select [User Defined] for [Label Size].



- 3** Select the label size to change or delete from [Custom Label Size List] on the left of the screen. To change the registered settings, edit the settings on the right of the screen.



- 4** Click [Save] to change the registered settings. Click [Delete] to delete the label size.

- 5** Click [OK] when the confirmation message appears.

Flow for Publishing Discs

This section describes how to publish discs using EPSON Total Disc Maker.

See “EPSON Total Disc Maker” on page 40 in this guide for details on EPSON Total Disc Maker.

**Notes**

See “Printer Driver Basics” on page 68 in this guide for printing data created with other software.

Loading discs

Follow the steps below to load discs in the stacker and insert it.



Load the discs in a stacker. Do not load discs in the drives or printer. Furthermore, do not load discs between Drive 1 and Drive 2. They may become unable to be taken out.

1 Fully separate the discs to prevent them from sticking together.

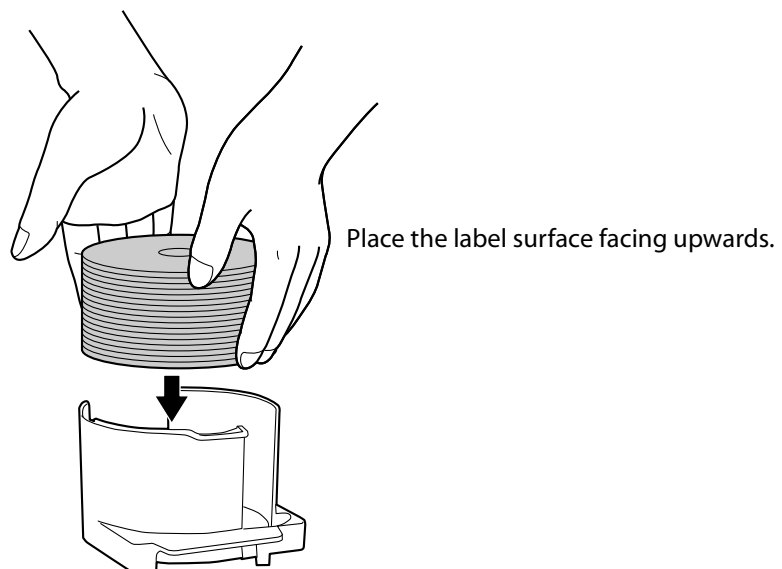


- Be sufficiently careful not to scratch a disc.
- If a long time elapses after discs are loaded in the stacker, the separated discs may stick together again. Fan the discs again if a long time has elapsed since they were loaded.

2 Take out the input stacker and load the discs into it.



Do not replenish or remove discs while the stacker is attached to this product. Be sure to remove the stacker beforehand.



The stacker to use as the input stacker differs depending on the set Publish Mode. Confirm the input stacker in the following table.

Publish Mode	Input Stacker	Number of Discs
Standard Mode	Stacker 1	Up to approximately 50 discs
External Output Mode (Different types of discs can be loaded into Stacker 1 and Stacker 2.)	Stacker 1	Up to approximately 50 discs
	Stacker 2	Up to approximately 50 discs
Batch Mode	Stacker 1	Up to approximately 50 discs
	Stacker 2	Up to approximately 50 discs



- Do not load discs above the dotted red line on the stacker. The product may malfunction, or the discs may be damaged.
- Make sure that the bottom of the stacker is not dirty before loading the discs.
- Do not mix CDs/DVDs with BDs in the same stacker. Otherwise, a disc pick error can easily occur.
- For Batch Mode and when Stacker 3 is set as the output stacker for External Output Mode, make sure that no discs are loaded in Stacker 3 and Stacker 4. Also, set the lock lever to the [LOCK] position, and do not pull out Stacker 4.
- Stacker 3 is not used in Standard Mode and when Stacker 4 is set as the output stacker for External Output Mode. Remove Stacker 3.

3 Insert the stacker, and close the disc cover.

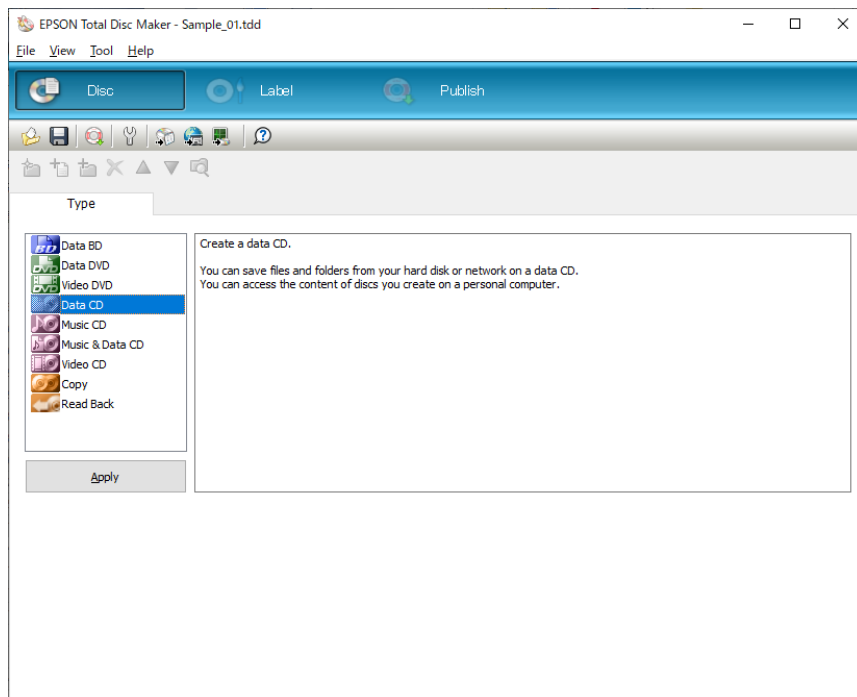
Registering write data

Follow the steps below to register write data in the disc view of EPSON Total Disc Maker.

Notes There is no need to register write data if you only want to print disc labels.

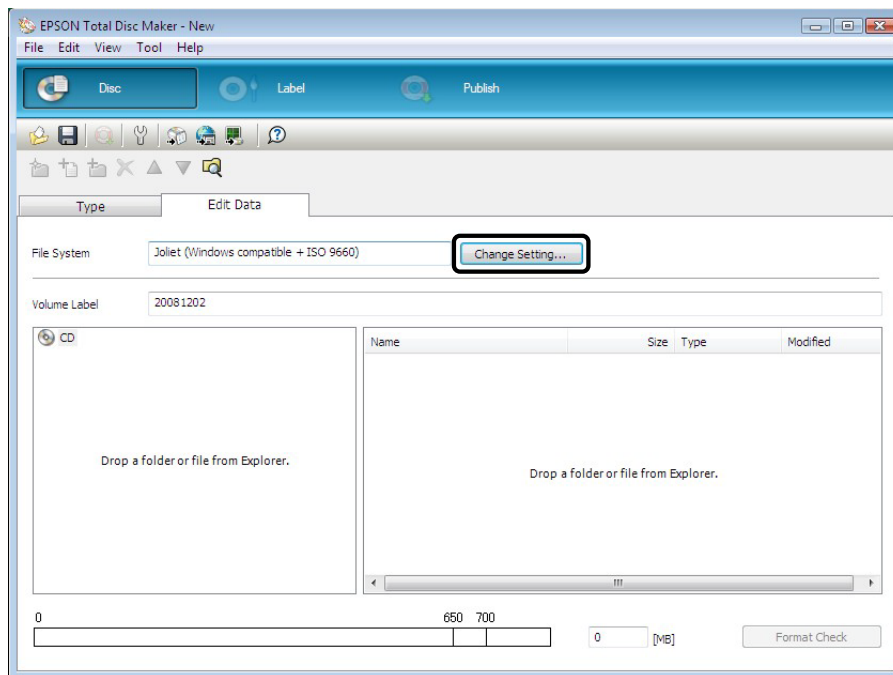
This section describes an example of the procedure to publish photo data CDs.

- 1 Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
The disc view appears.
- 2 Select [Data CD] for [Type], and click [Apply].

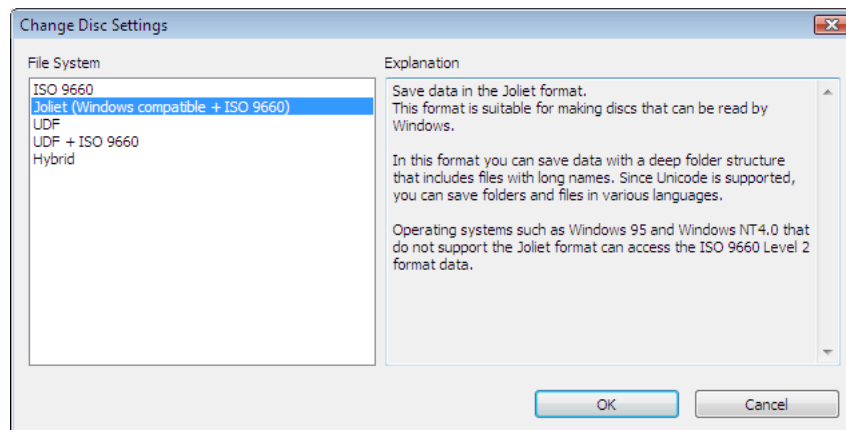


If the disc type you want to publish differs from that set for the input stacker, ask the administrator to change the disc type of the input stacker.

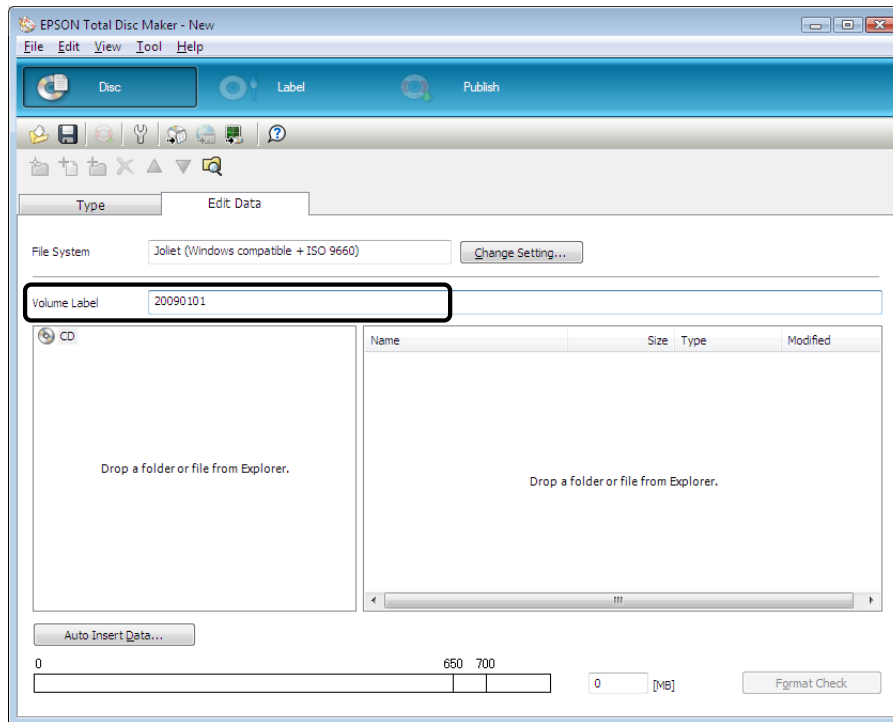
3 Click [Change Setting].



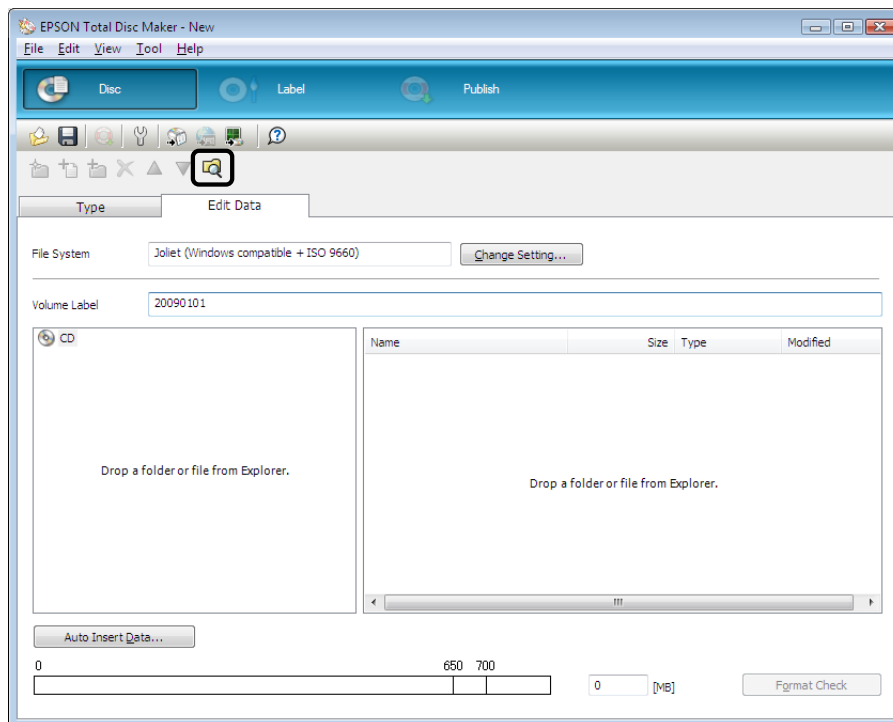
4 Select [File system], and click [OK]. In this example, [Joliet (Windows compatible + ISO 9660)] is selected.



- 5** Enter any name for [Volume Label].
In this example, we enter [20090101].



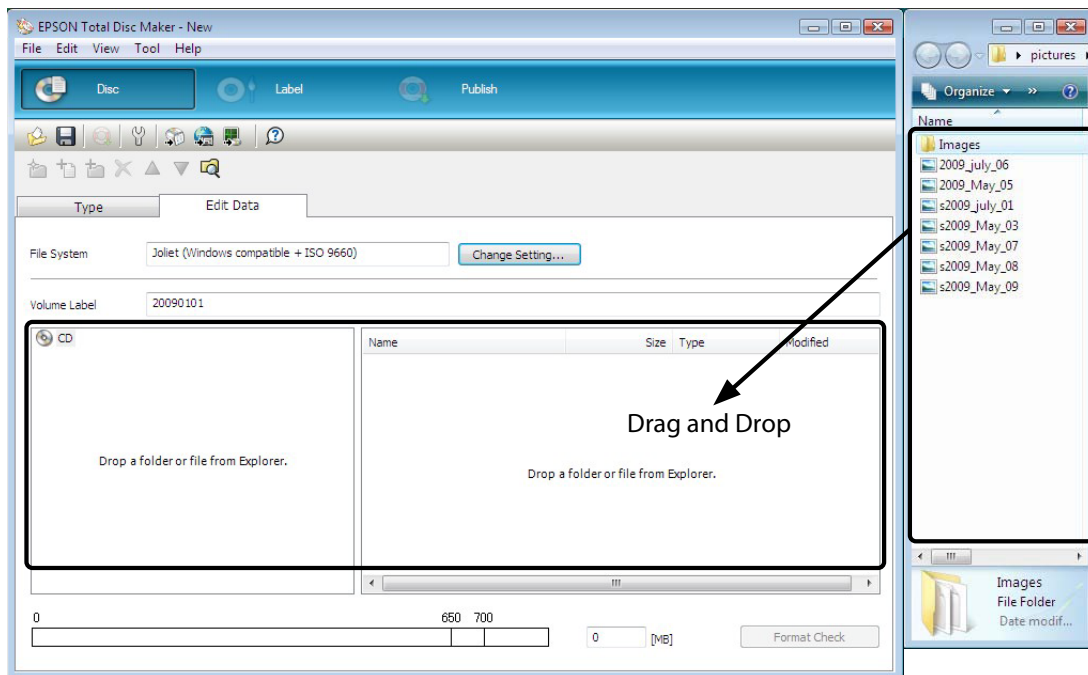
- 6** Click  [Start Explorer].



Notes

Clicking [Auto Insert Data...] enables you to set for Merge data and burn. See Help of EPSON Total Disc Maker for details.

7 Drag and drop any image data to write to the CD from Explorer.



The data that you drag and drop appears in the data list.

Notes

- If you changed data after it was registered, click [Format Check].
- When the registered data does not comply with the restrictions of the selected file system, the [File System Restrictions] dialog box appears. Furthermore, depending on the added data, the [File System Restrictions] dialog box may appear before you click [Format Check]. See EPSON Total Disc Maker Help for details on file system restrictions.
- If you click [Create Disc Image] of the [File] menu after registering the write data, the registered data is saved as a disc image file. A disc image file is used when creating CD/DVD/BD copies of the registered data. See "Creating copies from disc image files" on page 124 in this guide for the procedure to create CD/DVD/BD copies.

The registration of write data is now finished.

Next, create a label.

Creating labels

Follow the steps below to create a label design in the label view of EPSON Total Disc Maker.

Notes There is no need to create a label if you only want to write data to discs.

In the label view, an image of the print results of the label appears. You can edit the label while checking the image of the print results.

This section describes how to create labels using one of the templates provided by EPSON Total Disc Maker. See “Creating labels using your own images” on page 118 in this guide to use your own image data.

Selecting a template

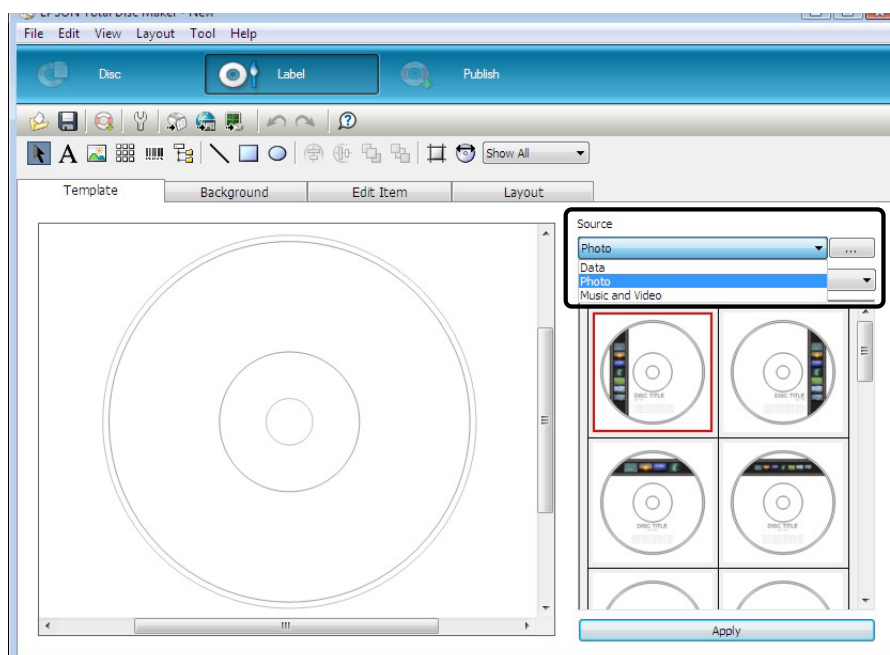
EPSON Total Disc Maker is provided with various types of template. Using templates allows you to easily create labels with sophisticated designs.

In the [Template] screen, you can select a template from [Data], [Photo], and [Music and Video] in accordance with the type of data to write.

Notes If you save the created data as a template, you can also select that template. See “Creating label templates” on page 121 in this guide for the procedure to create templates.

In this example, we use a template for photos.

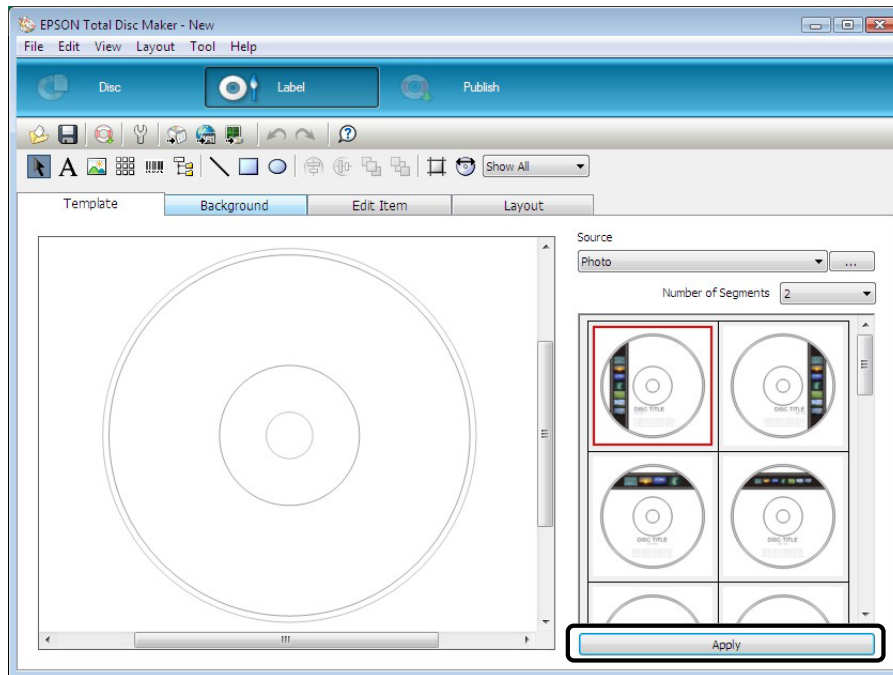
- 1 Click [Label].
The label view appears.
- 2 Select [Source]. To use a template you created, click , and specify the folder in which the template is stored.
In this example, we select [Photo].



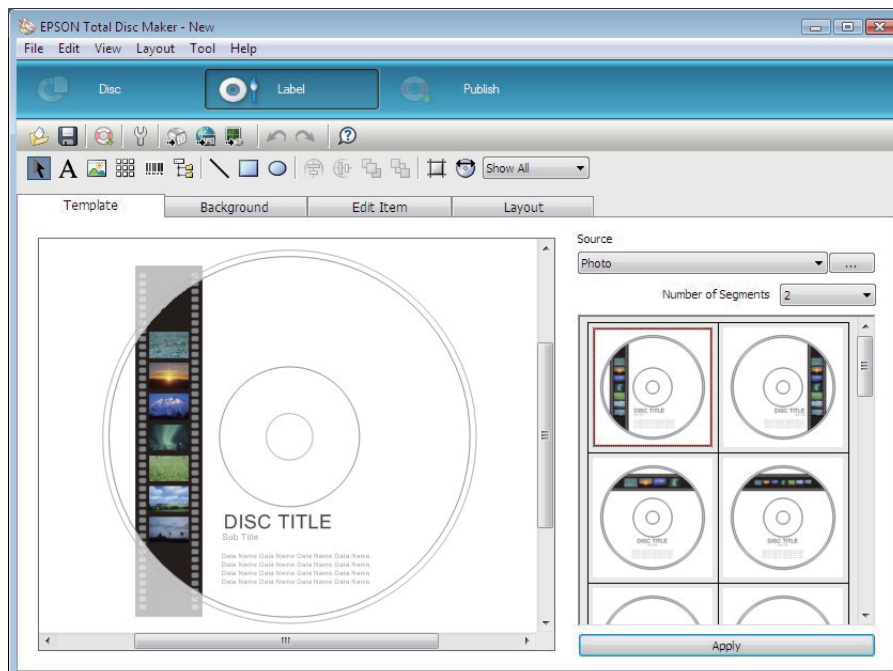
3 Select the template to use, and click [Apply].

In this example, we use the image in the top left of the screen.

Check that the image in the top left of the thumbnail screen is selected, and click [Apply].



A print image of the template appears.

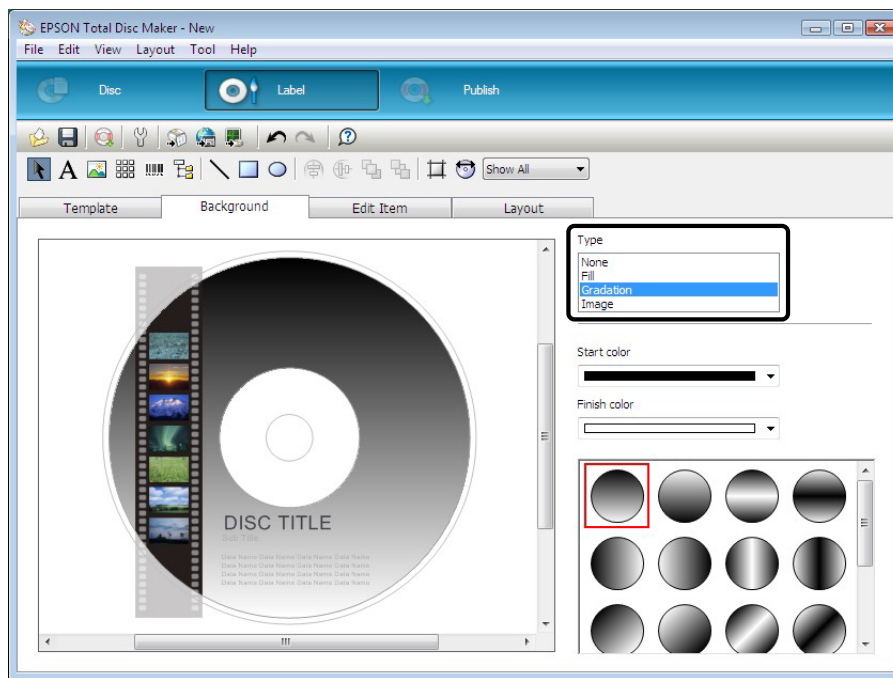


Select a background (see page 96 in this guide), edit the items (see page 97 in this guide), and adjust the layout (see page 104 in this guide) as necessary.

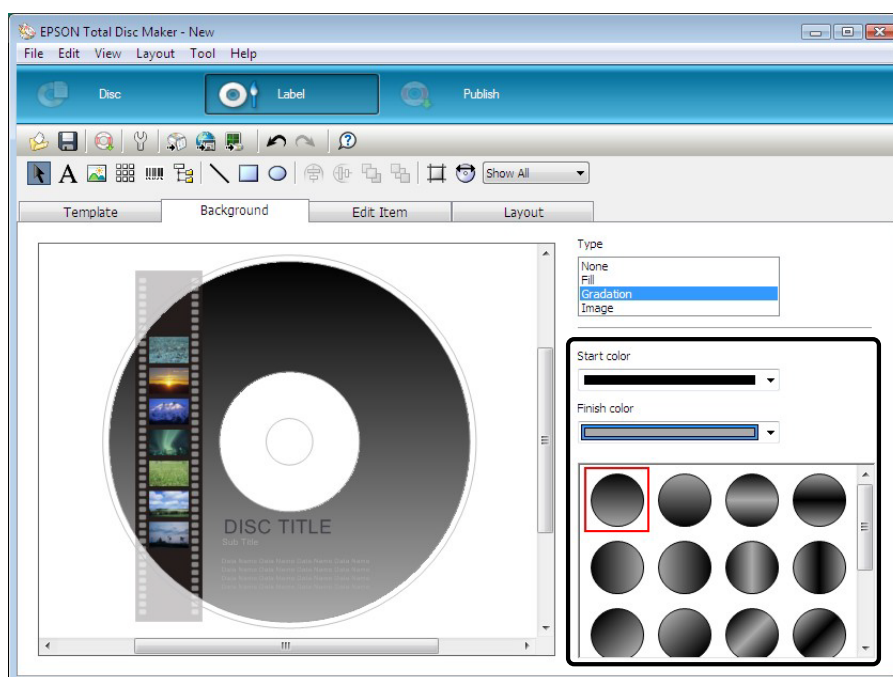
Selecting a background

In the [Background] screen, you can select a background color and gradation. You can also insert an image you like as the background.

- 1 Select [Type].
In this example, we select [Gradation].



- 2 Select the colors for [Start color] and [Finish color], and select the gradation type.
In this example, we select black for [Start color], and gray for [Finish color].



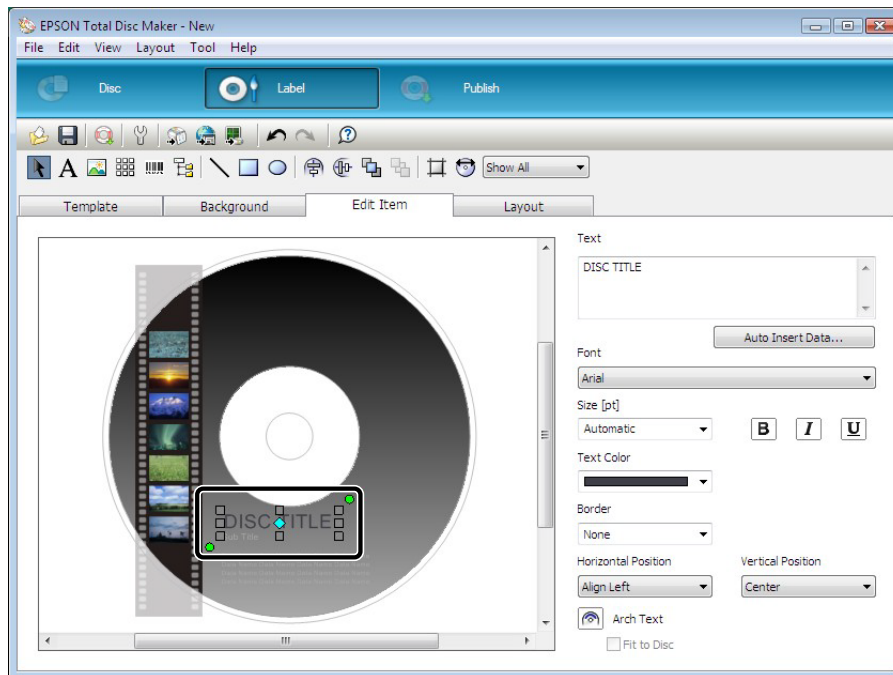
Editing items

In the [Edit Item] screen, you can insert and edit items such as text, images, thumbnails, barcodes, folder trees, and shapes.

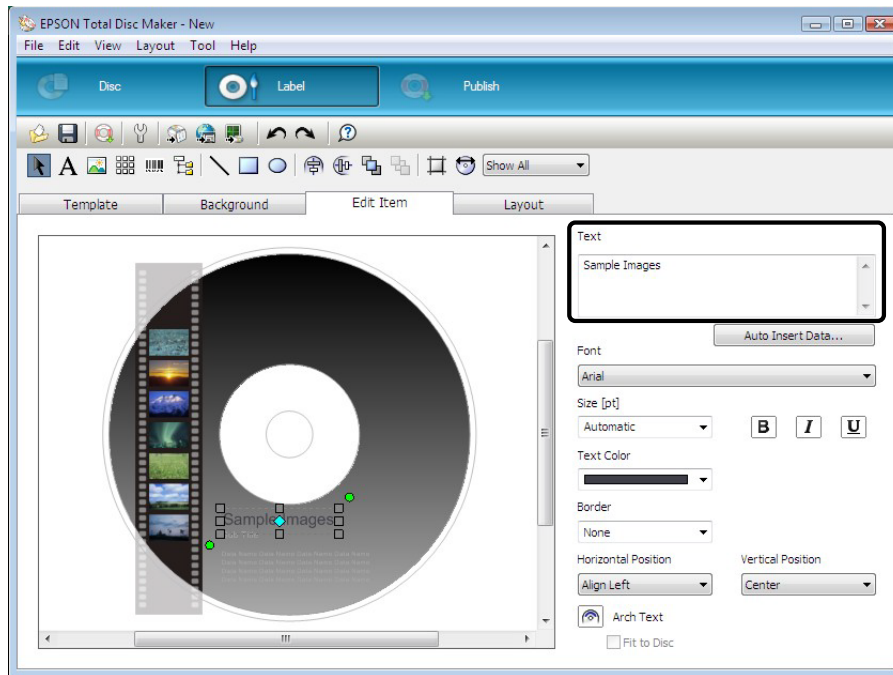
In this example, we edit text, delete an item, and insert a thumbnail and barcode.

Editing text

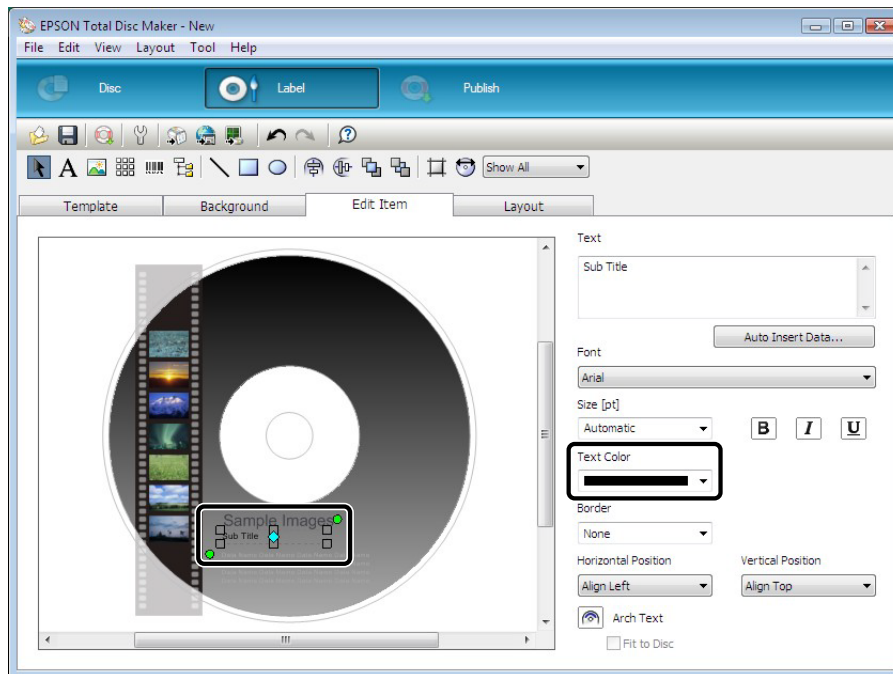
- 1 Click [DISC TITLE] in the edit area.



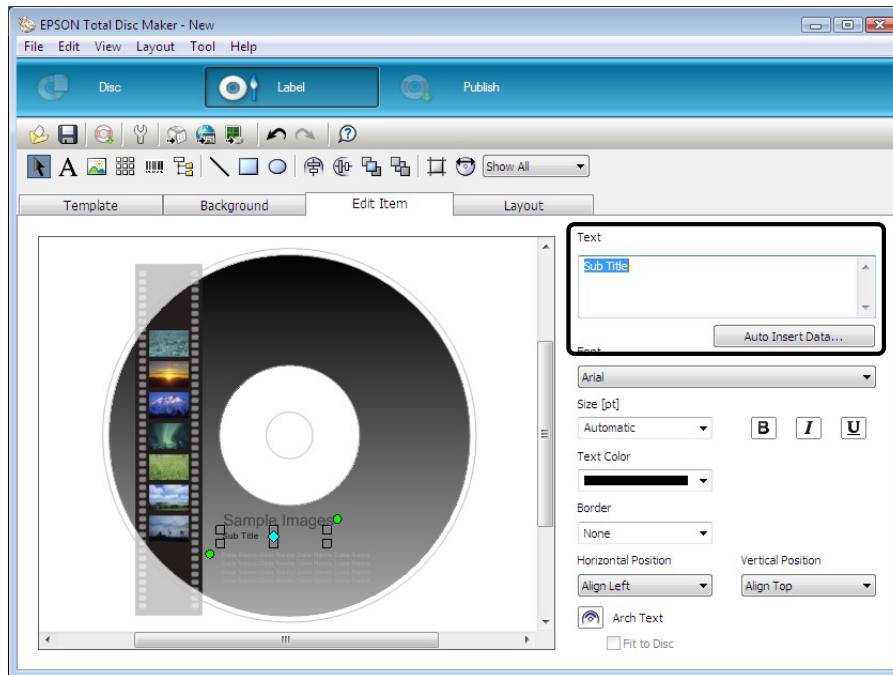
- 2 Enter the text you want to place in [Text].
In this example, we enter “Sample Images”.



- 3 Click [Sub Title] in the edit area, and set for the text.
In this example, we set black for [Text Color].

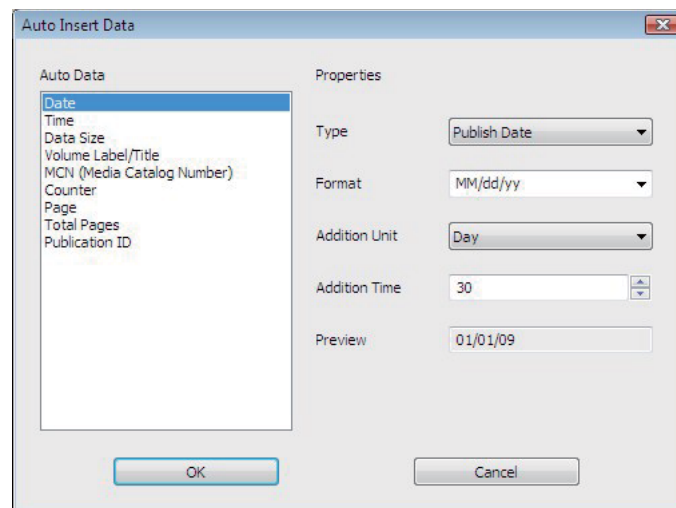


- 4 Delete the “Sub Title” from [Text], and click [Auto Insert Data].

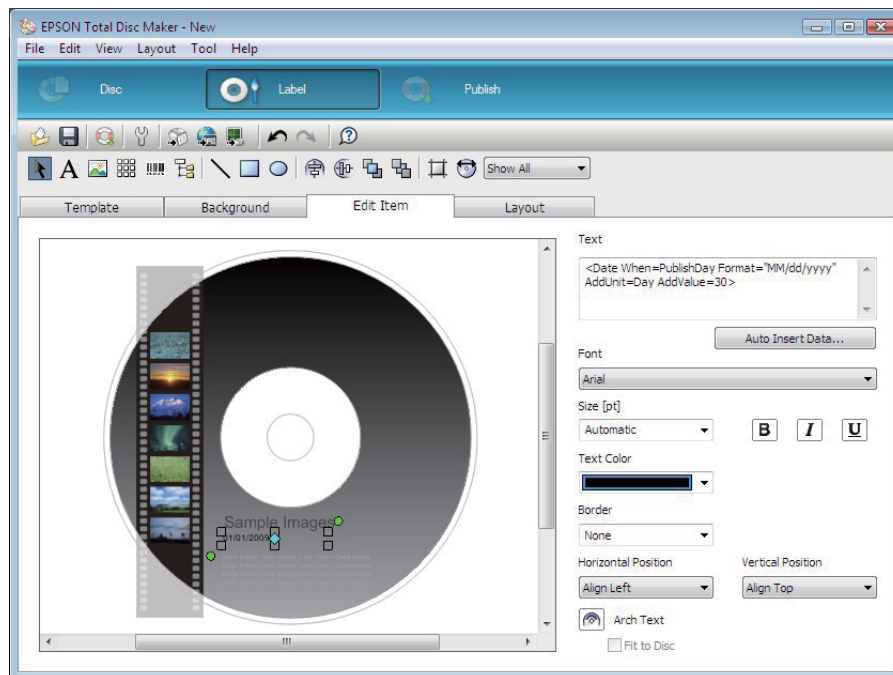


- 5 Set Auto Data and Properties, and click [OK].

For example, if today's date is December 2, 2008, and you want the date 01/01/2009 to appear, select [Date,] and set [Addition Unit] to [Day] and [Addition Time] to [30,] which will add 30 days to today's date.



The date appears.

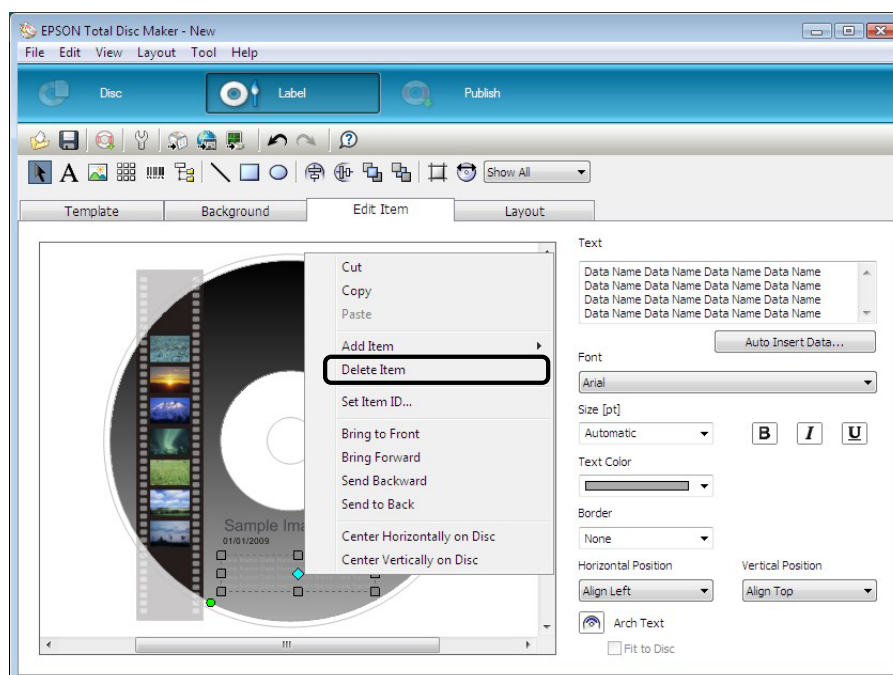


Notes See EPSON Total Disc Maker Help for details on Auto Insert Data.

Deleting items

Right-click the item you want to delete in the edit area, and select [Delete Item].

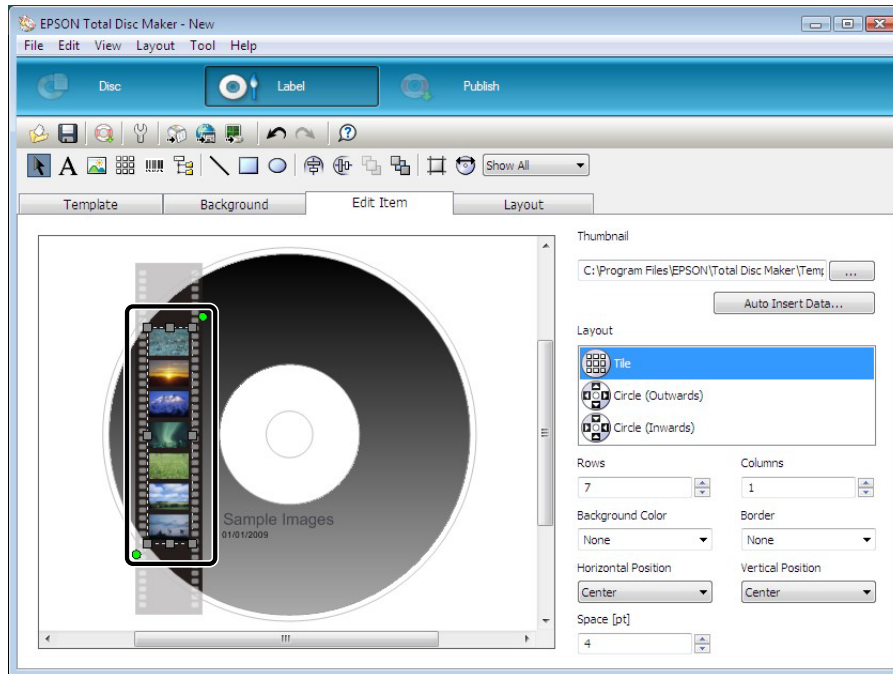
In this example, we delete [Data Name].



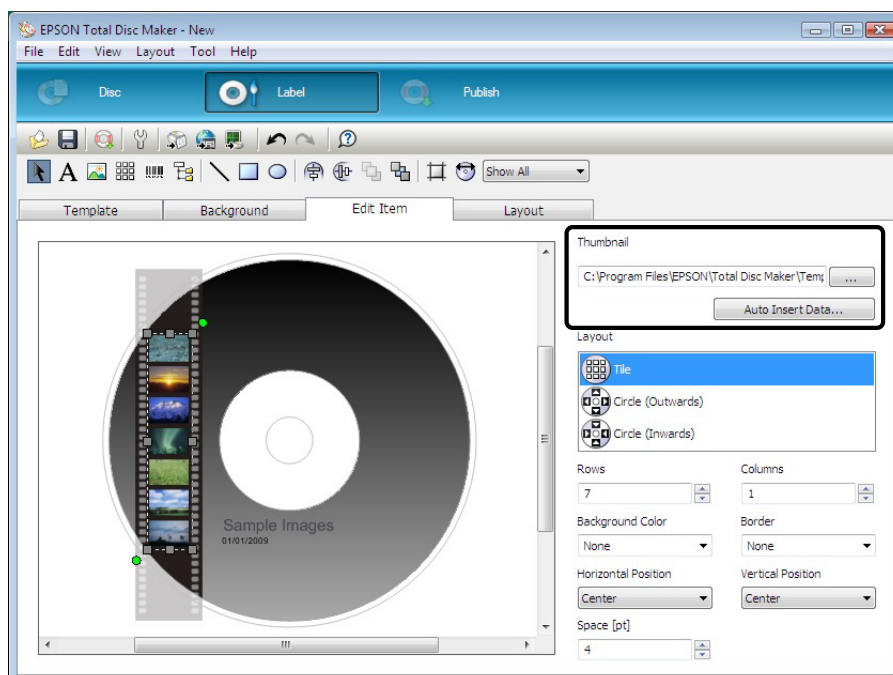
The item is deleted.

Inserting thumbnails

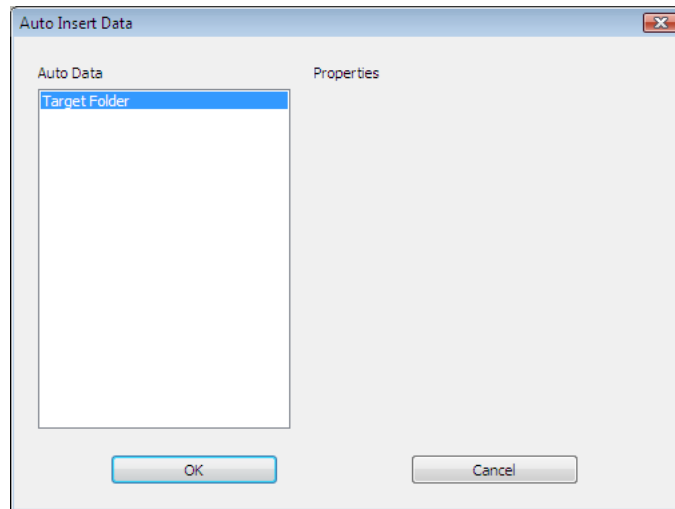
- 1 Click a thumbnail in the edit area.



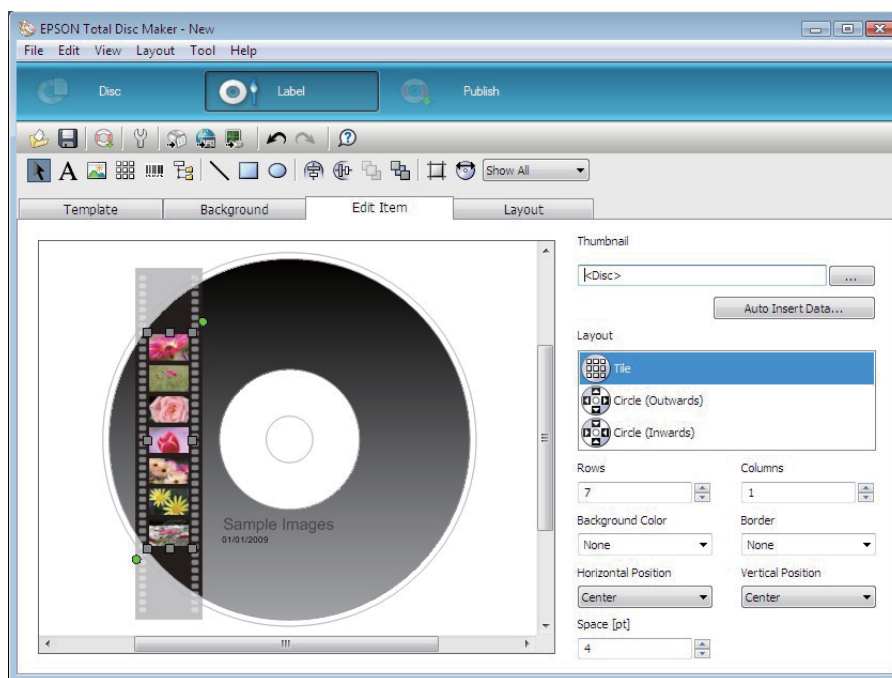
- 2 Click , specify the folder in which the image you want to insert as the thumbnail is stored or click [Auto Insert Data].
In this example, we click [Auto Insert Data].



- 3 Check that [Target Folder] is selected in [Auto Data], and click [OK].




Thumbnails of the image data registered in “Registering write data” on page 90 in this guide appear.

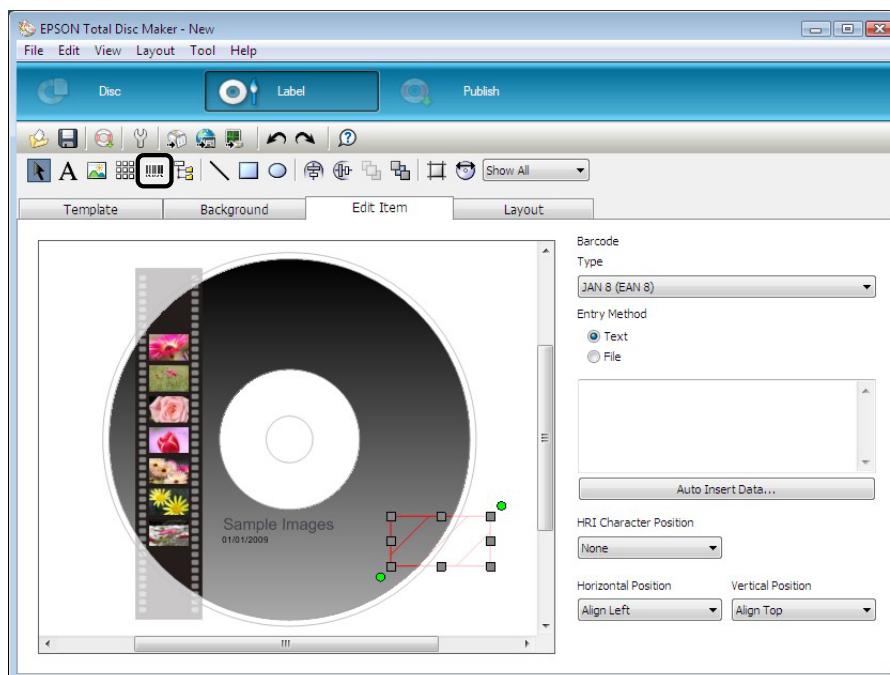


Inserting barcodes

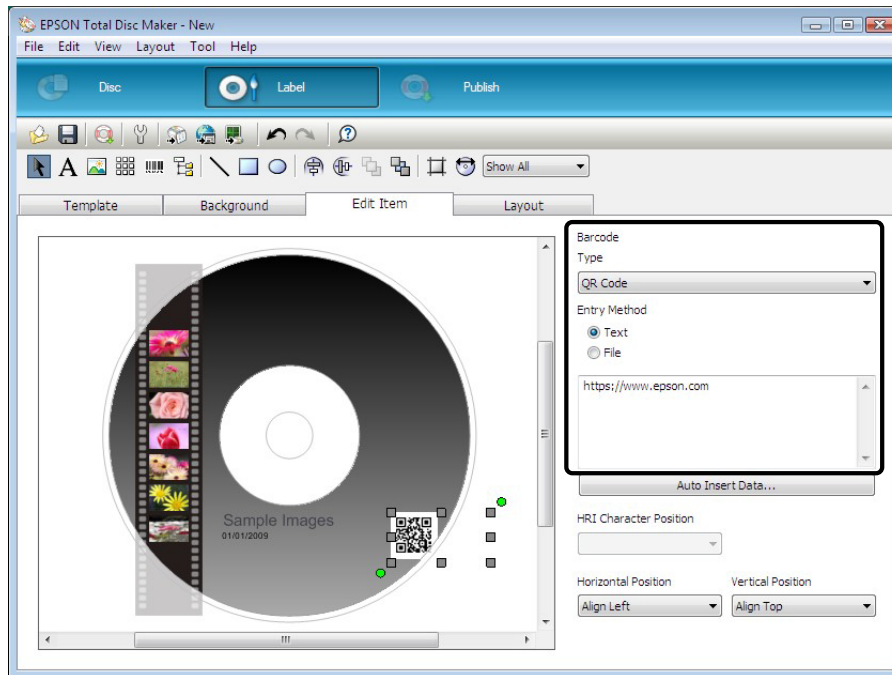


- When printing barcodes and 2D codes, be sure to use Epson brand ink cartridges.
- When printing barcodes and 2D codes on discs that are not Epson specified discs, check whether the printed barcodes or 2D codes can be read correctly by a scanner.
- Do not place barcodes and 2D codes where they overlap with other print data, or where they extend out of the print area.
- Barcodes and 2D codes use the ratio of black to white to indicate information. If ink penetration results in a deterioration in the ratio of black to white, barcodes and 2D codes may not be able to be read correctly. Check whether the printed barcodes and 2D codes can be read correctly by a scanner.
- If a barcode printed with bidirectional printing cannot be read correctly, align the print head (see page 158 in this guide) and then print the barcode, or print the barcode with unidirectional printing.

- 1 Click  [Barcode], and click the location you want to place the barcode.



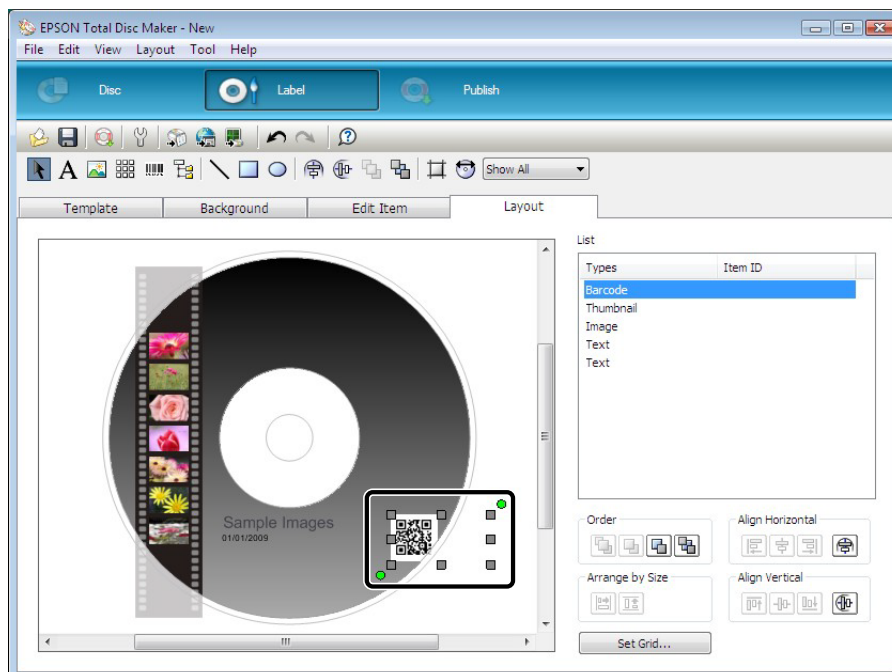
- 2** Select [Type] and [Entry Method].
In this example, we select “QR Code” and enter text.
The barcode appears.



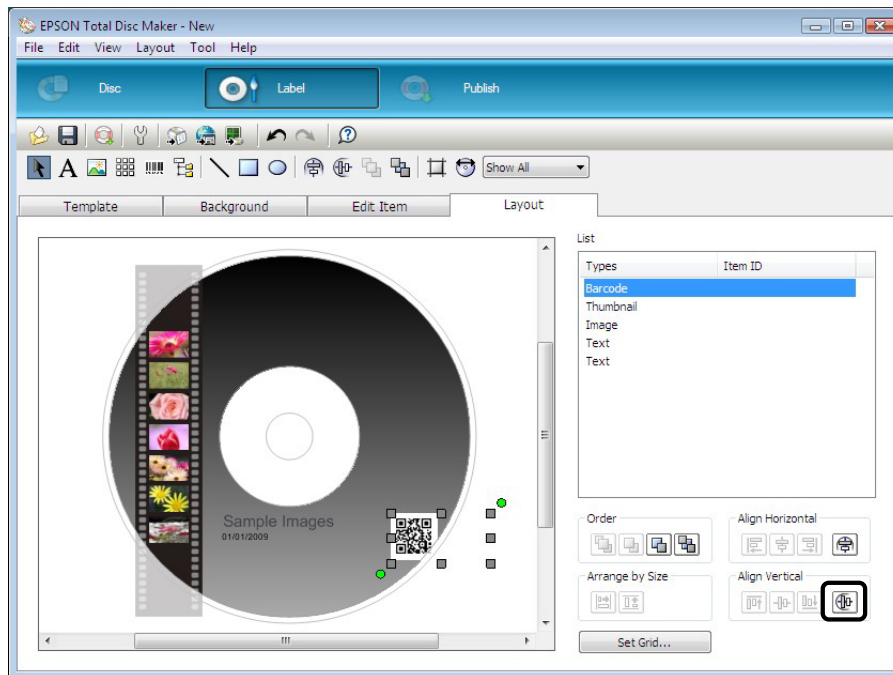
Adjusting layout

In the [Layout] screen, you can make fine adjustments to the layout of the items you inserted.

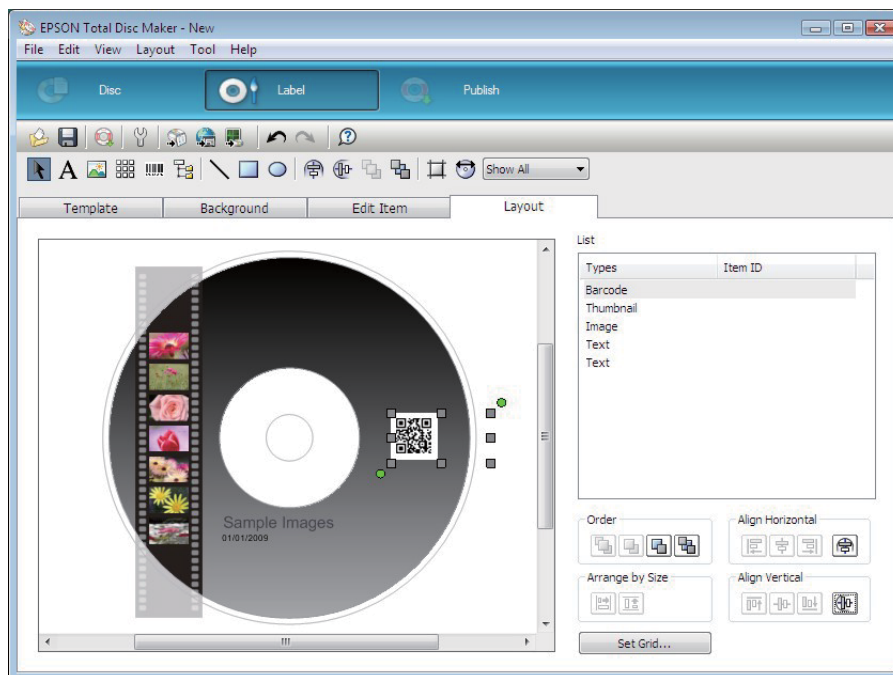
- 1** Select the item for which you want to adjust the layout.
In this example, we select a barcode.



2 Click  [Align Vertical Center of Disc].



The barcode appears in the vertical center position of the disc.



Once the settings for creating a label are complete, publish the disc.

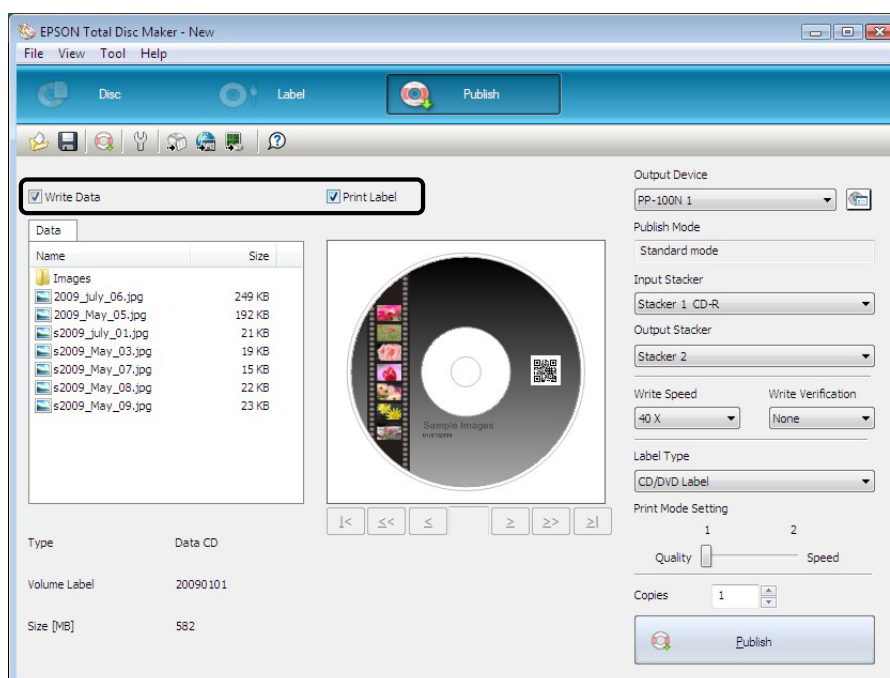
Publishing discs

Follow the steps below to publish a job for publishing discs to the product in the publish view of EPSON Total Disc Maker.



- When the product is used for the first time, after it has been stored for a long time, or after an error occurs, missing dots or ink stains may appear and print quality may be reduced on rare occasions. When publishing multiple discs, publish one disc in advance and check that there are no missing dots. If any dots are missing, perform head cleaning. See “Cleaning the print head” on page 155 in this guide for details on the head cleaning procedure.
- If writing and printing are performed separately, we recommended performing writing before printing. If writing is performed after printing, ink may cause discs to stick to each other and result in a disc transport error, or dirt, stains, or scratches on discs may result in a write error.
- If the file system of the computer used is FAT, DVD/BD writing may not be possible.

- 1 Click [Publish].
The publish view appears.
- 2 Check either one or both of [Write Data] and [Print Label] are selected.
In this example, we will write data and print a label, so both are selected.



3 Set [Output Device], [Input Stacker], [Output Stacker], [Write Speed], [Write Verification], [Label Type], [Print Mode Setting], and [Copies] as necessary.

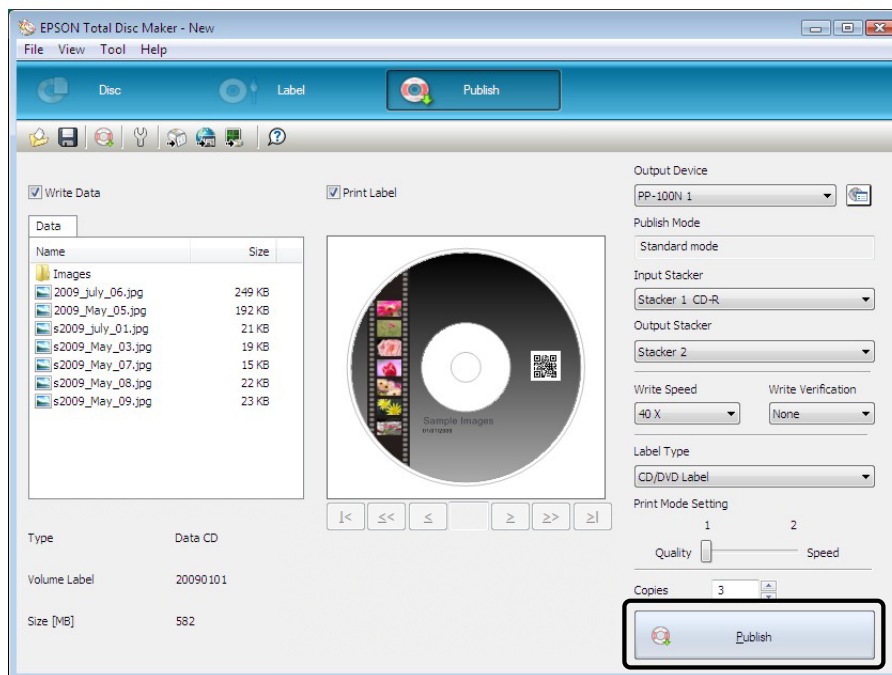


- The writing speed may be slower than the set speed depending on the discs or computer being used.
- Depending on the discs used, writing may not be able to be performed properly at the speed recommended for the disc. If this happens, write at a slower speed. In particular, we recommend writing to DVD±R DL at a slow speed.
- If you print on the matte label type of Epson specified discs, set [Label Type] to [CD/DVD Premium Label].
- If [Label Type] is set to [EPSON Specified CD/DVD Label,] [Print Mode Setting] is set to [1].

Notes

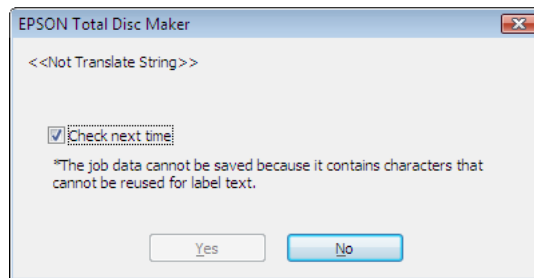
If [Compare] is set for [Write Verification], you can confirm whether data was written to discs properly.

4 Click [Publish].



5 Click [Yes] if you want to save the job data to enable you to use the published job to create the same disc again.

In this example, we click [No] because the job data cannot be saved.



Notes

- If Auto Data (Publish Date or Publish Time) is automatically inserted as label print data, the saving of Job data may not be possible.
- See “Creating same discs as published discs” on page 126 in this guide for the procedure to create the same disc.

EPSON Total Disc Monitor starts, and the disc publishing process begins.



In Batch Mode, if Stacker 2 is taken out during the publishing process, when Stacker 2 is loaded again, it is always recognized as an input stacker even if it has been switched to an output stacker. Be sure to take out the published discs from Stacker 2.

Notes

- If there are jobs waiting to be processed, the disc publishing process begins in the order with which jobs were published.
- See “Taking out discs” on page 109 in this guide for the procedure to take out published discs.

Taking out discs

Follow the steps below to take out published discs.

- 1 Open the disc cover (only when the output stacker is Stacker 2 or Stacker 3), and take out the stacker.

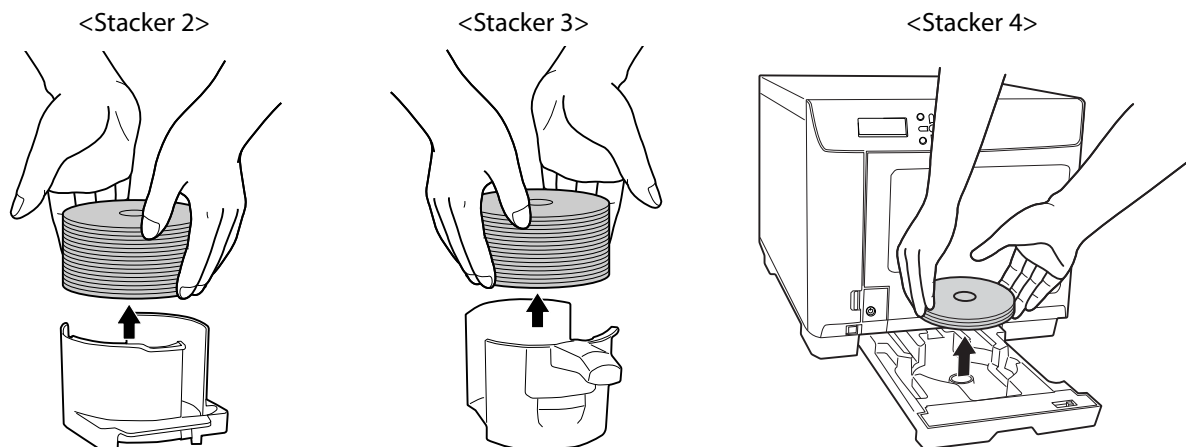


- Do not open the disc cover while a job is being processed (while the BUSY LED flashes). This could adversely affect the writing or printing quality.
- If you open the disc cover while a job is being processed, a slow beeping alert sound is played and the status of the current job becomes Standby. If you close the disc cover, job processing resumes automatically.
- If a job is being processed, first pause the job and then open the disc cover. See "Pausing jobs" on page 114 in this guide for the procedure to pause a job.
- To ensure safety during arm operation, never insert your hands.
- Do not operate any stackers while the arm is moving. This could damage the arm.
- When the BUSY LED is flashing quickly, do not pull out Stacker 4 because discs are being output to Stacker 4. Doing so may damage the discs.
- Do not remove discs while the stacker is attached to this product. Be sure to remove the stacker beforehand.

2 Take out the published discs from the stacker.

The stacker used as the output stacker differs depending on the set Publish Mode. Confirm the output stacker in the following table.

Publish Mode	Output Stacker	Number of Discs
Standard Mode (when the output stacker was set to [Stacker 2])	Stacker 2	Up to approximately 50 discs
Standard Mode (when the output stacker was set to [Stacker 4])	Stacker 4	Up to approximately 5 discs
External Output Mode (when the output stacker was set to [Stacker 3])	Stacker 3	Up to approximately 50 discs
External Output Mode (when the output stacker was set to [Stacker 4])	Stacker 4	Up to approximately 5 discs
Batch Mode	Stacker 2	Up to approximately 50 discs
	Stacker 3	Up to approximately 50 discs



3 Insert the stacker, and close the disc cover.



- Directly touching or moisture getting on the label surface before or after printing may result in blurring or discs sticking together.
- After printing on the label surface, allow Epson specified discs to dry for at least one hour, and other types of discs for at least 24 hours. Do not insert discs into a drive or other device until they are completely dry.
- Avoid drying under direct sunlight.

Notes

- When discs are published in Batch Mode, the number of discs loaded into Stacker 2 and the number of discs output to Stacker 3 do not always match. Also, 50 discs may not be output. The same applies for the discs output to Stacker 2.
In Batch Mode, once the height of the stack of discs output to Stacker 3 reaches the maximum value, the output stacker is switched to Stacker 2. Therefore, the number of discs output to a stacker differs depending on the thickness of the discs used.
- Stacker 4 holds up to approximately five discs. Once Stacker 4 becomes full, the job is paused. The job is resumed automatically if you take out the published discs from Stacker 4.
- You can take out the published discs output to Stacker 4 without pausing the job.

Performing job operations

Checking job information

Use the following procedure to check the history and details of jobs.

Log in to EPSON Total Disc Net Administrator.

See “Logging in to EPSON Total Disc Net Administrator” on page 55 in this guide for the login procedure.

The [Job management] screen appears.

Job status list

Search options
Search target Date **Date** December 3 2008 **Status** All

	Date published	Job name	Status
<input type="button" value="Details"/>	Dec 3, 2008	DVD_Video	Publishing
<input type="button" value="Details"/>	Dec 3, 2008	sample_data	Completed
<input type="button" value="Details"/>	Dec 2, 2008	20090101	Completed

1/1

Jobs that can be republished: 1

The job list displays all jobs in the following status that were published for this product.

- Waiting
- Publishing
- Completed
- Paused
- Pausing
- Canceling
- Standby
- Recovering



The job status display is not updated automatically. To update the display, click [Refresh] in your browser.

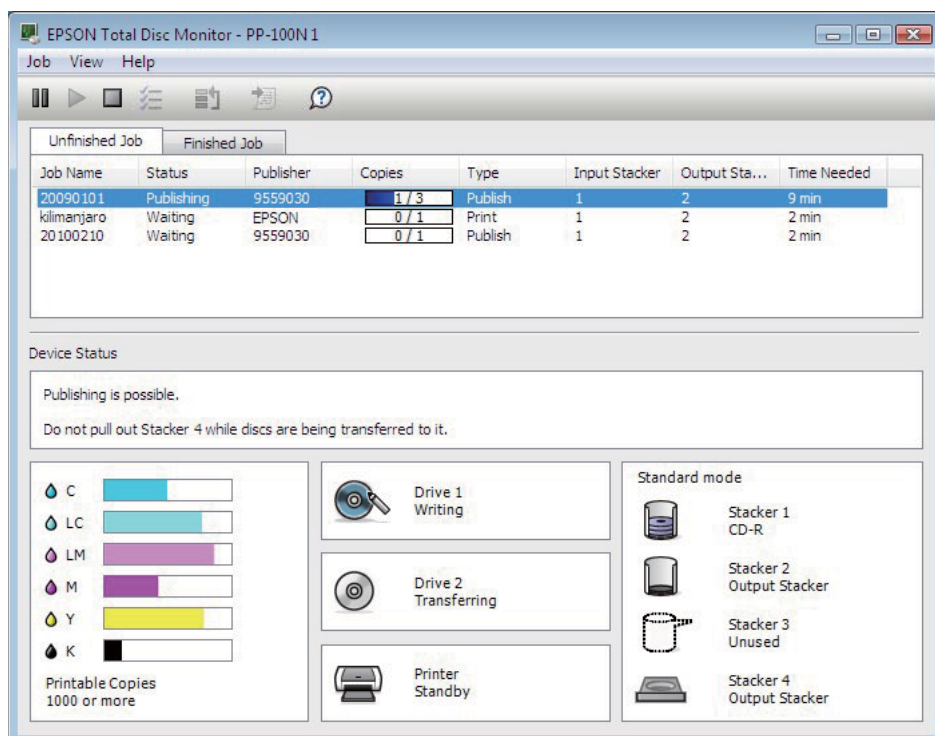
Notes

- If you use search options, a joblist of the search results appears in accordance with the specified search items and status.
- Click [Details] of the job you want to check to display more detailed job information.

Checking the job processing status

Use the following procedure to check the job processing status.

- 1 Starts EPSON Total Disc Monitor.
See “Starting EPSON Total Disc Monitor” on page 50 in this guide for the start procedure.
- 2 Click the [Unfinished Job] tab or [Finished Job] tab.
The [Unfinished Job] screen or [Finished Job] screen appears.



[Unfinished Job] screen: Displays a list of jobs for which the status is Waiting, Publishing, Paused, Pausing, Canceling, Standby, or Recovering.

[Finished Job] screen: Displays a list of jobs for which the status is Published (up to 50 jobs from the most recent).

Pausing jobs

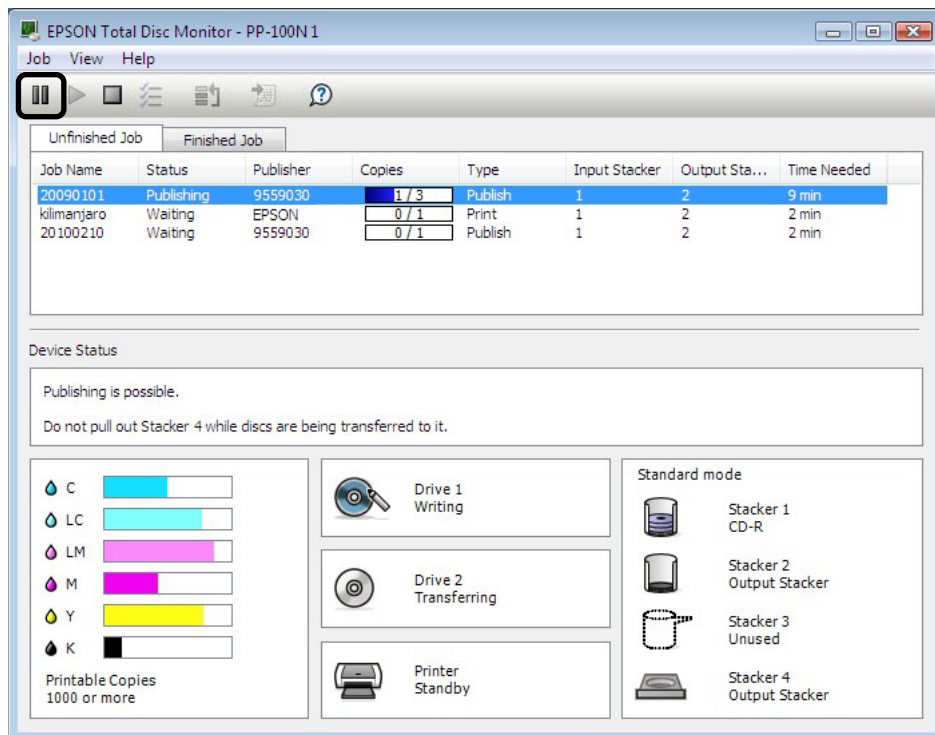
When a job is being processed, be sure to pause job processing before you perform a disc cover operation or other operation of the product unit.

Use the following procedure to pause a job.



Only a job for which the status is Waiting, Publishing, Standby, or Recovering can be paused.

- 1 Start EPSON Total Disc Monitor.
See “Starting EPSON Total Disc Monitor” on page 50 in this guide for the start procedure.
- 2 Select the job for which you want to pause processing, and click [Pause].



When the job is paused, the job status display changes from Pausing to Paused.



- If there is a disc being published, the job is paused after the processing is finished.
- The processing of any subsequent job also does not start while the job is paused.

Notes


Selecting a paused job and clicking [Cancel] allows you to cancel the job without resuming processing.

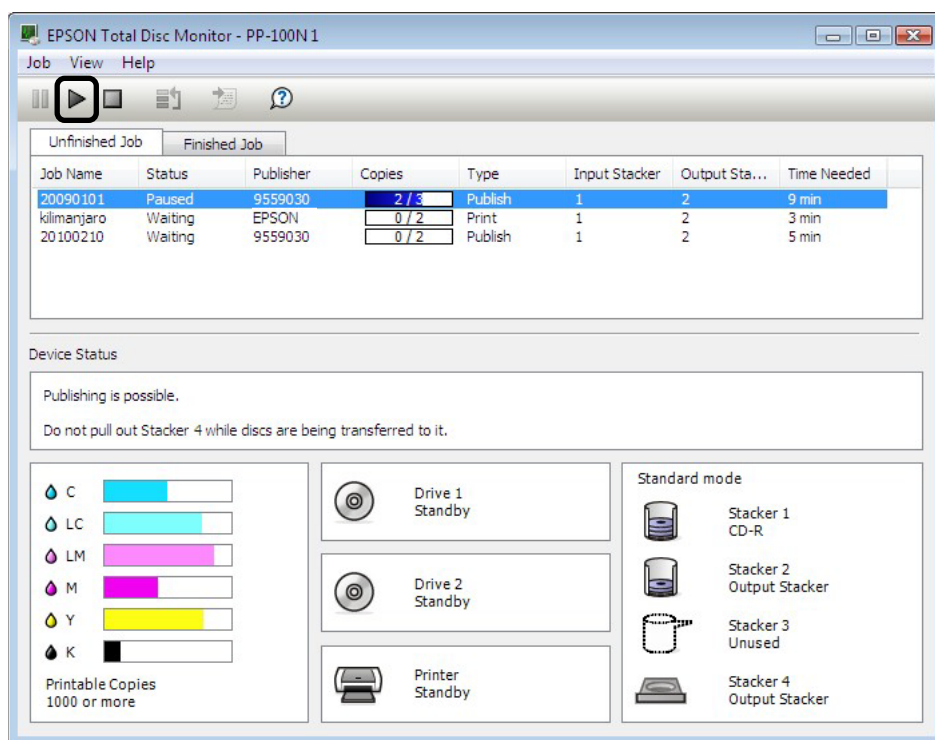
Resuming jobs

Use the following procedure to resume processing of a paused job.



Only a job for which the status is Paused or Pausing can be resumed.

- 1 Start EPSON Total Disc Monitor.
See “Starting EPSON Total Disc Monitor” on page 50 in this guide for the start procedure.
- 2 Select the job for which you want to resume processing, and click  [Resume].




When the job is resumed, the job status display changes from Paused to Publishing or Waiting.

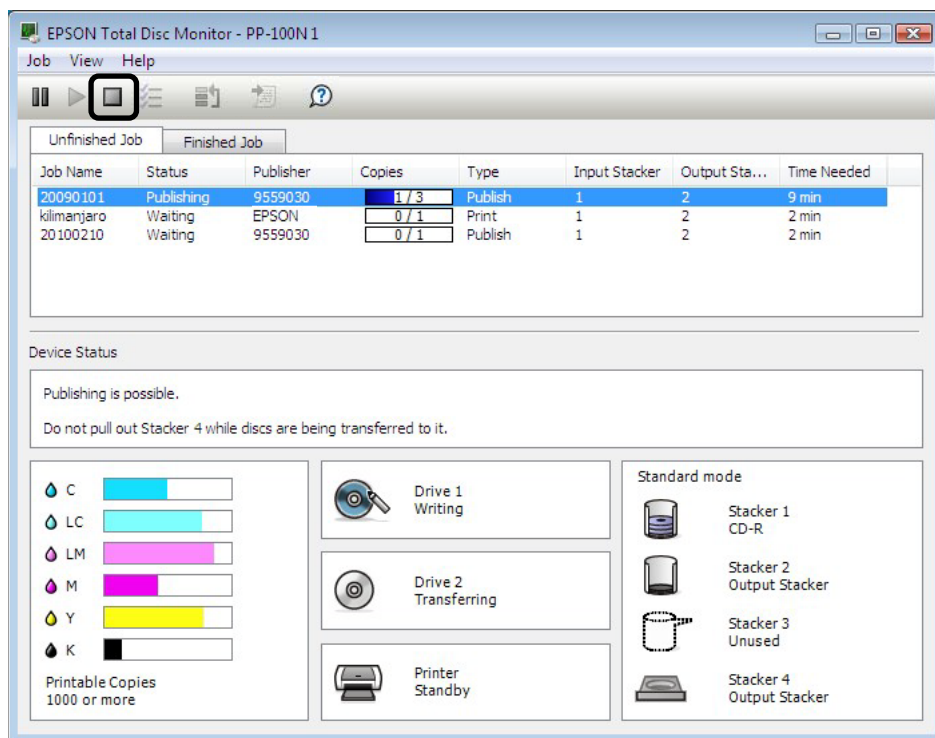
Canceling jobs

Use the following procedure to cancel processing of a job.

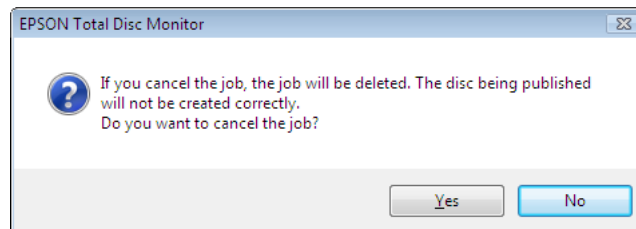


Only a job published by yourself for which the status is Waiting, Publishing, Paused, Pausing, Standby, or Recovering can be canceled.

- 1 Start EPSON Total Disc Monitor.
See “Starting EPSON Total Disc Monitor” on page 50 in this guide for the start procedure.
- 2 Select the job you want to cancel, and click  [Cancel].



- 3 Click [Yes].



When the job is canceled, the job display disappears from the [Unfinished Job] screen.




If a disc is being published, that processing is stopped, and the disc is output to the output stacker. Be sure to take out the disc. See “Taking out discs” on page 109 in this guide for the procedure to take out discs.

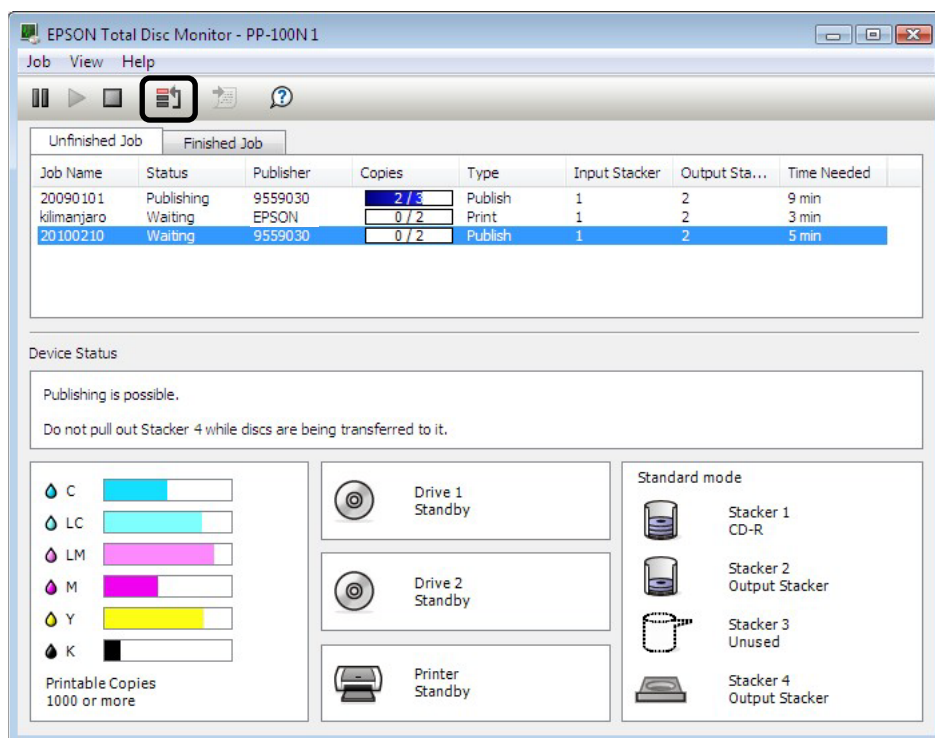
Priority Publishing

If you need to process a job before the others when more than one job is being published, use the following procedure.

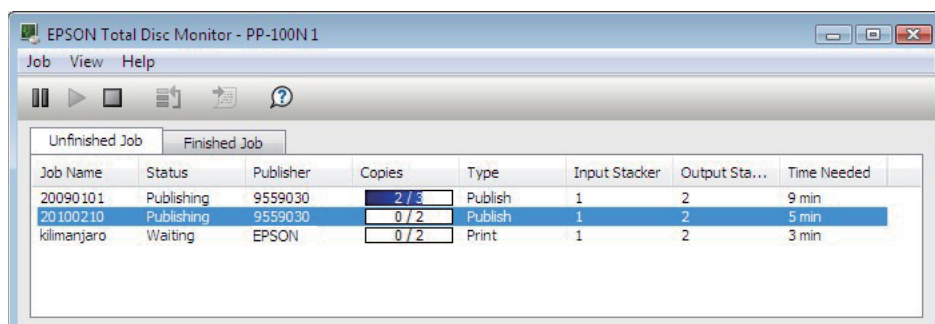


Only a job published by yourself can be canceled.

- 1 Start EPSON Total Disc Monitor.
See “Starting EPSON Total Disc Monitor” on page 50 in this guide for the start procedure.
- 2 Select the job you want to give priority to, and click  [Priority Publishing].



The selected job will be processed after the job in progress.



Notes

Any job cannot be given priority before such operations as nozzle checking, aligning print head, and correcting printing position.

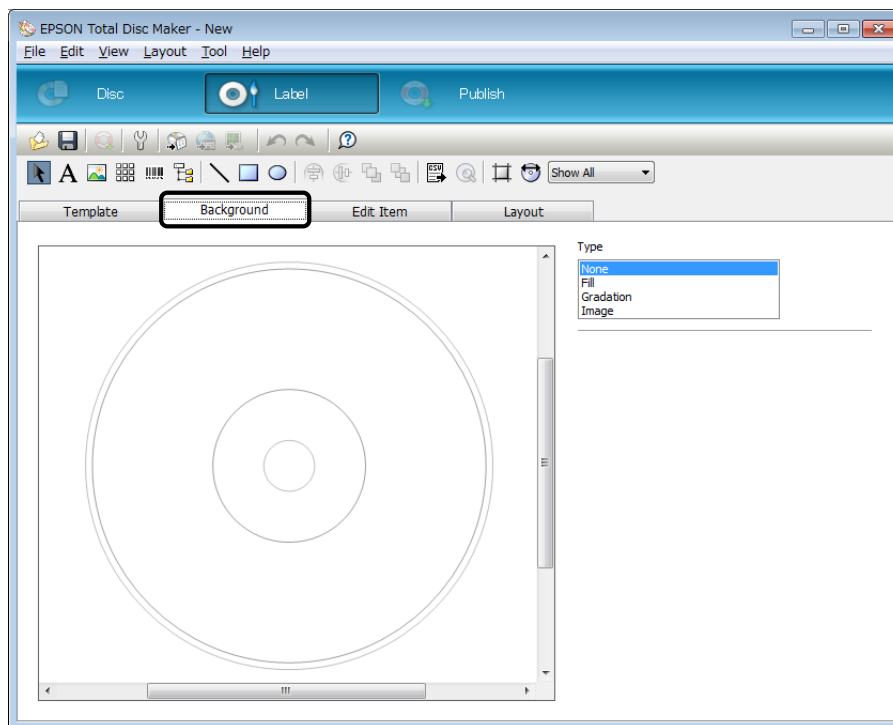
Convenient features

Creating labels using your own images

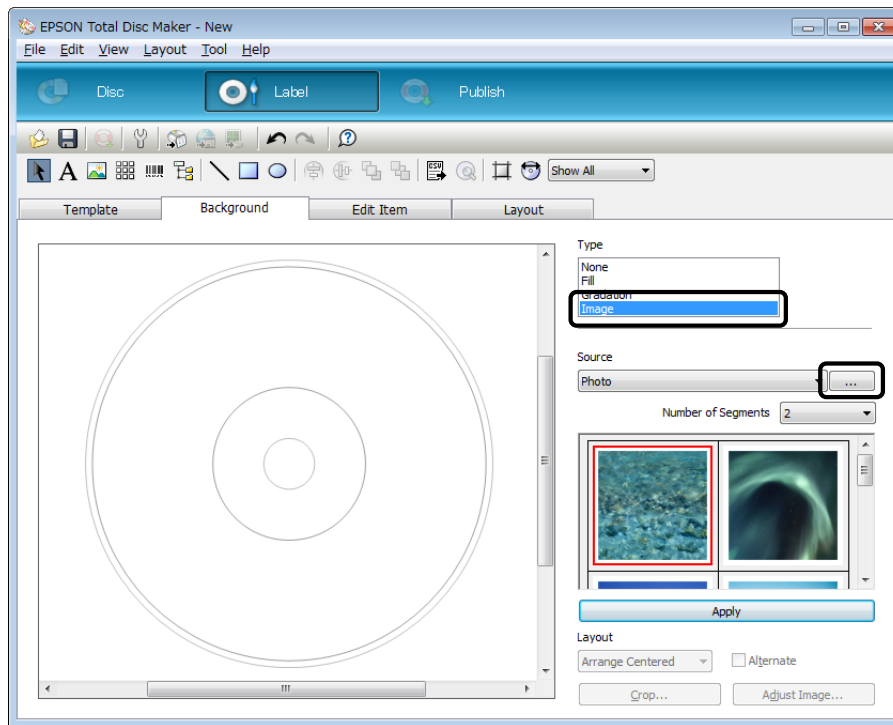
With EPSON Total Disc Maker, you can create labels using registered images or your own images.

Notes Readable file types are BMP, JPEG, TIFF, and PNG.

- 1 Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
- 2 Click [Background].

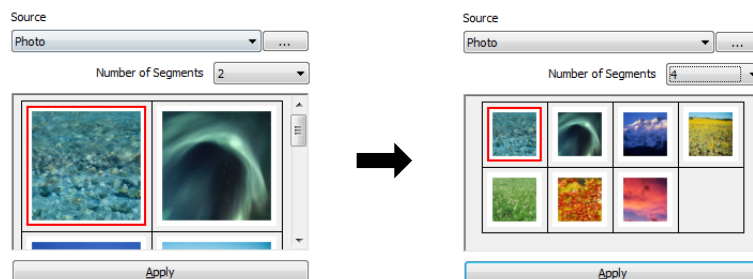


- 3 Select [Image] as the [Type], and then click [...] to specify the folder containing the image you want to insert as the background.

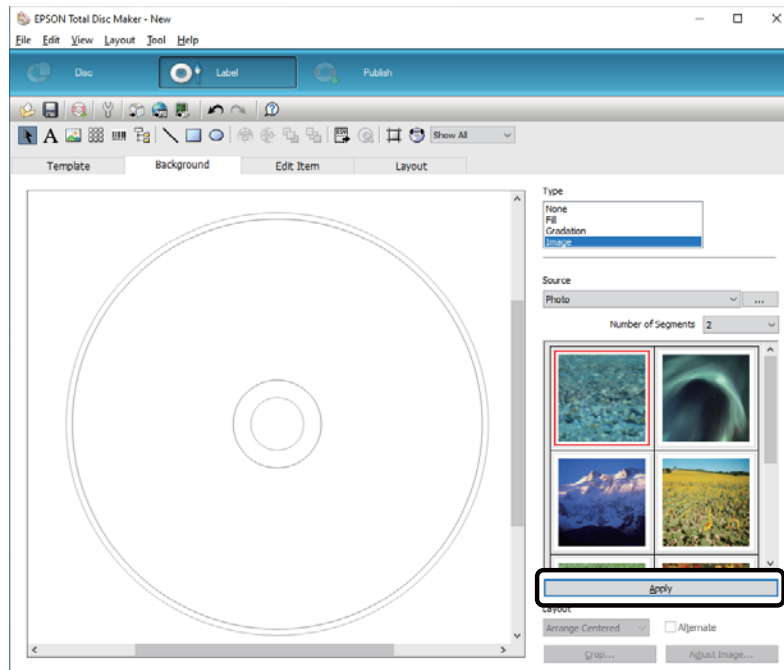


Notes

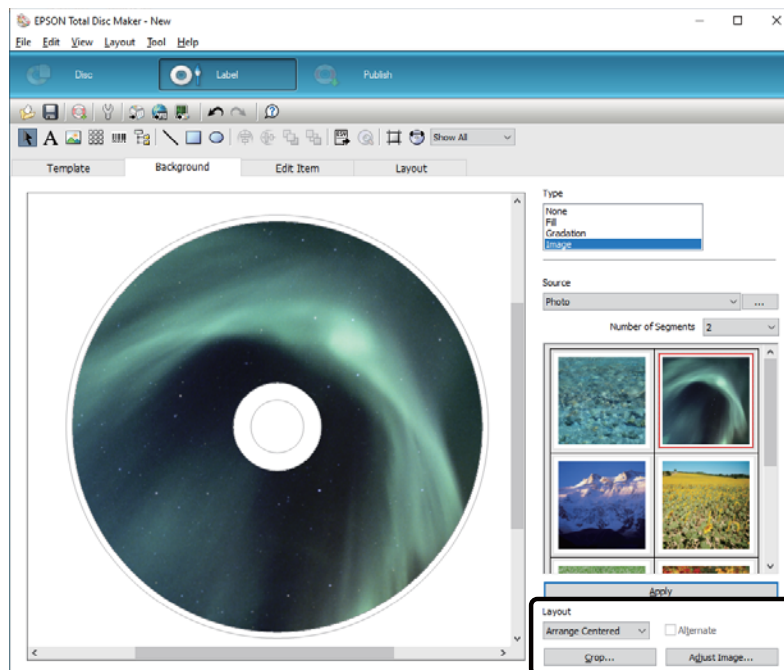
Make the setting for [Number of Segments] to change the number of image thumbnails displayed on one line.



- 4** Select the image, and then click [Apply].
The selected image is displayed as the background.



- 5** Adjust the layout as necessary.
See Help of EPSON Total Disc Maker for details.

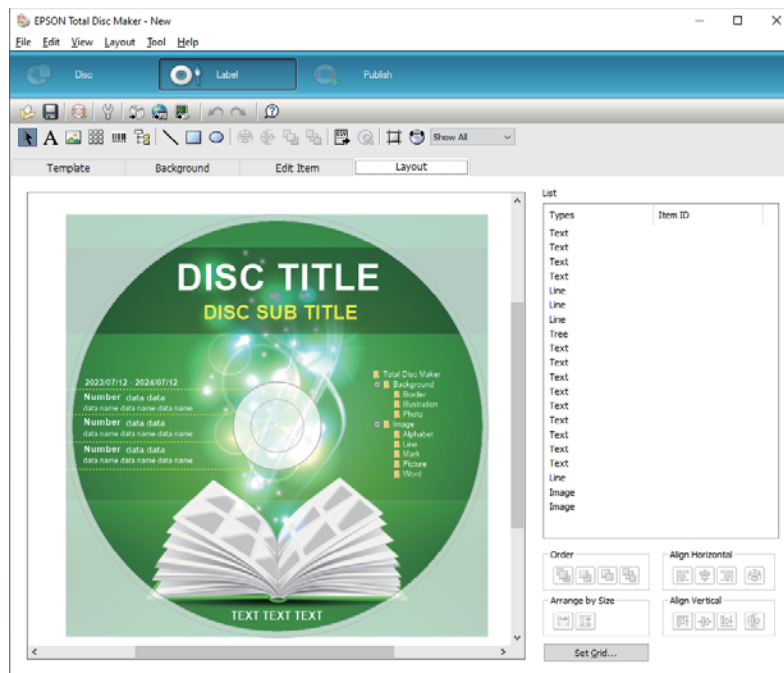


Setting Item	Description
Layout	Select the layout method for images.
Cropping	Crops images.
Image Adjustment	Adjusts the brightness and contrast of the images.

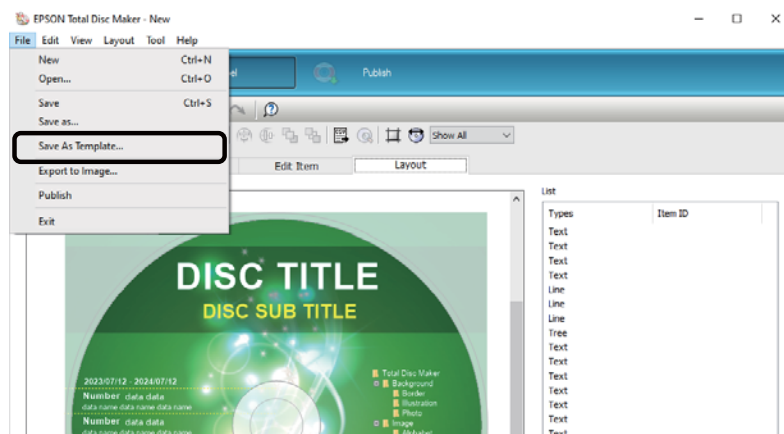
Creating label templates

You can save a label that you have created as a template.

- 1 Create a label in EPSON Total Disc Maker.
See “Creating labels” on page 94 in this guide for the procedure to create labels.



- 2 Click [Save As Template] on the [File] menu, and save the template file.



If you specify the name of the folder in which you saved the template file in [Source] on the [Template] screen, you can select the created template.

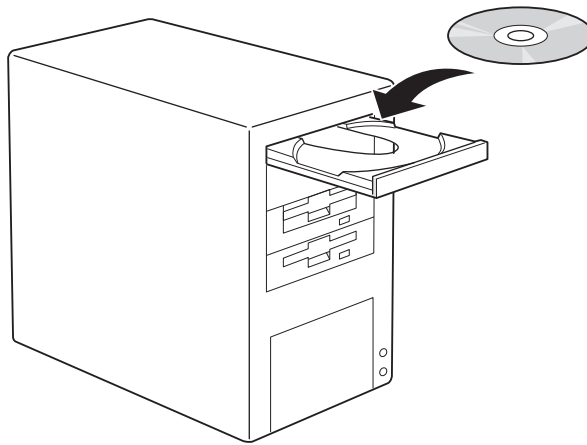
Creating copies directly from discs

You can directly create CD/DVD/BD copies from a CD/DVD/BD disc inserted in the drive of a client PC.



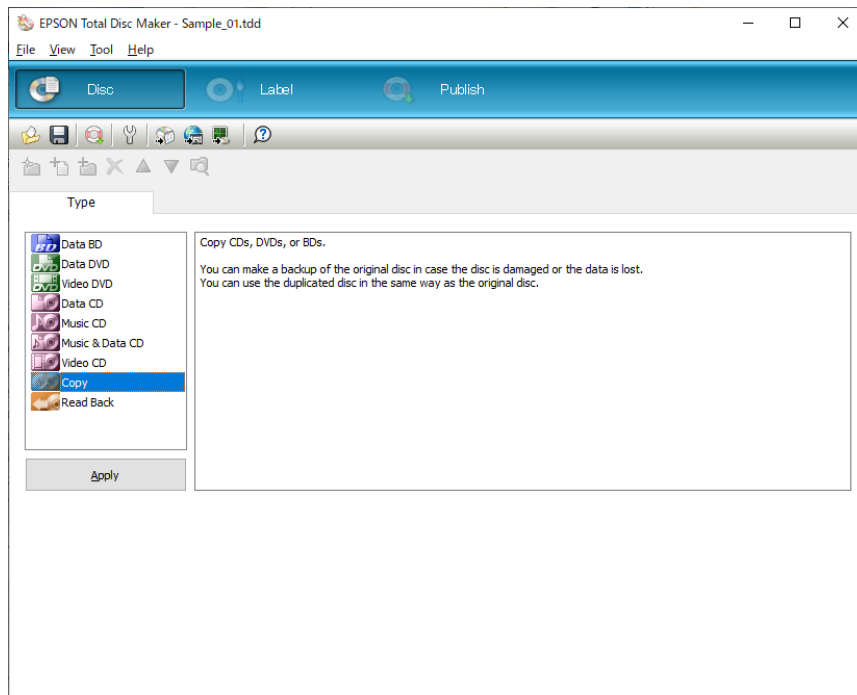
- As the copy source, use a drive with support for commands compliant with MMC4, and capable of operations compliant with MMC4.
- You may not be able to create disc copies depending on the model of the drive used as the source. In such a case, try changing the source drive.
- Copying is not possible if the source disc is a multi-session CD/DVD/BD.
- Copying is not possible if the source disc is a packet-written CD.

- 1** Insert the disc you want to create a copy of in the drive of the PC.

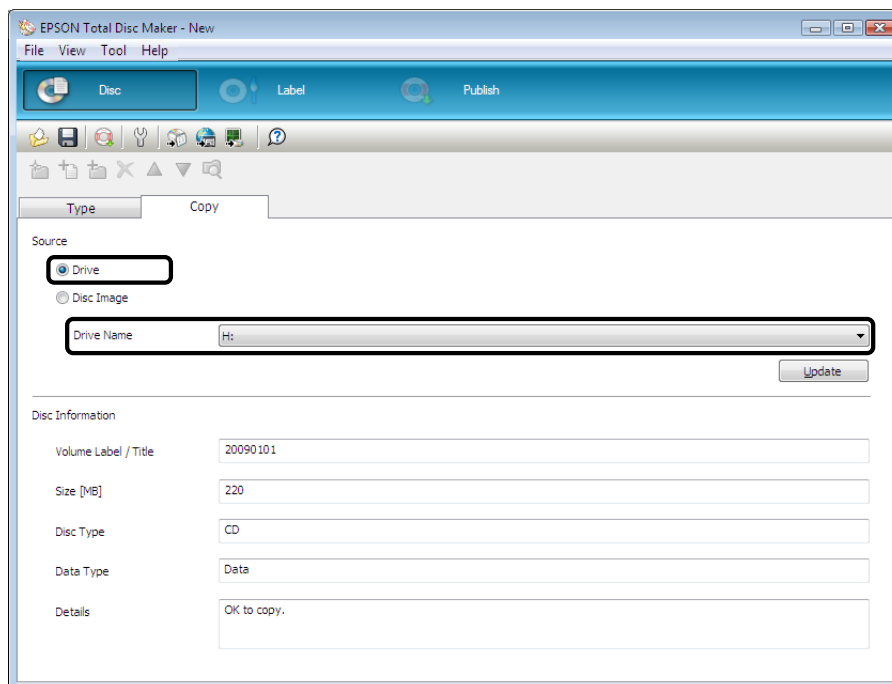


- 2** Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.

3 Select [Copy] for [Type], and click [Apply].



4 Select [Drive] for [Source], and select the name of the drive in which you inserted the disc.



Next, follow the normal procedure for creating a disc, and create the label (see page 94 in this guide) and publish the disc (see page 106 in this guide).

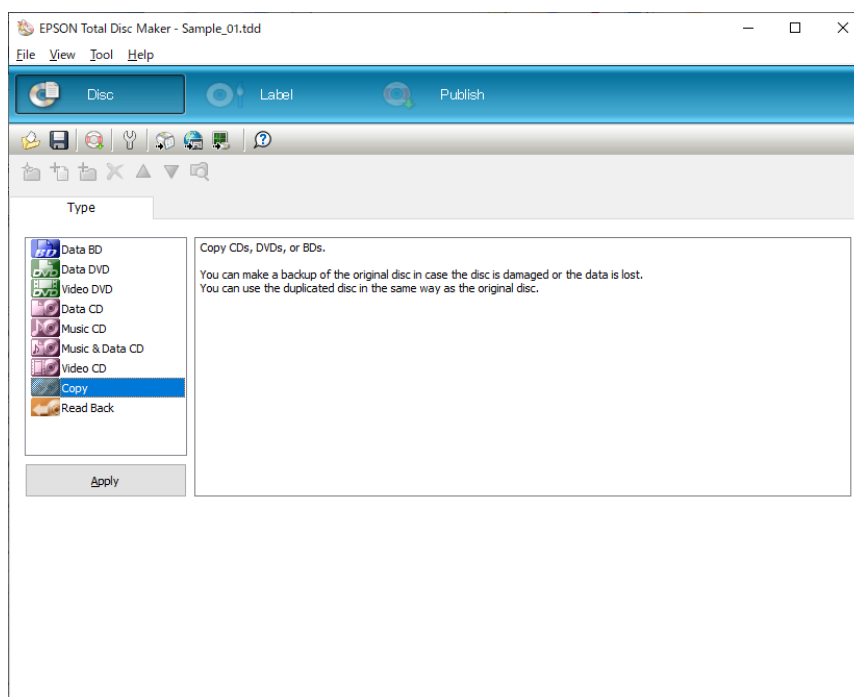
Creating copies from disc image files

You can use a disc image file to create disc copies.

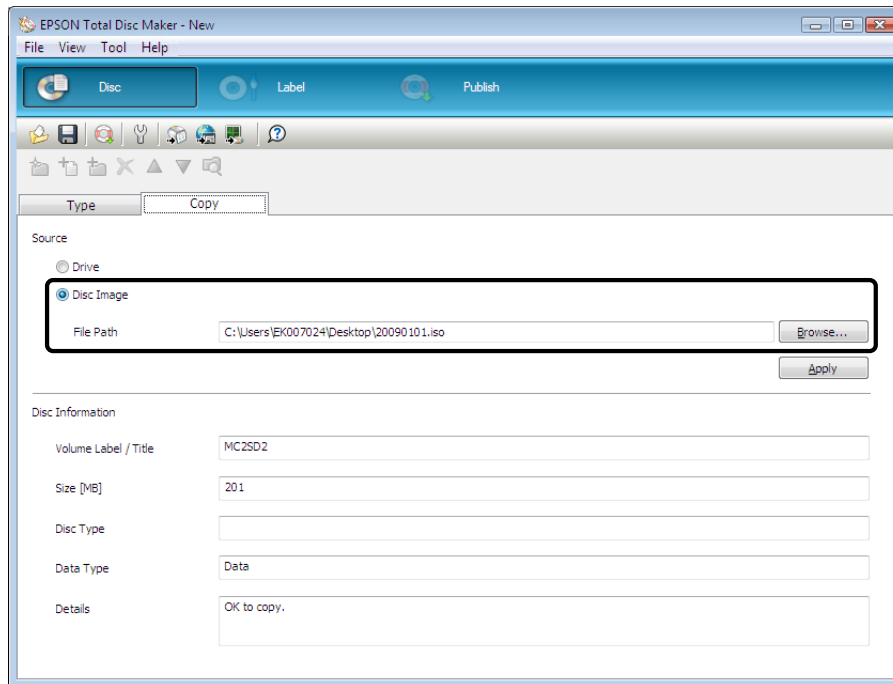
Notes

- If you click [Create Disc Image] on the [File] menu after registering write data (see page 90 in this guide), you can create a disc image file.
- When reading and copying discs with EPSON Total Disc Maker, you can only use image files (iso files) created with EPSON Total Disc Maker. We cannot guarantee the operation of image files created by software from another company or disc image files read from discs created using software from another company.

- 1 Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
- 2 Select [Copy] for [Type], and click [Apply].



- 3** Select [Disc Image] for [Source], click [Browse], and specify the disc image file.



Next, follow the normal procedure for creating a disc, and create the label (see page 94 in this guide) and publish the disc (see page 106 in this guide).

Creating same discs as published discs


Publishing a job again allows you to easily create discs with the same content (data/label) as a disc you have already created.

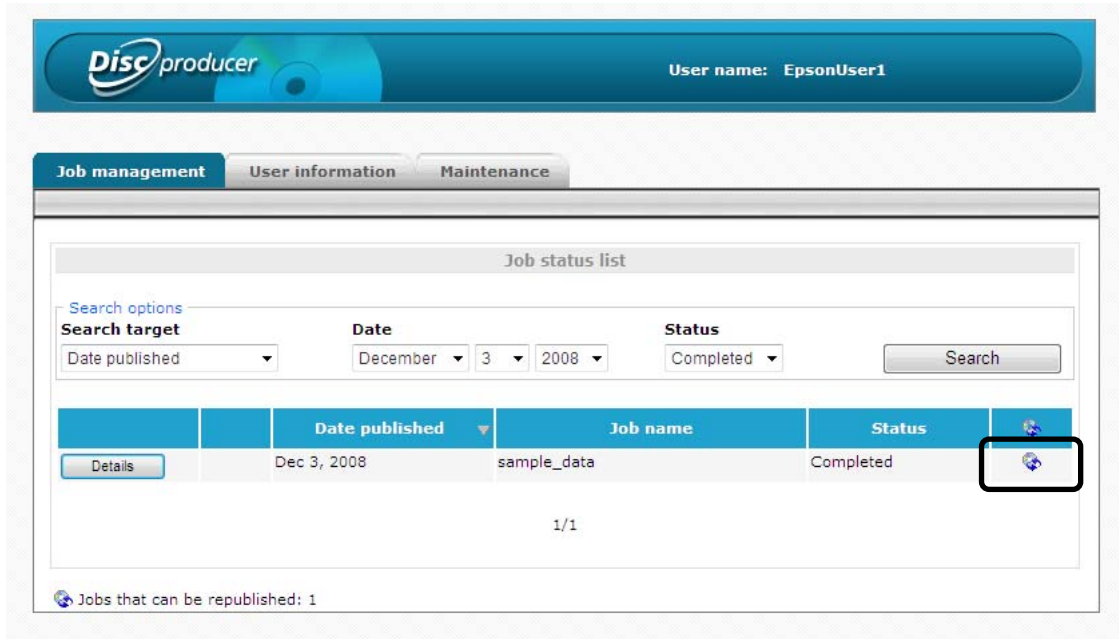


- Creating a disc that is the same as a disc printed from commercially available software is not possible.
- Creating the same disc is only possible if the job data was saved when the job was published. (See page 108 in this guide.)
- If Auto Data (Publish Date or Publish Time) is inserted as label print data, the saving of Job data may not be possible.
- As a precaution in case the spool data (job data) is lost because of trouble with the product's internal hard disk, we recommend using the file save function of EPSON Total Disc Maker to save the data file (.tdd file) and write data to a computer.

- 1 Log in to EPSON Total Disc Net Administrator.
See "Logging in to EPSON Total Disc Net Administrator" on page 55 in this guide for the login procedure.
- 2 Use the search options to find the job for which you want to create another disc.

The screenshot displays the EPSON Total Disc Net Administrator web interface. At the top, the 'Disc producer' logo is on the left, and the user name 'EpsonUser1' is on the right. Below the header, there are three tabs: 'Job management', 'User information', and 'Maintenance'. The 'Job management' tab is selected. Under this tab, there is a 'Job status list' section. A search box is highlighted with a red rectangle. It contains the following elements: a link for 'Search options', a 'Search target' dropdown menu set to 'Date published', a 'Date' section with dropdowns for 'December', '3', and '2008', a 'Status' dropdown menu set to 'Completed', and a 'Search' button.

When a job can be created,  is displayed.



The screenshot shows the 'Disc producer' web interface. At the top, the user name is 'EpsonUser1'. Below the navigation tabs, the 'Job status list' section is visible. It includes search options for 'Search target' (Date published), 'Date' (December 3, 2008), and 'Status' (Completed). A table lists the job status, with columns for 'Date published', 'Job name', and 'Status'. The job 'sample_data' is listed with a status of 'Completed'. A 'Details' button is located next to the job name, and a disc icon is shown in the status column, highlighted with a black box.

Date published	Job name	Status
Dec 3, 2008	sample_data	Completed

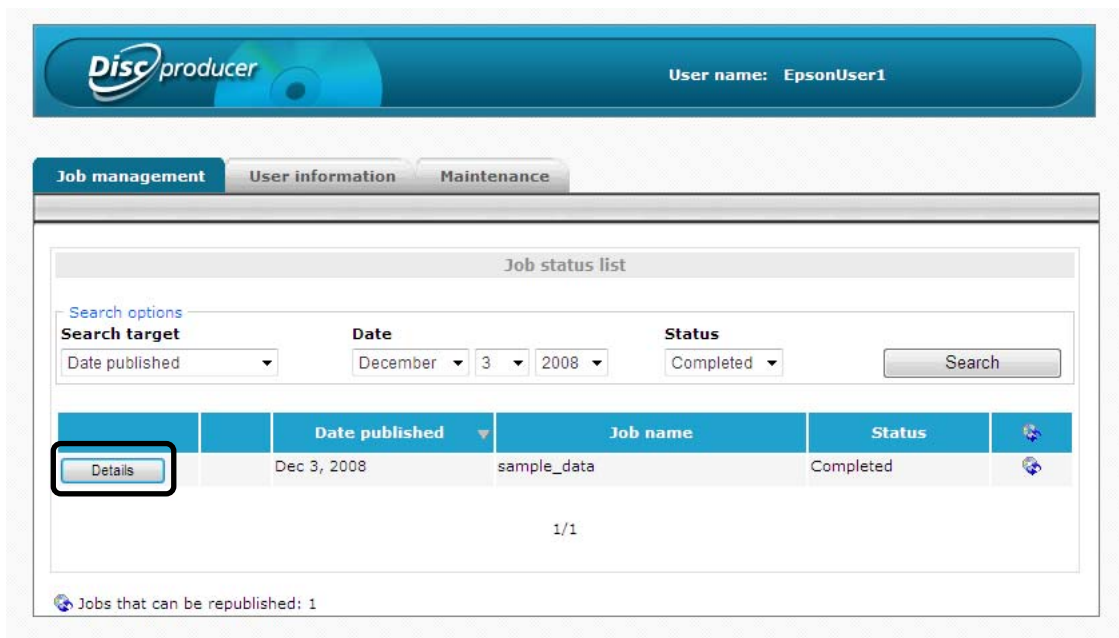
1/1

Jobs that can be republished: 1



The same disc can only be created when the status of the job is Completed.

3 Click [Details].



The screenshot shows the 'Disc producer' web interface. At the top, the user name is 'EpsonUser1'. Below the navigation tabs, the 'Job status list' section is visible. It includes search options for 'Search target' (Date published), 'Date' (December 3, 2008), and 'Status' (Completed). A table lists the job status, with columns for 'Date published', 'Job name', and 'Status'. The job 'sample_data' is listed with a status of 'Completed'. A 'Details' button is located next to the job name, highlighted with a black box.

Date published	Job name	Status
Dec 3, 2008	sample_data	Completed

1/1

Jobs that can be republished: 1

4 Click [Republish].

The screenshot shows the 'Disc producer' software interface. At the top, the user name is 'EpsonUser1'. The main menu includes 'Job management', 'User information', and 'Maintenance'. A 'Back' button is located in the top right corner of the main content area.

The 'Job details' section is divided into two main columns. The left column, titled 'Disc information', contains a 'Data' tab with a table listing three folders: 'sample_data_1', 'sample_data_2', and 'sample_data_3'. Below this table, the 'Disc type' is 'Data CD' and a progress bar shows the 'Size' at 0 out of 650,700, with a total of 346.1 MB.

The right column contains several sections:

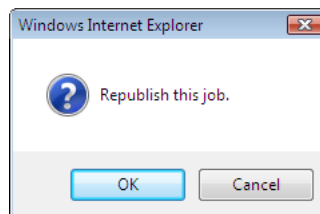
- Basic information:** Job name (sample_data), Date published (Dec 3, 2008 20:02:07), Last updated (Dec 3, 2008 20:03:26), and Status (Completed).
- Publishing information:** Job type (Publish), Write verification (None), Write speed (40 X), Number of discs to be published (1 Disc(s)), and Number of discs published (1 Disc(s)).
- Finished Job Details:** Publishing was completed.

A 'Republish' button is located at the bottom right of the 'Job details' section.

- 5 Change [Number of discs to be published] as necessary, and click [Publish].

The screenshot shows the 'Disc producer' software interface. At the top, the 'User name' is 'EpsonUser1'. Below the navigation tabs ('Job management', 'User information', 'Maintenance'), the 'Job details' window is open. It contains two main sections: 'Disc information' and 'Basic information'. The 'Disc information' section has a 'Data' tab with a table listing three folders: 'sample_data_1', 'sample_data_2', and 'sample_data_3'. The 'Basic information' section shows 'Job name: sample_data', 'Date published: Dec 3, 2008 20:21:09', 'Last updated: Dec 3, 2008 20:21:09', and 'Status: Registered'. Below this, the 'Publishing information' section shows 'Job type: Publish', 'Write verification: None', 'Write speed: 40 X', and 'Number of discs to be published: 3 Disc(s)'. The 'Number of discs published' is '0 Disc(s)'. A 'Publish' button is at the bottom right. A progress bar at the bottom shows 'Size' from 0 to 650,700 MB, with a current value of 346.1 MB.

- 6 Click [OK].



The disc publishing process begins.



If there are jobs waiting to be processed, the disc publishing process begins in the order with which jobs were published.

- 7 When the publishing process finishes, take out the published discs.
See "Taking out discs" on page 109 in this guide for details.

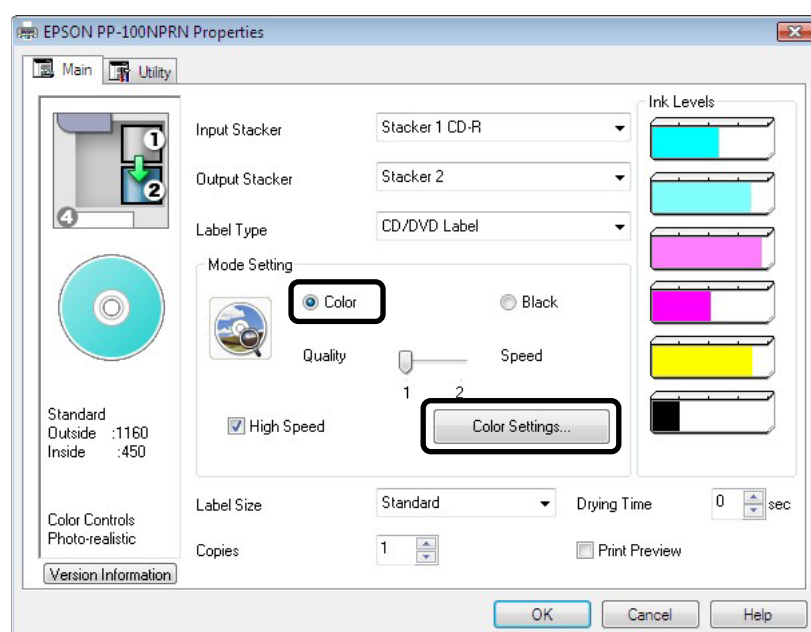
Adjusting print colors

This section describes how to adjust the colors of print data and then print a label.

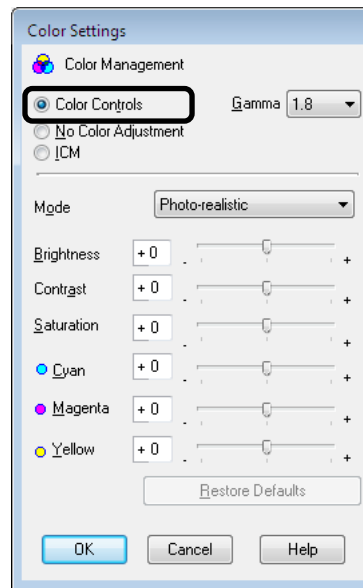
Notes

- You can just make color adjustments at the time of printing without making color adjustments to the actual data.
- If [Mode Setting] is set to [Black] on the [Main] screen of the printer driver, color adjustments cannot be made.

- 1 Display the setting screen of the printer driver.
See “Displaying the printer driver screen” on page 62 in this guide for the display procedure.
- 2 Select [Color], and click [Color Settings].



3 Select [Color Controls], set each color item, and click [OK].



Mode	Adjust the color balance of the data to print in accordance with the following [Mode] settings.	
	Photo-realistic	Uses the standard color correction of the printer driver for printing. Performs color processing to create a more natural color state.
	Vivid	Performs color processing to increase color saturation to strengthen the intensity of colors.
	EPSON Standard	Performs color processing to obtain the standard colors of Epson.
	Adobe RGB	Performs color processing with Adobe RGB for wider color space. Select this options when, for example, printing print data that includes Adobe RGB color space information.
Brightness	Adjusts the brightness of the whole image. This is effective when the whole image is dark or bright.	
Contrast	Adjusts the contrast ratio of the image. The standard is 0. Sliding the slider in the plus (+) direction raises the contrast to make the brighter parts brighter and the darker parts darker. Sliding the slider in the minus (-) direction lowers the contrast to reduce the difference between the bright parts and dark parts of the image.	
Saturation	Adjusts the color saturation of the image. The standard is 0. Sliding the slider in the plus (+) direction raises the saturation to strengthen the colors. Sliding the slider in the minus (-) direction lowers the saturation, resulting in achromatic color close to gray.	
Cyan	- setting: Strengthens red. + setting: Strengthens cyan.	
Magenta	- setting: Strengthens green. + setting: Strengthens magenta.	
Yellow	- setting: Strengthens blue. + setting: Strengthens yellow.	

Printing labels/Writing data using the Merge function

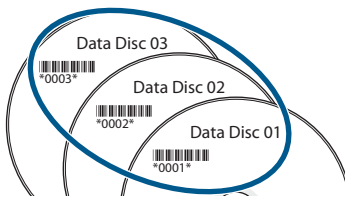
With the Merge function, you can create a CSV file to specify the information to be printed and the data to be written to disc, for each disc.

There are 3 different uses for this function. For more information, please refer to Help in EPSON Total Disc Maker.

Use 1: Merge Function (print label)

Print different numbers and barcodes on discs.

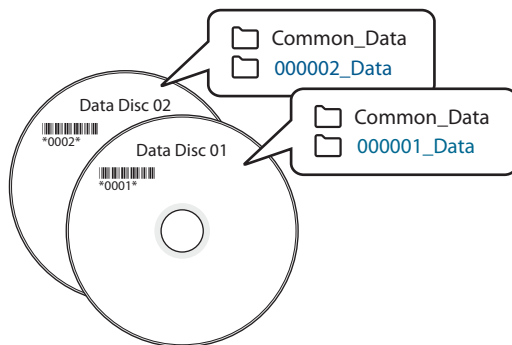
For information about the configuration procedure, see “Merge Function (print label)” on page 134.



Use 2: Merge Function (data file)

Write different data to each disc.

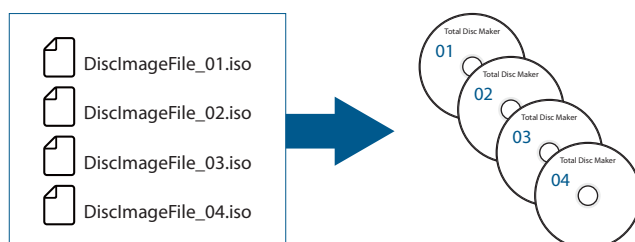
For information about the configuration procedure, see “Merge Function (data file)” on page 138.



Use 3: Merge Function (disc image)

Write different disc image files to each disc at the same time.

For information about the configuration procedure, see “Merge Function (disc image)” on page 142.



Limitations

The Merge function has the following limitations.

Number of Discs that can be Printed at a Time

Up to 100 discs can be printed at a time with the Merge function.

Number of Items that can be Created in a Label

The following table shows the number of items that can be created in single label.

Item	Item name	Limitation
Maximum number of characters	Text	1,024 characters (2,048 bytes)
Maximum number of items	Thumbnails	10
	Images	50
	All items	255 in total

Types of Items Supported by the Merge Function

The Merge function supports text and barcodes.

CSV Files

Samples of CSV files that you can use with the Merge function are available in the following folder.

EPSON Total Disc Maker installation folder (default setting):

- 32-bit OS: C:\Program Files\epson\Total Disc Maker\sample
- 64-bit OS: C:\Program Files (x86)\epson\Total Disc Maker\sample

Column Names							
No	Title	Subtitle		Host Location	Date	Files	
3	121002 Coaching and Consultation	Risk Management - Why and How	ABCD Workshops, Inc.	ABCD Training Center, CA	10/1/2012	d:\data\121002	
4	121003 Coaching and Consultation	Coaching Vs. Mentoring	ABCD Workshops, Inc.	ABCD Training Center, CA	10/2/2012	d:\data\121003	
5	121004 Coaching and Consultation	Building Blocks of an Effective Team	ABCD Workshops, Inc.	ABCD Training Center, CA	10/2/2012	d:\data\121004	
6	121005 Coaching and Consultation					d:\data\121005	
7	121006 Coaching and Consultation					d:\data\121006	
8	121007 Coaching and Consultation	The Golden Rule to Effective Leadership	ABCD Workshops, Inc.	ABCD Training Center, CA	10/4/2012	d:\data\121007	
9	121008 Coaching and Consultation	Leadership Vs. Management 101	ABCD Workshops, Inc.	ABCD Training Center, CA	10/4/2012	d:\data\121008	
10	121009 Coaching and Consultation	The Secret to Effective Meetings	ABCD Workshops, Inc.	ABCD New York Center	10/4/2012	d:\data\121009	
11	121010 Coaching and Consultation	Time Management for Coaches	ABCD Workshops, Inc.	ABCD New York Center	10/4/2012	d:\data\121010	

Text data to be merged, paths to the data to be merged, etc.

The following table shows the limitations regarding the CSV files that can be used.

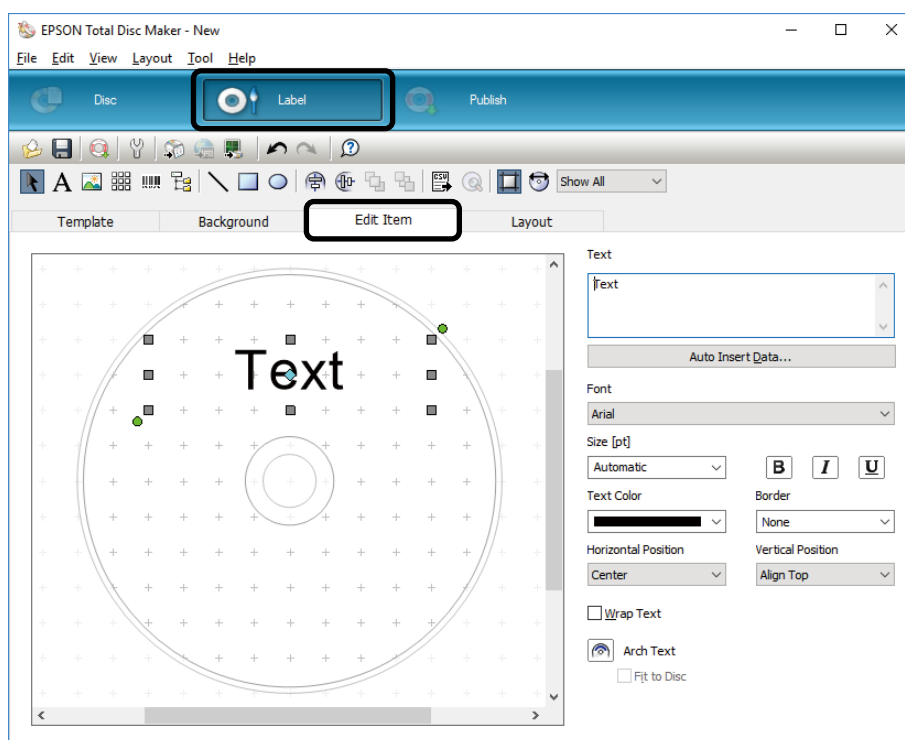
Item	Limitation
1st row	Must display column names
Maximum number of rows*	101
Maximum number of columns*	257


*: Data in a CSV file that exceeds the maximum number of rows or maximum number of columns is not read.
Column names are included in the maximum number of rows.

Configuration Procedure

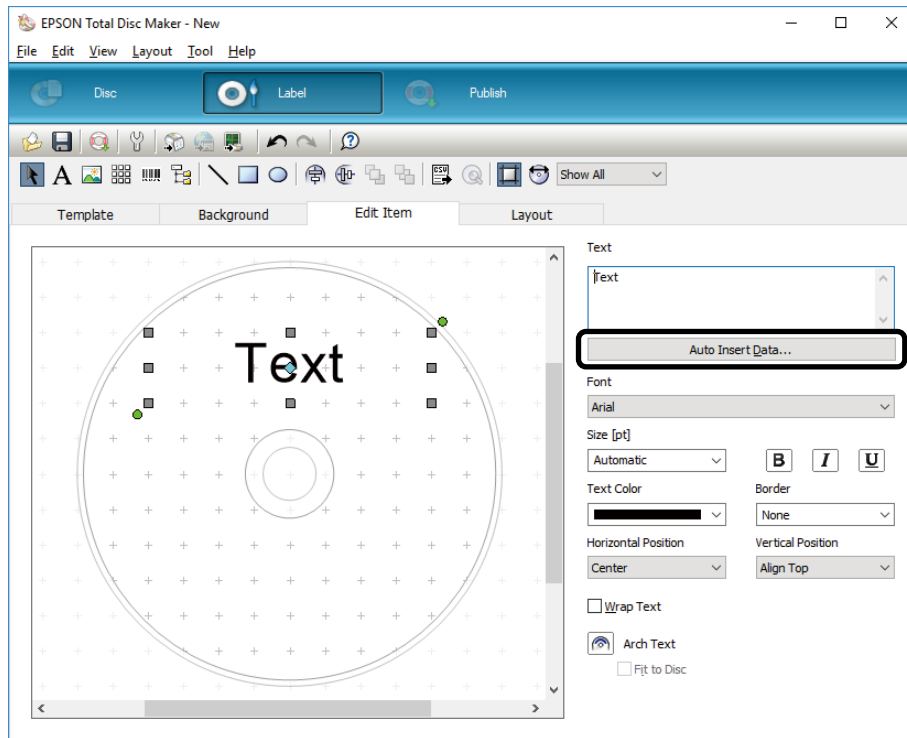
Merge Function (print label)

- 1 Create a CSV file that includes the information you want to merge.
See “CSV Files” on page 133 in this guide.
- 2 Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
- 3 Select Label view and then click the [Edit Item] tab.

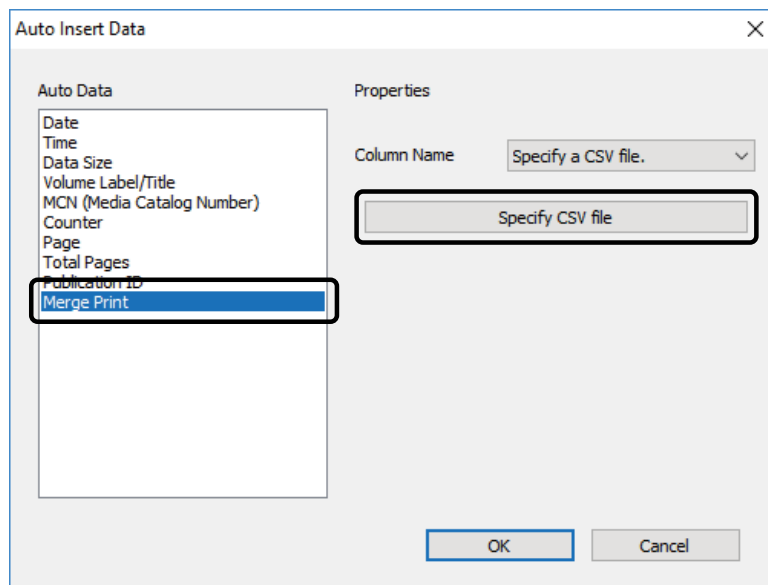


- 4 Click **A** [Text] in the tool bar, and then click the location where you want to place the merged text.
The text item appears in the edit area.
To merge a barcode item, click  [Barcode].

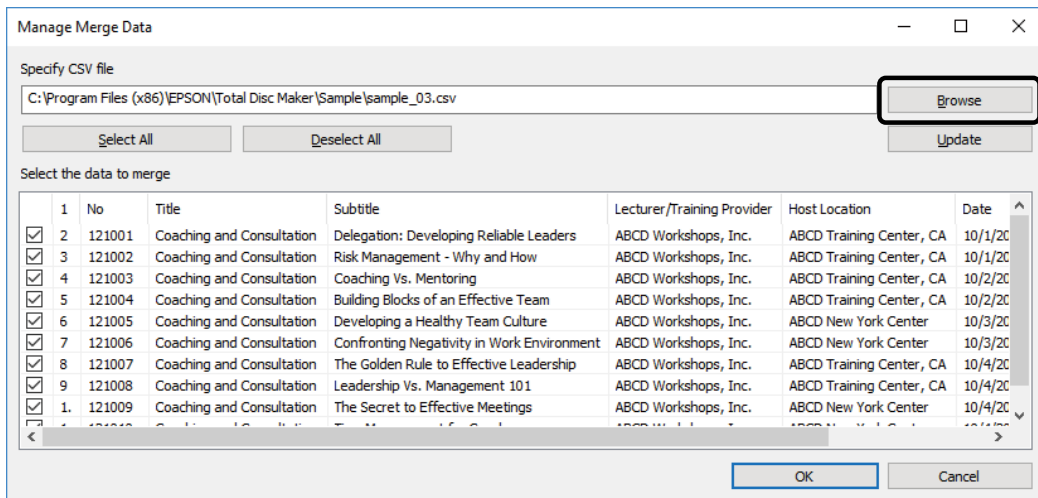
- 5 Click the [Auto Insert Data...] button.
The Auto Insert Data screen appears.



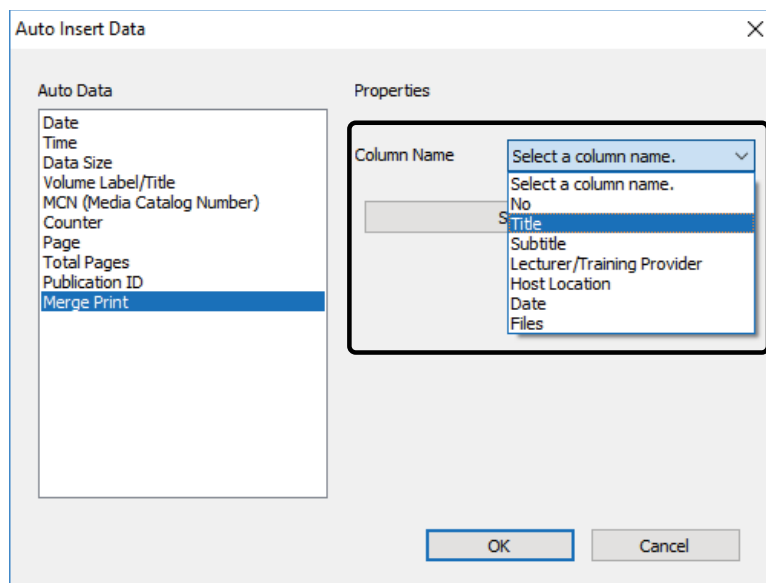
- 6 In the Auto Data list select [Merge Print], and then click the [Specify CSV file] button.
The Manage Merge Data screen appears.



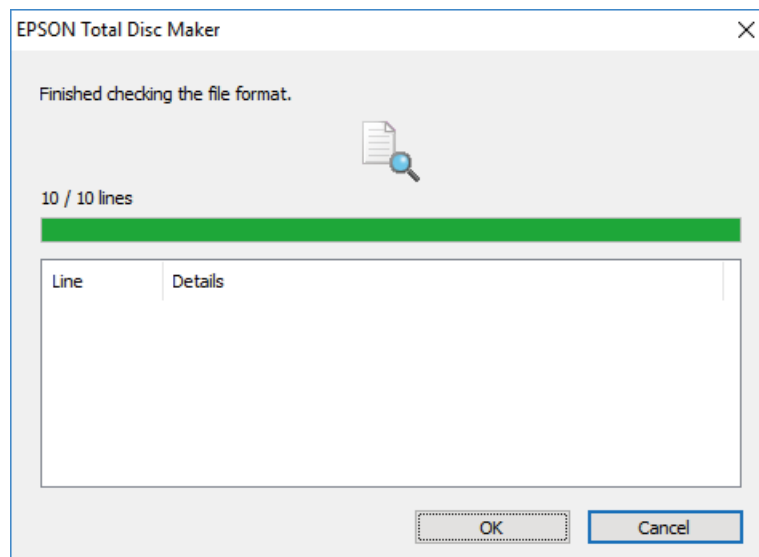
- 7 Use [Column Name] to select the column name that you want to merge in the text item, and then click the [OK] button.



- 8 Use [Column Name] to select the column name that you want to merge in the text item, and then click the [OK] button.



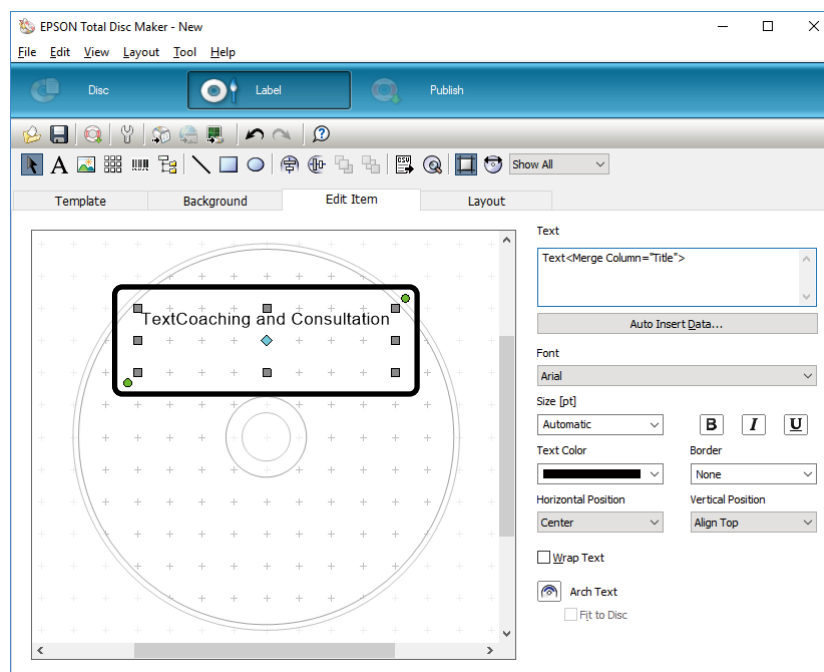
- 9 When the format check is finished, click the [OK] button.



Notes

- If an error is found, click the [Cancel] button and correct the CSV file.
- To read a corrected CSV file, click the [Update] button on the Manage Merge Data screen.

- 10 Confirm that the data for the selected column name has been merged in the text item. To continue merging the content of other columns, repeat procedures 8 through 10.



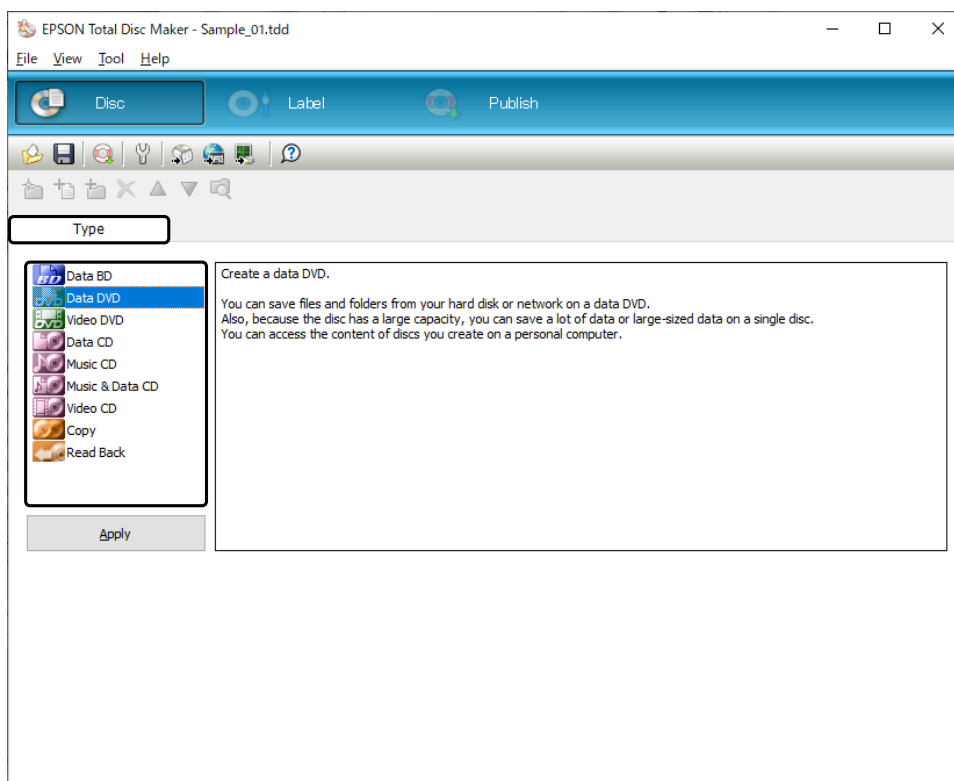
Notes

- Only the data that will be printed on the label for the 1st disc will appear in the edit area.

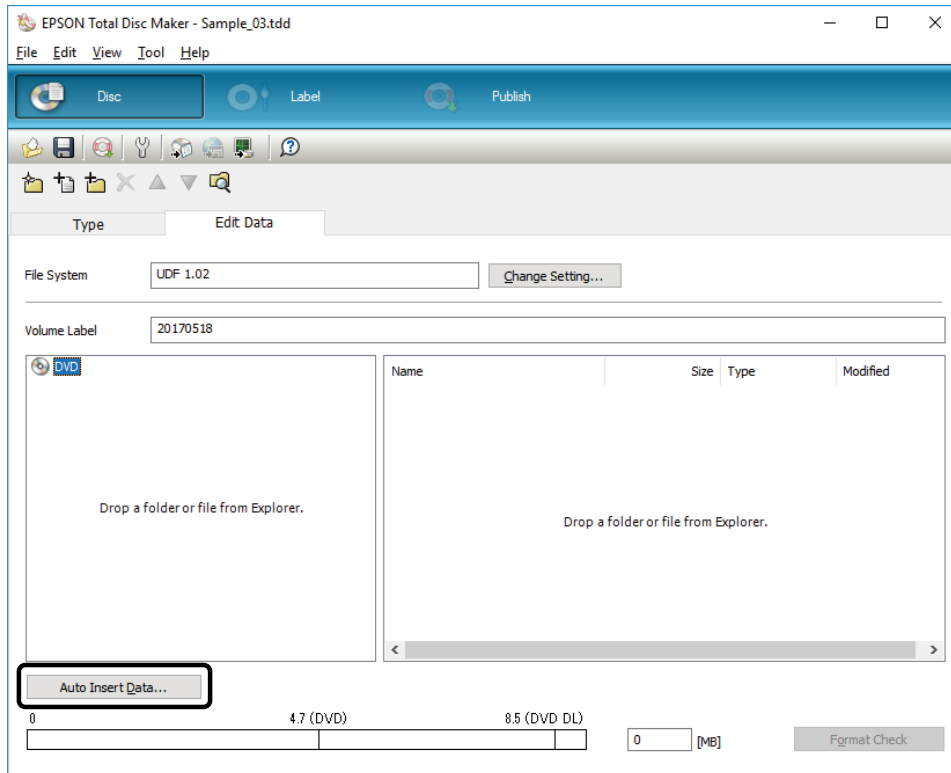
Next, follow the normal procedure for publishing discs (see page 106 in this guide).

Merge Function (data file)

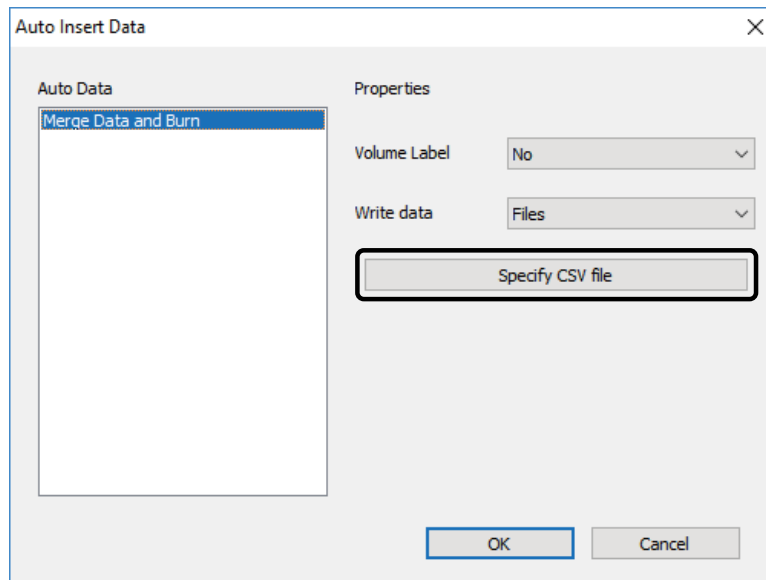
- 1** Create a CSV file that specifies the full path to the folder where the merged data will be saved.
See “CSV Files” on page 133 in this guide.
You can specify one folder for each disc.
- 2** Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
- 3** On the [Type] tab in Disc view, select either [Data BD], [Data DVD], or [Data CD] and then click the [Apply] button.



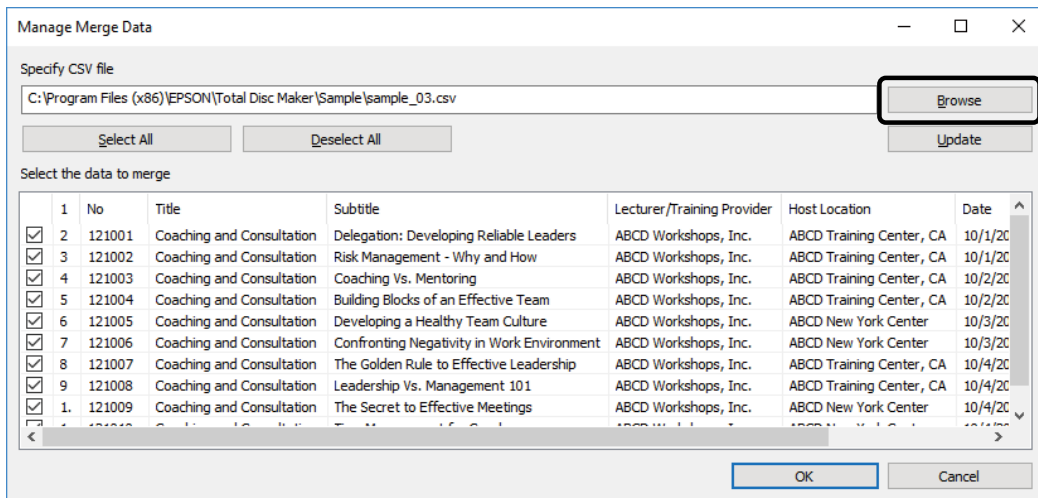
- 4** On the [Edit Data] tab, click the [Auto Insert Data...] button.
The Auto Insert Data screen appears.



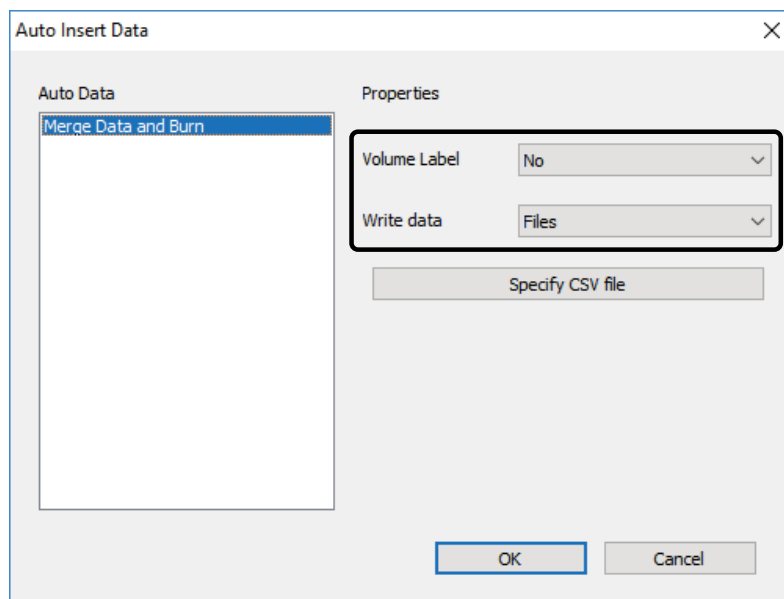
- 5** Click the [Specify CSV file] button.
The Manage Merge Data screen appears.



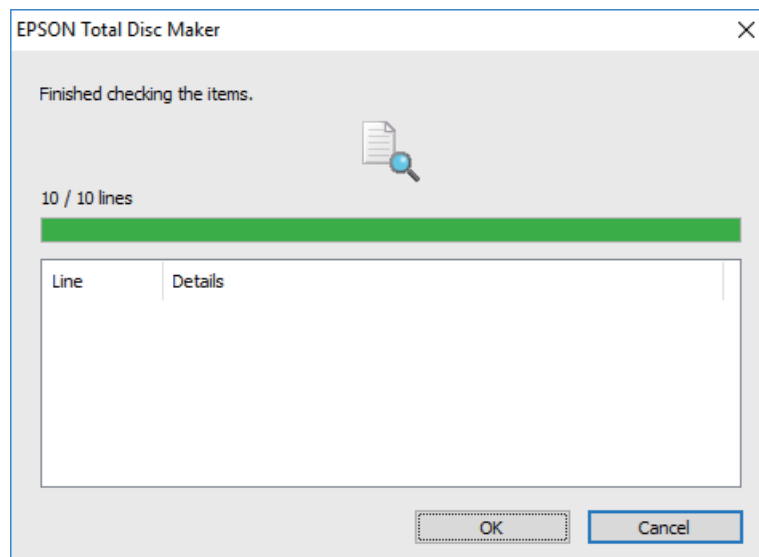
- 6 Click the [Browse] button, and then select the CSV file that you created in procedure 1. Select the check boxes for the rows that you want to publish, and then click the [OK] button.



- 7 For [Volume Label] select the column name that has the volume label for the data file that you want to merge, and for [Write data] select the column name that has the full path, and then click the [OK] button.



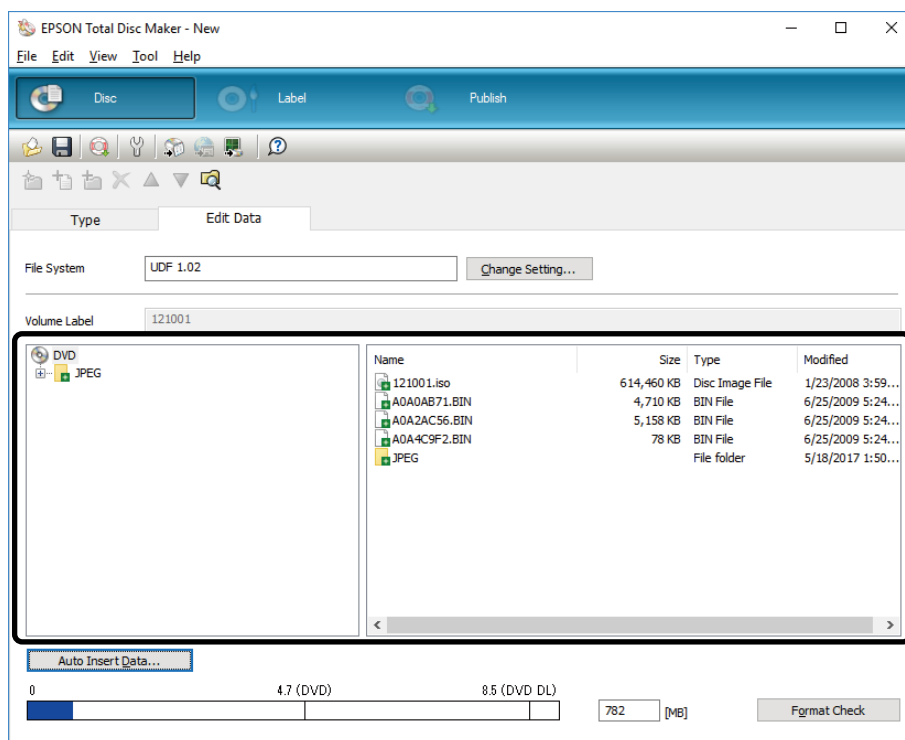
- 8 When the format check is finished, click the [OK] button.




Notes

- If an error is found, click the [Cancel] button and correct the CSV file.
- To read a corrected CSV file, click the [Update] button on the Manage Merge Data screen.

- 9 Confirm that the data to be written appears on the [Edit Data] tab in Disc view.



Notes

- Only the content that will be written to the 1st disc will appear.
- Merged data that has been specified with a CSV file is indicated by .

Next, follow the normal procedure for publishing discs (see page 106 in this guide).

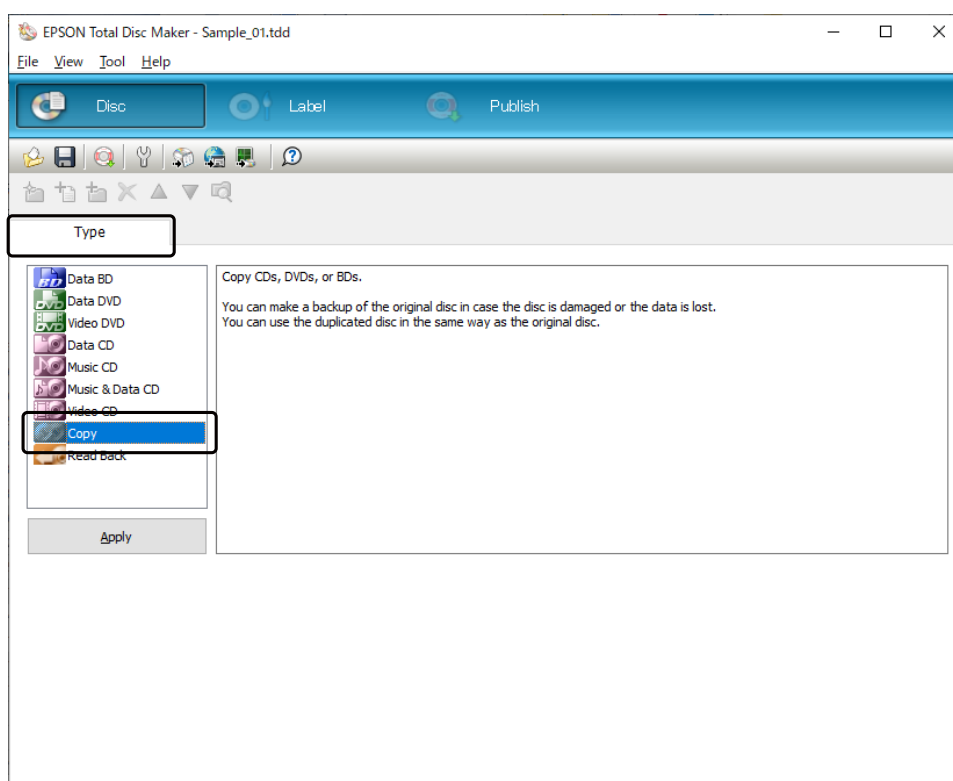
Merge Function (disc image)

- 1 Create a CSV file that specifies the full path to the disc image file that you want to write.
See “CSV Files” on page 133 in this guide.

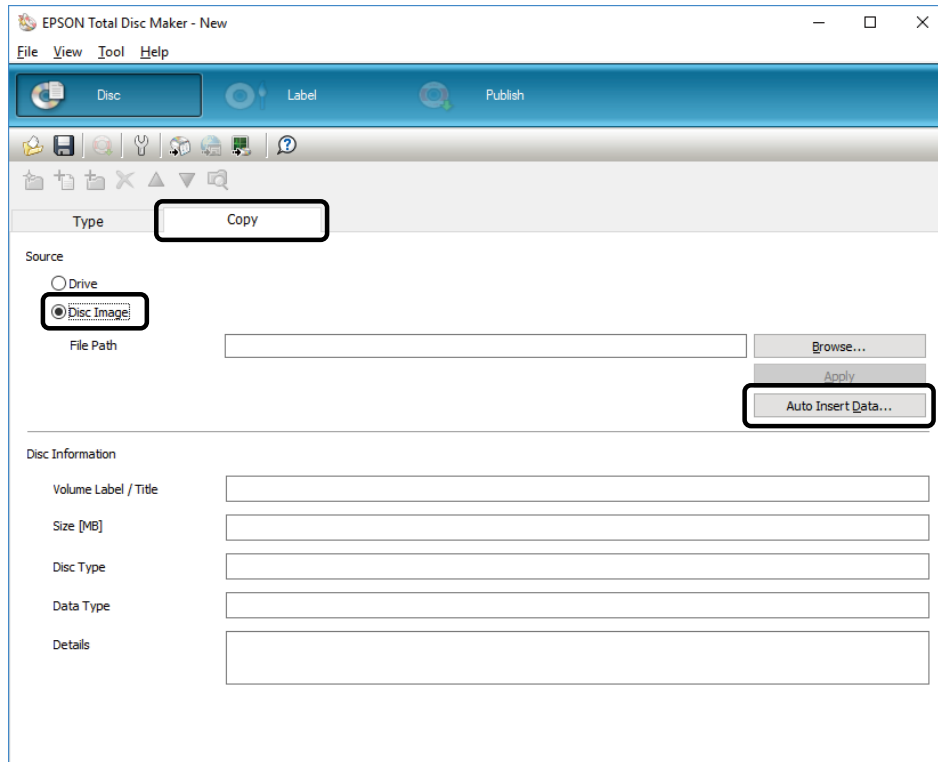
Notes

When reading and copying discs with EPSON Total Disc Maker, you can only use image files (iso files) created with EPSON Total Disc Maker. We cannot guarantee the operation of image files created by software from another company or disc image files read from discs created using software from another company.

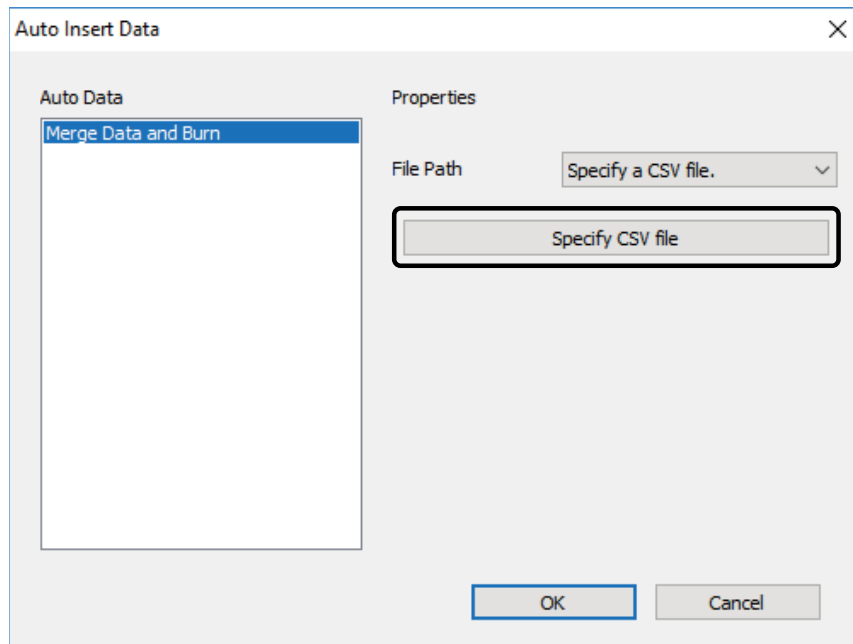
- 2 Start EPSON Total Disc Maker.
See “Starting EPSON Total Disc Maker” on page 40 in this guide for the start procedure.
- 3 On the [Type] tab in Disc view, select [Copy] and then click the [Apply] button.



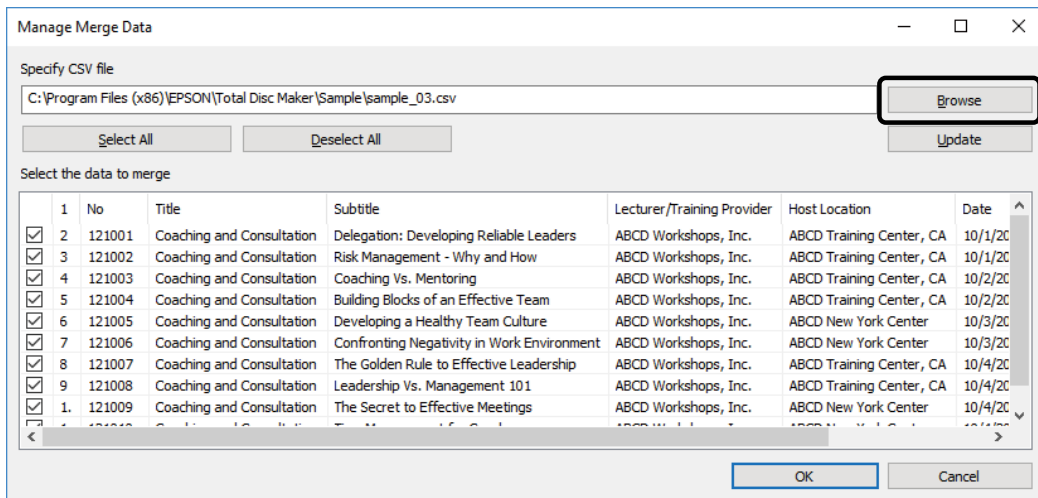
- 4** On the [Copy] tab, select [Disc Image] and then click the [Auto Insert Data...] button.
The Auto Insert Data screen appears.



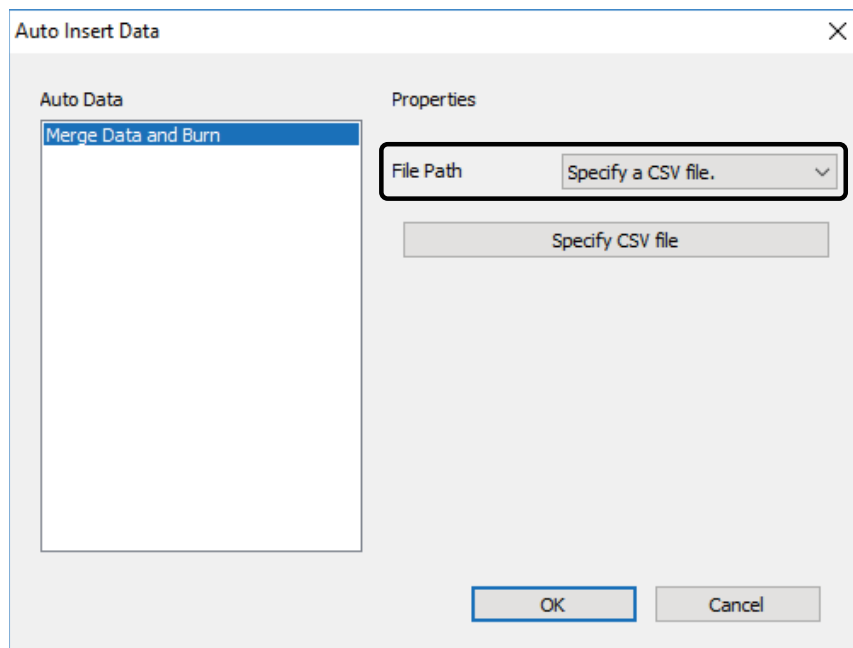
- 5** Click the [Specify CSV file] button.
The Manage Merge Data screen appears.



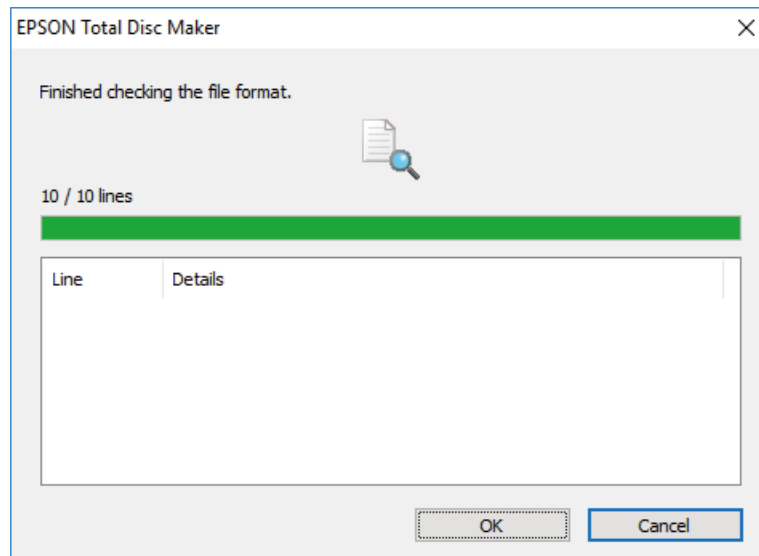
- 6 Click the [Browse] button, and then select the CSV file that you created in procedure 1. Select the check boxes for the rows that you want to publish, and then click the [OK] button.



- 7 For [File Path] select the column name that has the full path to the disc image file that you want to write, and then click the [OK] button.



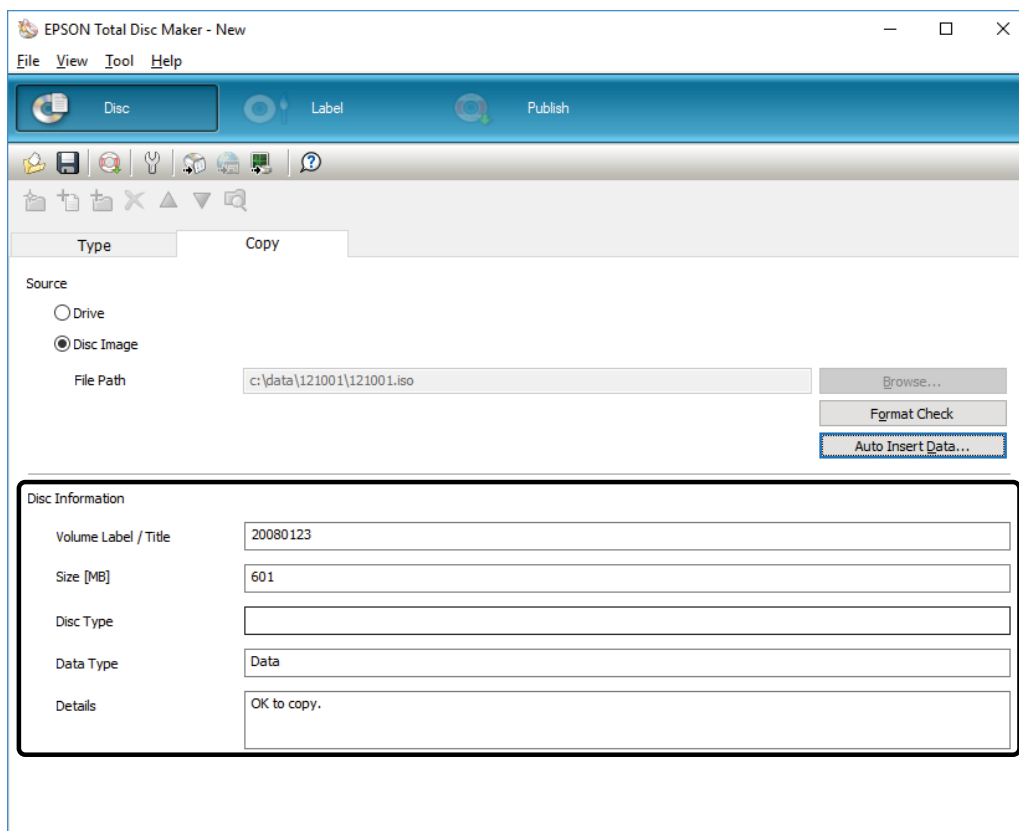
- 8 When the format check is finished, click the [OK] button.



Notes

- If an error is found, click the [Cancel] button and correct the CSV file.
- To read a corrected CSV file, click the [Update] button on the Manage Merge Data screen.

- 9 Confirm that the disc information for the disc image file that you want to write appears under [Disc Information].



Notes

- Only the disc information for the 1st disc will appear.

Next, follow the normal procedure for publishing discs (see page 106 in this guide).

Maintenance

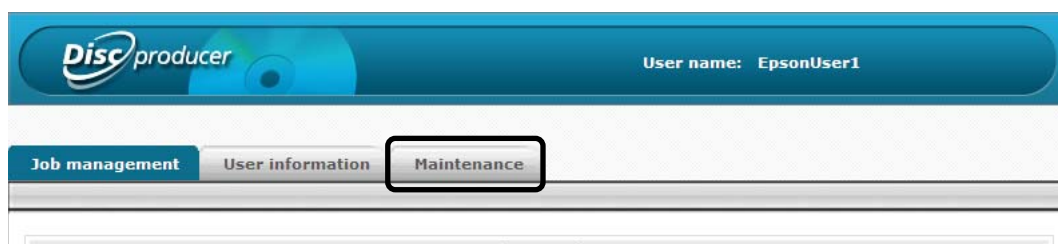
Checking maintenance information

This section describes how to check information that is useful when carrying out maintenance and providing support for this product.

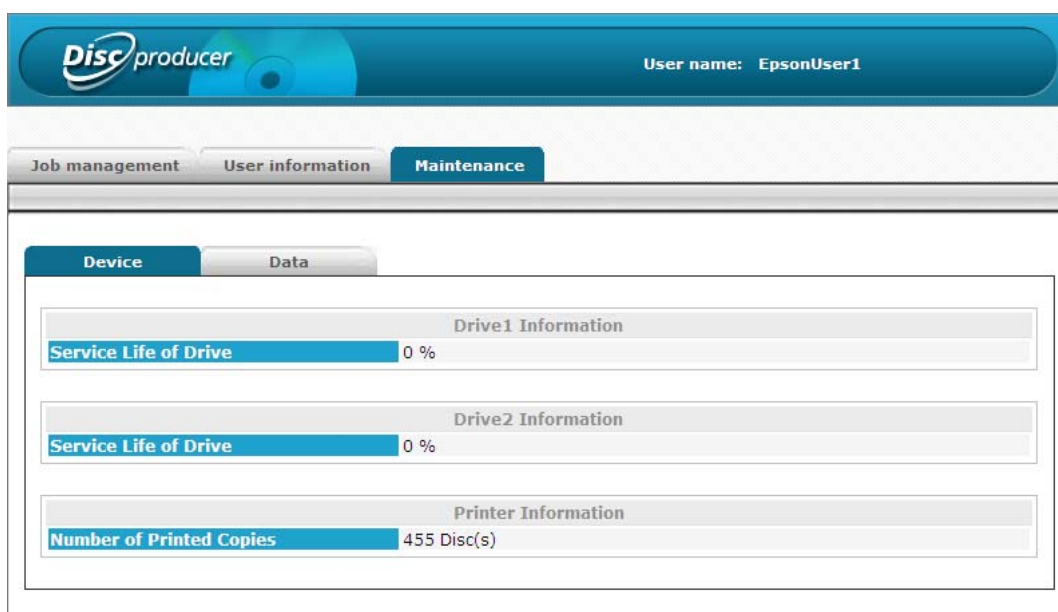
Checking device information

Use the following procedure to check the usage status of the internal drives and the number of published discs.

- 1 Log in to EPSON Total Disc Net Administrator.
See “Logging in to EPSON Total Disc Net Administrator” on page 55 in this guide for the login procedure.
- 2 Click the [Maintenance] tab.



The usage statuses of drivers 1 and 2, and the number of published discs appear in the [Device] screen.



Notes

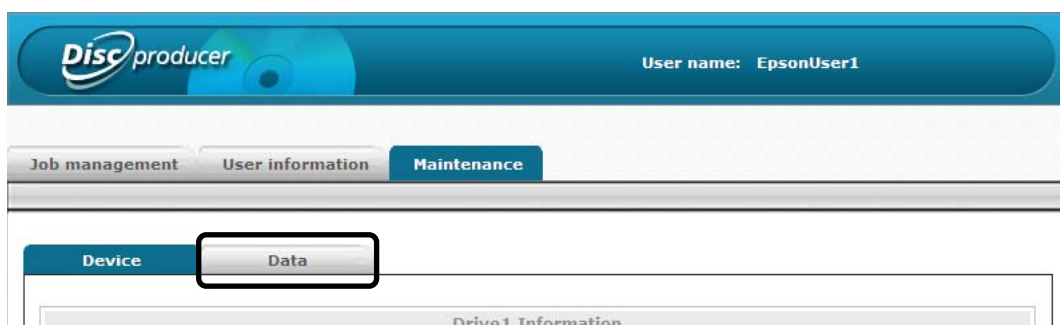
You can also display the usage statuses of drivers 1 and 2, and the number of published discs by clicking the [Maintenance Info] tab in the [Properties] screen of EPSON Total Disc Setup.

Downloading operation log

The history of this product's operations and actions are recorded as an operation log. You can download an operation log file for 30 days of operation. Use the operation log file for maintenance and support.

Use the following procedure to download the operation log file.

- 1 Log in to EPSON Total Disc Net Administrator.
See "Logging in to EPSON Total Disc Net Administrator" on page 55 in this guide for the login procedure.
- 2 Click the [Data] tab of the [Maintenance] screen.



- 3 Click [Download].



- 4 Specify the save location for the operation log file, and then save the operation log file.

Changing the ink cartridge

Checking the ink levels

When it becomes time to replace even one of the ink cartridges, printing is no longer possible.

When it is almost time to replace the ink cartridges, a message is displayed on the LCD notifying you that the ink cartridges need to be replaced soon. If this message is displayed, prepare new ink cartridges. You can continue printing labels until the Ink LED turns on.

When it is time to replace the ink cartridges, printing stops immediately before the ink runs out, and a message saying that the ink cartridges need to be replaced is displayed on the LCD. See “Replacing the ink cartridges” on page 149 in this guide for the ink cartridge changing procedure.

Notes

If an administrator has set notification email transmission, an email is sent to notify each administrator that the ink cartridges need to be replaced soon or that the ink cartridges need to be replaced.

You can check the ink levels in EPSON Total Disc Monitor. See the Help file for EPSON Total Disc Monitor for details.

Notes

- When the ink cartridges are installed for the first time (during setup), ink is consumed for filling, and so the time to replace the cartridges is earlier than normal.
- Even when Black is selected in the printer driver, all the ink colors are used in an operation designed to maintain the printing and print head quality.
- The product stops running before the ink is completely empty to maintain print head quality. Therefore, some ink will be left in the ink cartridge.

Replacing the ink cartridges

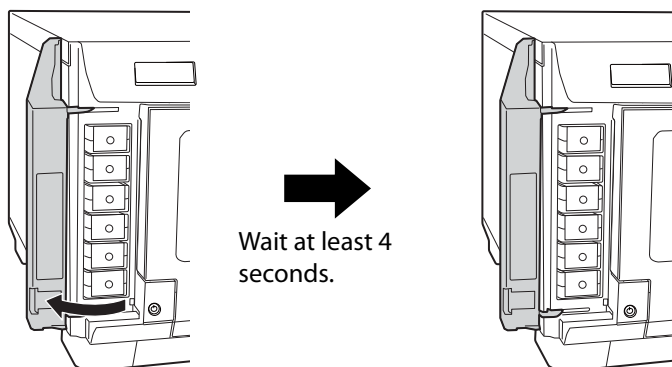
This section describes how to replace the ink cartridges, using light magenta as an example. The replacement positions differ for the other colors, but the procedure is the same.

See “Ink cartridge” on page 188 in this guide for the ink cartridge model numbers.



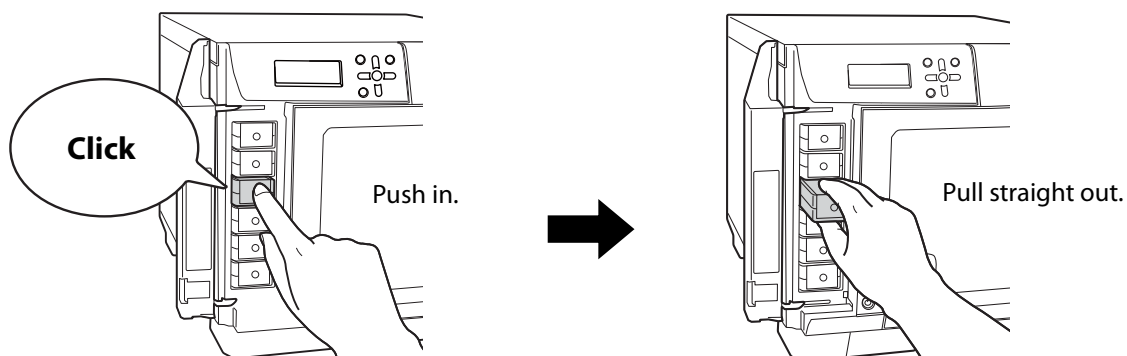
- Use of Epson brand ink cartridges is recommended. Use of non-Epson brand ink cartridges can result in problems that will not be covered by the warranty.
- Epson cannot guarantee the quality and reliability of non-Epson brand products. Repairs for any damage or breakdown of this product due to the use of non-Epson brand products will not be free of charge even if the warranty period is still valid.
- This product performs color adjustment based on use of Epson brand ink cartridges. Use of non-Epson brand ink products can adversely affect the printing quality and prevent the product from realizing its maximum performance.
- Do not place the ink cartridge with the ink supply holes facing downward. This could cause stains on a desk or other surface. In addition, dirt stuck on this product may prevent it from functioning properly.
- Do not store ink cartridges in environments exposed to high temperatures, freezing or direct sunlight.

- 1 Open the ink cartridge cover, and wait at least 4 seconds until internal operations stop.



If you take out the ink in less than 4 seconds, there is a risk that the ink may spurt out.

- 2** Gently push in the ink cartridge until you hear a click, unlock the lock, and then slowly pull it straight out.

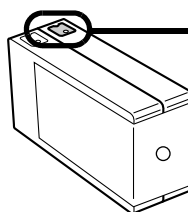


- Ink may leak from the ink supply port on the ink cartridge you pulled out.
- Once an ink cartridge is used, there may be some ink around the ink supply port, so do not touch it.

- 3** Take the ink cartridge out of its package.



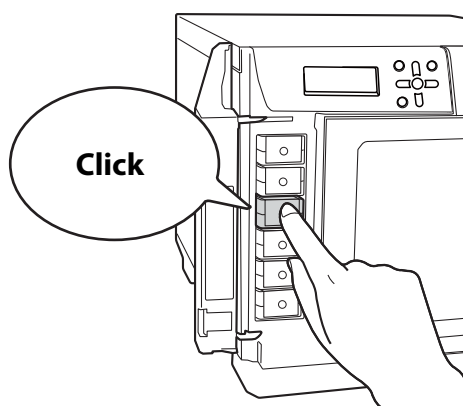
- For optimum printing quality, only open the clear plastic package immediately before installing. After opening the cartridge, try to use it up within six months. If you use an ink cartridge that has been left open for a long time, the print quality may decline.
- When you open the plastic package, be careful not to drop the ink cartridge. The ink may leak out.
- Do not leave the ink supply port on an ink cartridge facing downward. This could stain the desk or other surface. In addition, dirt stuck on this product may prevent it from functioning properly.
- Do not shake the ink cartridge too hard. The ink cartridge may leak if you shake it around too much.
- Do not touch the green IC chip attached to the ink cartridge. Also, never peel off the labels and film attached to the ink cartridge. This could prevent you from properly setting, operating, or printing with the ink cartridge, or ink could leak out.



Do not touch
the IC chip.

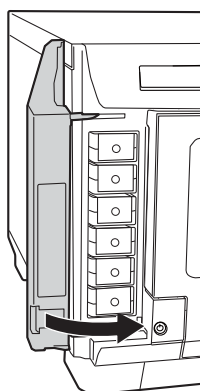
- Use up the ink cartridge before the expiration date labeled on the ink cartridge.

- 4** Use the label color to check where to set the ink cartridge, and gently push the new ink cartridge into the ink cartridge holder on this product until you hear a click.



Do not repeatedly take out and put in an ink cartridge which has been set. Ink could stain the ink cartridge or the product.

- 5** Close the ink cartridge cover.



- Do not turn off the power or open the ink cartridge cover while the power LED is flashing. These actions make the ink be charged again, which results in a noticeable consumption of ink. In addition, there is a risk that you will not be able to print properly.
- If the ink cartridges are not recognized even though they are set properly, dirt may be stuck on the green IC chip surface. Wipe it off with a soft cloth, and then set it again.
- If you cannot print even though the ink cartridges are set properly, run print head cleaning. See "Cleaning the print head" on page 155 in this guide for head cleaning procedure.
- If you turn the power off using the power button on the unit, the print head is automatically capped, which prevents the ink from drying. After installing the ink cartridges, be sure to turn the power off using the power button on the unit when you are not using the product. Do not pull out the power plug or trip the breaker while the power is on.
- If you move or transport this product after you have installed the ink cartridges, leave the ink cartridges as they are when you move or transport it.
- Do not take out the ink cartridges unless you are replacing them.

Checking the print head nozzles

If the print head nozzles are clogged, the printing may be faint even though there is ink, or unusual colors may be printed. The nozzle check prints a pattern for checking the status of the nozzles, and you can check if the nozzles are clogged by looking at this pattern.

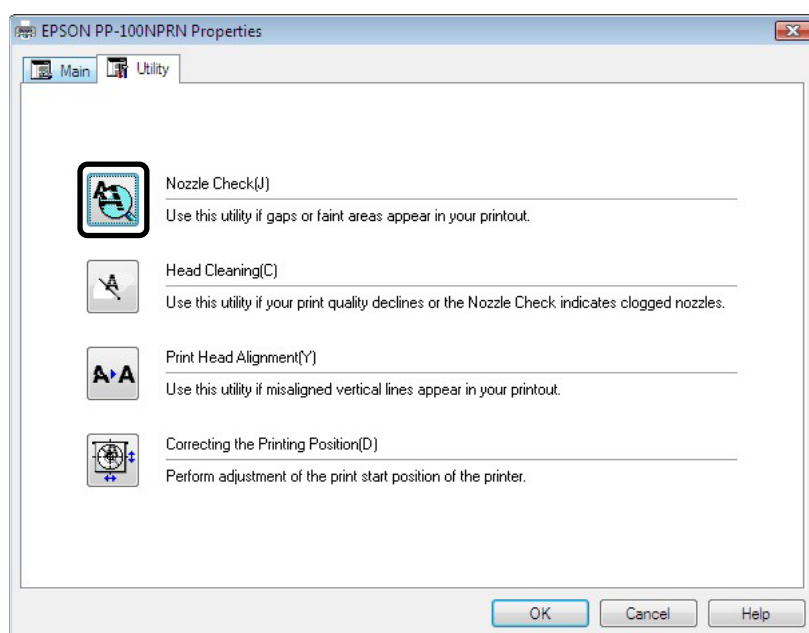
How to perform a nozzle check

There are the following two ways to run a nozzle check.

- Run it using a PC
- Run it using the control panel on the product

Running it from a PC

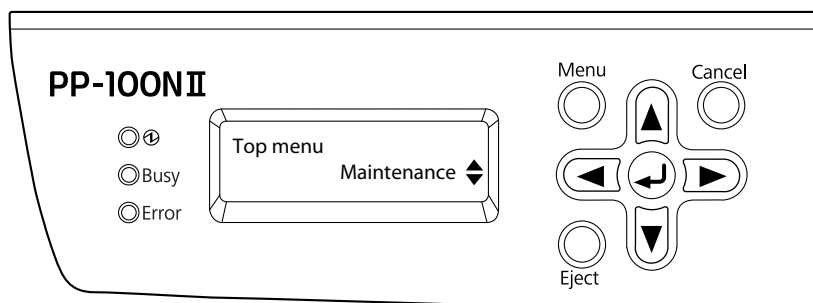
- 1 Turn the product on.
- 2 Set one unprinted disc into Stacker 1.
- 3 Display the setting screen of the printer driver.
See “Displaying the printer driver screen” on page 62 in this guide for display procedure.
- 4 Click [Nozzle Check] in the [Utility] screen.
Then, follow the on-screen instructions.



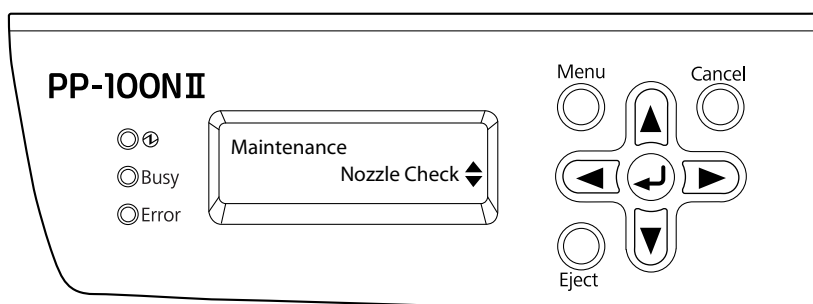
The disc on which the nozzle check pattern was printed is output to Stacker 3 or Stacker 4.
See “Checking the nozzle check results” on page 154 in this guide for how to check the nozzle check results.

Running it using the control panel on the product

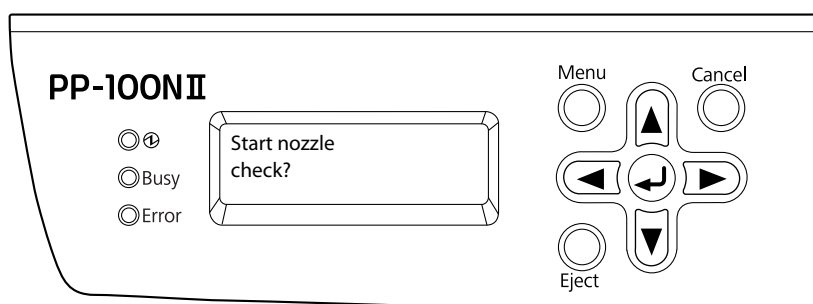
- 1 Turn on the power of this product.
- 2 Press the [MENU] button.
The top menu appears.
- 3 Use the ▲/▼ buttons to display the maintenance screen, and then press the ↩ button.



- 4 Use the ▲/▼ buttons to display [Nozzle Check], and then press the ↩ button.



- 5 When the nozzle check confirmation screen appears, press the ↩ button.



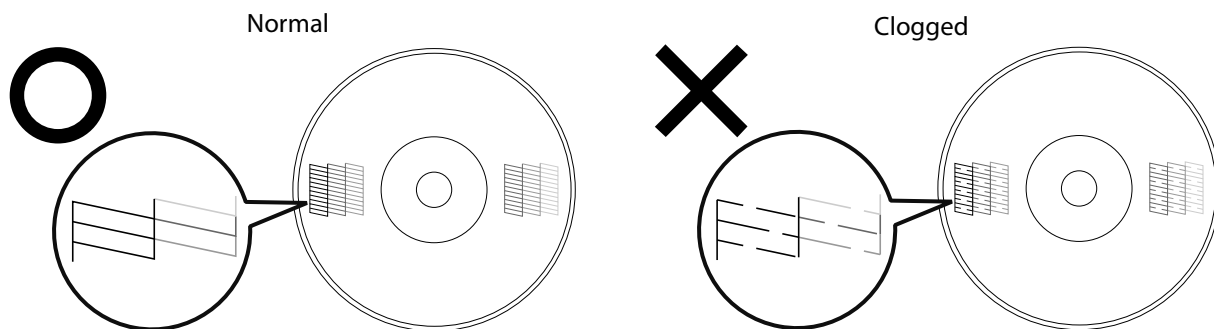
The disc on which the nozzle check pattern was printed is output to Stacker 3 or Stacker 4.
See “Checking the nozzle check results” on page 154 in this guide for how to check the nozzle check results.

Checking the nozzle check results

Look at the pattern printed during the nozzle check, and see whether or not print head cleaning is necessary.

If it is normal, all of the lines are printed as shown in the illustration on the left below.

If there are lines that were not printed, as shown in the illustration on the right below, the nozzles are clogged. Run print head cleaning. See “How to clean the print head” on page 156 in this guide for details on head cleaning.



Cleaning the print head

If the print head nozzles are clogged, the printing may be faint even though there is ink, or unusual colors may be printed. If this happens, run print head cleaning. (See “How to clean the print head” on page 156 in this guide.)

Notes

Print head cleaning consumes ink. Before running print head cleaning, you can run a nozzle check to check whether or not the nozzles are clogged. This makes it possible to prevent consuming extra ink during print head cleaning. See “Checking the print head nozzles” on page 152 in this guide for details on the nozzle check.

Normal



Clogged



Causes and Solutions for Print Head Drying

Cause	Prevention
This product has a print head cap to prevent it from drying, the same way there are caps for fountain pens or ballpoint pens. Normally, the print head is automatically capped after printing finishes, but if the power suddenly goes off while the product is running, it is not capped properly and it dries out.	<ul style="list-style-type: none"> Plug the power plug into an outlet directly attached to the wall. Do not connect it to a power strip with a switch. Be sure to turn the power on and off using the power button.
If you do not use this product for a long time, the print head may dry out and become clogged, the same way a fountain pen dries up and no longer writes if it has been left open for a long time.	We recommend that you print regularly. You can maintain the print head in optimal condition by printing regularly.
If you take the ink cartridges out and leave them out, the print head dries out.	Do not take out the ink cartridges and leave them out.

How to clean the print head

Head cleaning is a function for cleaning the surface of the print head to maintain the print quality. Run head cleaning if the printing becomes faint or gaps appear in the printing.

There are the following two ways to run head cleaning.

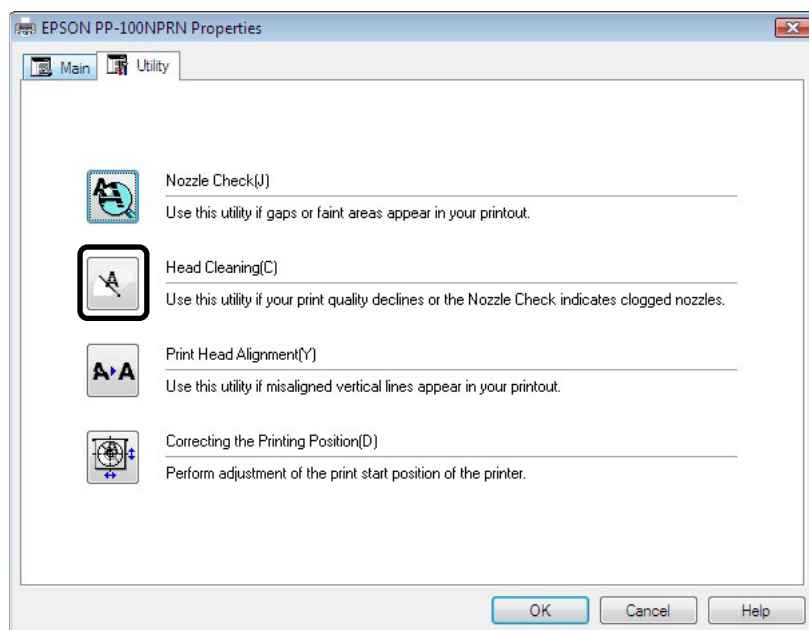
- Running it from a PC
- Running it using the control panel on the product



- Do not open the ink cartridge cover while cleaning the print head. Print head cleaning stops if the cover is opened.
- Print head cleaning consumes ink. Note that if you run head cleaning more than necessary, the lifetime of the ink cartridges is reduced.
- If there is a job being published, head cleaning starts after processing of the job is finished.

Running it from a PC

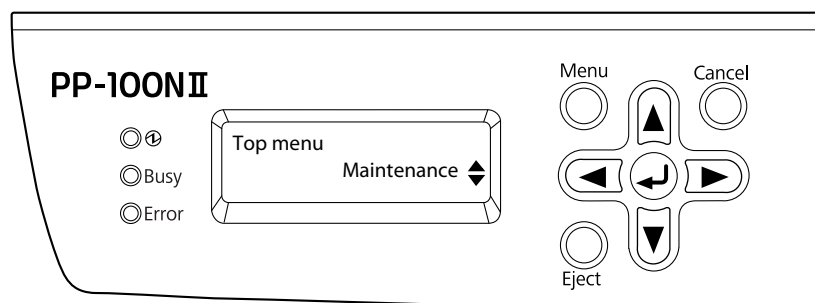
- 1 Display the printer driver setup screen.
See “Displaying the printer driver screen” on page 62 in this guide for details on how to display the printer driver screen.
- 2 Click [Head Cleaning] in the [Utility] screen.
Then, follow the on-screen instructions.



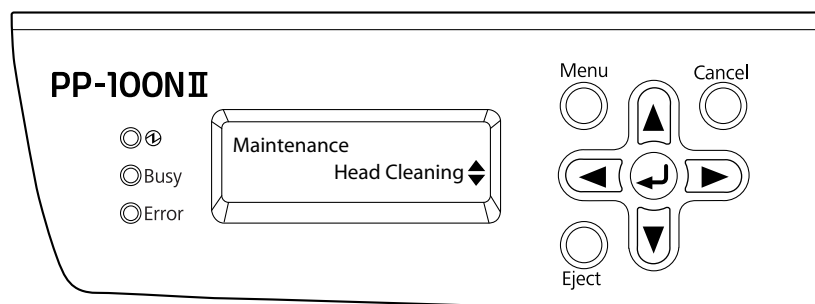
The BUSY LED flashes, and head cleaning starts.
When head cleaning is finished, the BUSY LED goes off.

Running it using the control panel on the product

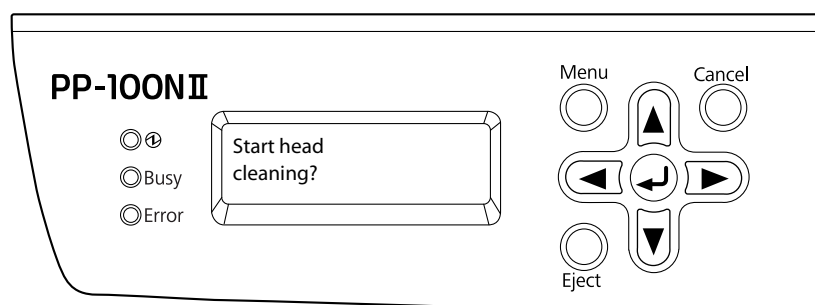
- 1 Turn the product on.
- 2 Press the [MENU] button.
The top menu appears.
- 3 Use the ▲/▼ buttons to display the maintenance screen, and then press the ↩ button.



- 4 Use the ▲/▼ buttons to display [Head Cleaning], and then press the ↩ button.



- 5 When the head cleaning confirmation screen appears, press the ↩ button.

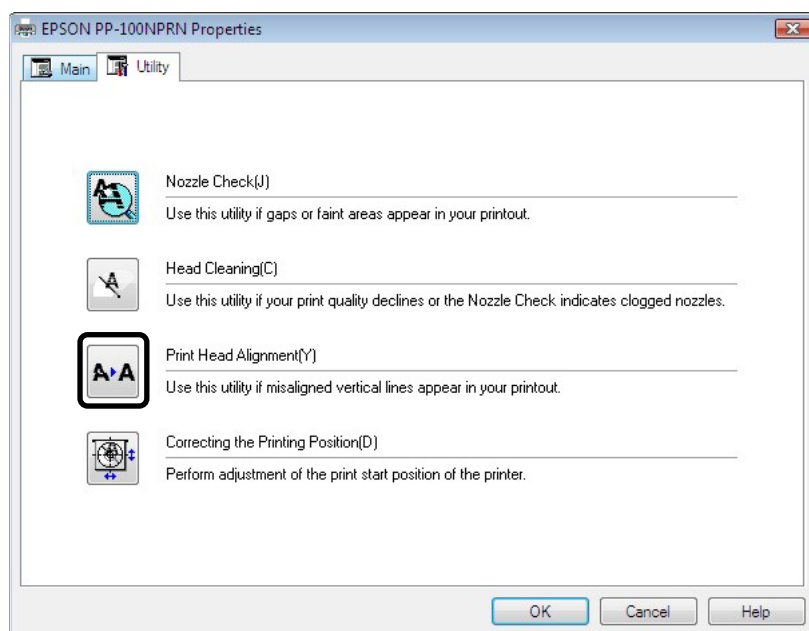


The BUSY LED flashes, and head cleaning starts.
When head cleaning is finished, the BUSY LED goes off.

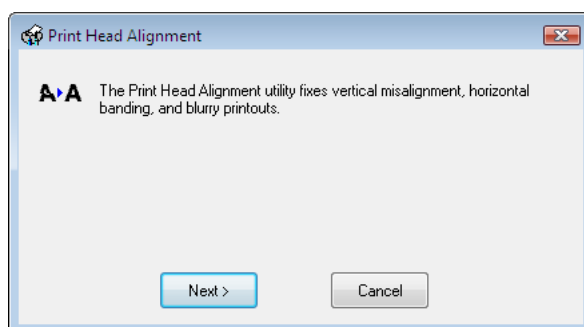
Print head alignment

If the print position when the print head moves from right to left is not aligned with the print position when the print head moves from left to right, gaps may appear in vertical lines, and the print results may become blurry. If this happens, run print head alignment.

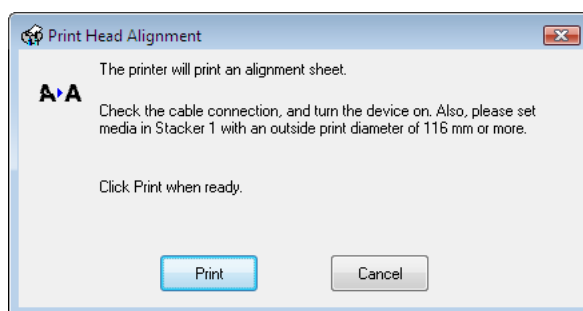
- 1 Turn the product on.
- 2 Set one unprinted disc into Stacker 1.
- 3 Display the printer driver setup screen.
See “Displaying the printer driver screen” on page 62 in this guide for how to display the printer driver screen.
- 4 Click [Print Head Alignment] in the [Utility] screen.



- 5 Click the [Next] button.



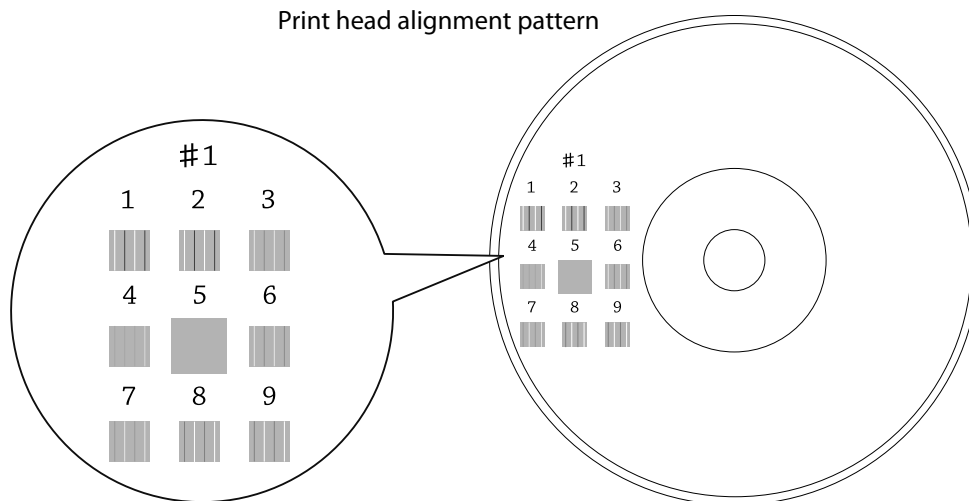
6 Click the [Print] button.



The disc on which the print head alignment pattern was printed is output to Stacker 3 or Stacker 4.

7 Check the printed print head alignment pattern.

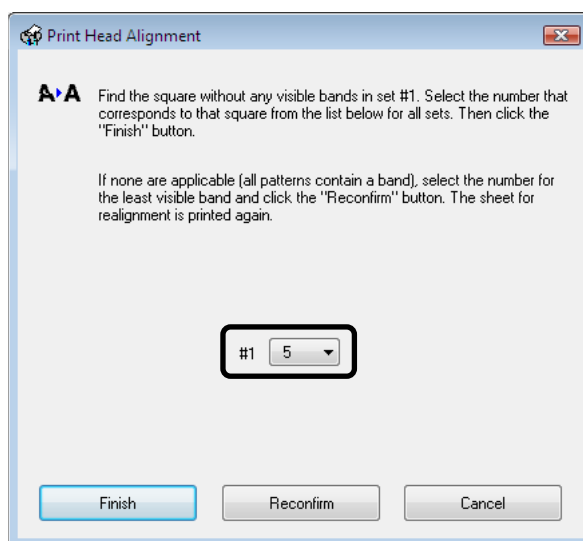
Print head alignment pattern



8 Select the number of the pattern with the fewest vertical lines.

In the illustration above, the pattern with the fewest vertical lines is "5", so select "5."

If you want to print the print head alignment pattern again, to check it, set a disc in Stacker 1, and click the [Reconfirm] button.

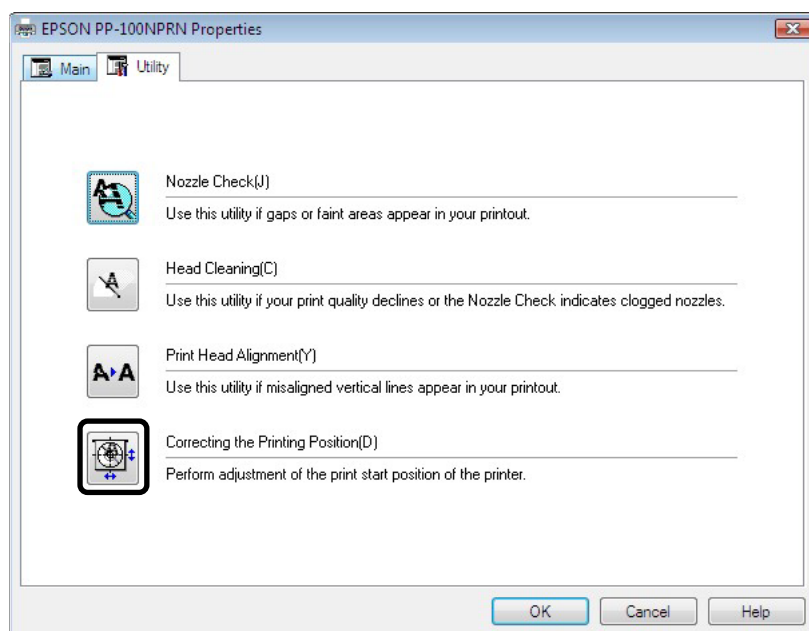


9 Click [Finish].

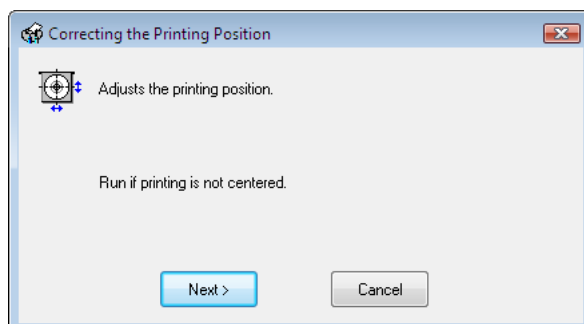
Correcting the printing position

Adjust the printing position if it has shifted towards the top, bottom, left, or right.

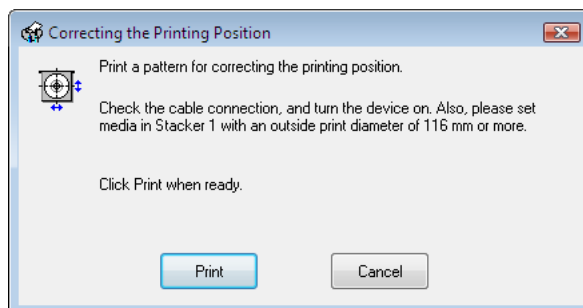
- 1 Turn the product on.
- 2 Set one unprinted disc into Stacker 1.
- 3 Display the printer driver setup screen.
See “Displaying the printer driver screen” on page 62 in this guide for how to display the printer driver screen.
- 4 Click [Correcting the Printing Position] in the [Utility] screen.



- 5 Click [Next].



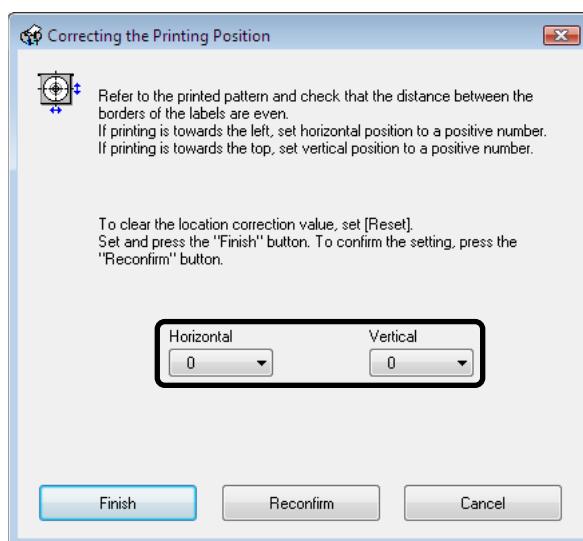
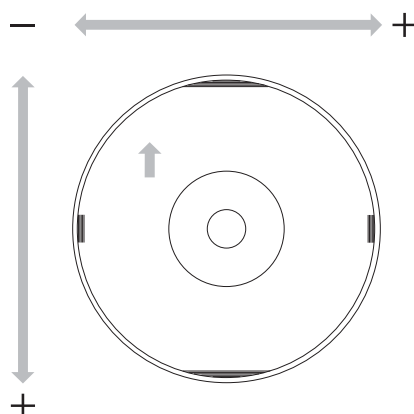
6 Click the [Print] button.



The disc on which there are five lines printed on the top, bottom, left and right respectively as well as one blue upward-pointing arrow is output to Stacker 3 or Stacker 4.

7 Click [Finish] if the lines on the top, bottom, left and right are evenly printed on the label surface. If they are not printed evenly, adjust the alignment in one of the following ways.

- If the printing has shifted to the left: Select a positive correction value in [Horizontal].
- If the printing has shifted to the right: Select a negative correction value in [Horizontal].
- If the printing has shifted to the top: Select a positive correction value in [Vertical].
- If the printing has shifted to the bottom: Select a negative correction value in [Vertical].



8 Set one unprinted disc into Stacker 1, and click [Reconfirm].

After this, repeat Steps 6 through 8 until the lines are printed evenly on the disc on the top, bottom, left, and right.

9 Click [Finish].



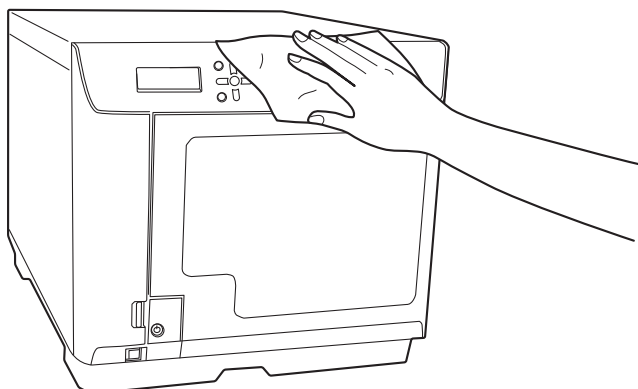
- If you reconfirm and enter a correction value after the first adjustment, the printing position is corrected using a correction value combined with the adjusted value from the first time. If you want to clear the printing position correction value, select [Reset], and then click [Finish].
- If you adjust the printing position using the steps above and the label application is still not centered on the disc, the printing appears to have shifted with respect to the label application.

Periodic cleaning

Roughly once a month, turn the product off and perform the cleaning described below.

Cleaning the exterior

- 1 Turn the product off.
- 2 When the power LED is off, unplug the power plug from the outlet.
- 3 Use a soft cloth to wipe off the dust and dirt.
When the exterior is very dirty, soak a soft cloth in water with a small amount of mild detergent, wring it out, and then wipe off the dirt. Finally, wipe off the moisture using a soft, dry cloth.



- Wipe with the cover closed so that moisture does not enter the inside of the product. If the inside becomes wet, there is a risk that the electrical circuits will short out.
- Do not use benzine, paint thinner, alcohol, or other volatile chemicals. There is a risk that the inside or outside of the product may change properties or shape.
- Do not use a stiff brush. There is a risk of scratching the exterior of the product.

- 4 Plug the power plug into the outlet, and turn the power on.

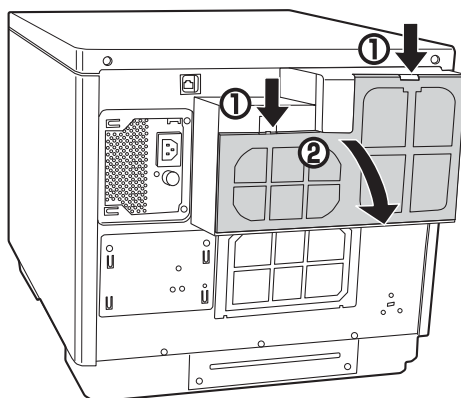
Cleaning the interior

If dirt or dust collects in the inside of this product or the stackers, or if dirt adheres to it, use a soft cloth to wipe off the dirt.

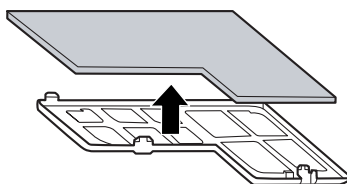
Ink may sometimes stain stackers. Remove the stains by soaking a soft cloth in water or mild detergent, wringing it out, and then wiping them off.

Cleaning the air vents

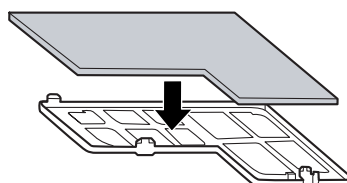
- 1** Press the power button to turn off the power.
- 2** When the power LED is off, unplug the power plug from the outlet.
- 3** Open the filter cover.
If dust is not attached to the filter, proceed to Step 7.



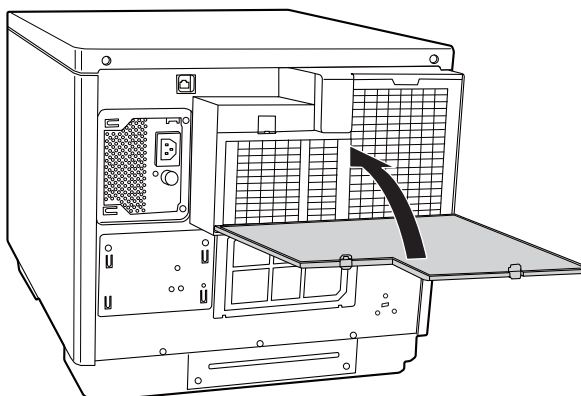
- 4** Take the filter off the filter cover.



- 5** Use a vacuum cleaner to clean the dust off the filter.
- 6** Put the filter back on the filter cover.



- 7** Close the filter cover.



- 8** Plug the power plug into the outlet, and turn the power on.



Clean the air vents once a month.

Replacing the ink pad

The ink pad is a part that absorbs waste ink ejected during head cleaning or printing. When it becomes time to replace the ink pad, publishing becomes no longer possible.

How to check when it is time to replace the ink pad

You can replace the ink pad in one of the following two ways.

- In EPSON Total Disc Monitor, a message says “It is almost time to replace the ink pad. Early replacement is recommended. For information on replacement, please contact customer support.” The message is displayed once per day when EPSON Total Disc Monitor starts up. See “EPSON Total Disc Monitor” on page 50 in this guide for EPSON Total Disc Monitor.
- A message notifying you that it is almost time to replace the ink pad is displayed on the LCD.

When it is time to replace the ink pad, disc publishing stops, and a message notifying you that it is time to replace the ink pad is displayed on the LCD. The ink pad cannot be replaced by the customer. Please contact Customer Support.

Notes

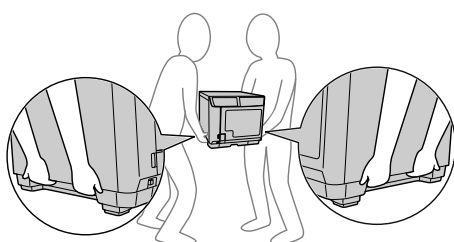
If an administrator has set notification email transmission, an email is sent to notify each administrator that the ink pad needs to be replaced soon or the ink pad needs to be replaced.

Precautions for Transporting Your Product

When transporting your product, be sure to use the original box and protective materials to protect it from an impact or the like. See the *PP-100NII Setup Guide* for details on the handling of protective materials.



- Make sure that no discs remain inside the product.
- Never remove an ink cartridge currently in use. The print head may dry out, and printing may become no longer possible.
- When attaching protective materials or transporting the product, do not tilt the product or turn it upside down. Make sure that it is oriented horizontally.
- Be sure that the product is lifted by two people.



The weight of this product is approximately 26 kg. When this product is lifted, it should be lifted on both sides by two people holding the recesses on the sides as shown in the illustration on the left. Holding any part other than the ones indicated in the illustration on the left when carrying the product may result in damage to the product. In particular, carrying the product while the disc cover, ink cartridge cover, or Stacker 4 is open may result in the

product being dropped, or deformed and damaged.

Furthermore, when putting down this product, take care not to trap a finger between the product and installation surface.

- When lifting this product, make sure that, for example, you sufficiently bend your knees, and your posture is such that excessive stress is not placed on your body.
An unnatural posture when lifting the product may result in an injury, or the product being damaged.
- When moving the product, do not tilt it 10 or more degrees in a forward or backward direction, or a side direction.
The dropping or the like of the product may result in an accident.
- Do not place a heavy object on the top of the product.
Subjecting this product to excessive force may result in a malfunction.
However, it is possible to place one unit of this product on top of another. In such a case, make sure the tops and bottoms are oriented the same, and the exterior of the units are aligned. At the same time, take sufficient care to prevent a unit from dropping or falling. Also, do not place more than one unit on top of another.

- 1** Press the power button to turn off the power.
- 2** When the power LED goes out, disconnect the power cord and Ethernet cable.
- 3** Attach protective materials to the arm, and secure them with tape.
- 4** Attach Stacker 1, Stacker 2, and Stacker 3, and secure them with tape.
- 5** Open the ink cartridge cover, and secure the ink cartridges with tape.
- 6** Close the ink cartridge cover, disc cover, and Stacker 4, and secure them with tape.
- 7** With the bottom of the product facing downwards, place the product into the packing box so that it is oriented horizontally.

Troubleshooting

Notes



Refer to this information together with the Help file for EPSON Total Disc Monitor and the information available on the Epson website.

Error messages and remedies



When a problem occurs with this product, the ERROR LED turns on or flashes, and an error message appears on the LCD. Check the message, and perform the proper remedy.




The alarm tone sounds.


Error Message	Remedy	Notification Sound
Arm move error	<p>The arm cannot be moved.</p> <p>Perform the procedure below.</p> <ol style="list-style-type: none"> 1. Turn off the power. 2. Open the disc cover, and remove any dust or foreign objects that are inside. 3. Turn on the power. <p>If the same error message still appears, repair is required. Please contact Customer Support.</p>	
Cannot unlock disc cover	<p>Press the  or Cancel button, and perform the unlock operation of the disc cover again. Open the disc cover after "Disc cover can be opened" appears on the LCD. See "Unlocking the disc cover" on page 19 in this guide for the disc cover unlocking procedure.</p>	
CMOS checksum error	<p>If the same error message appears repeatedly, repair is required. Please contact Customer Support. Also, in some cases, the product's internal clock may not be operating correctly. Please ask the administrator for the proper remedy.</p>	
Disc cover open	Close the disc cover.	
	<p>This product is currently operating.</p> <p>Close the disc cover.</p> <ul style="list-style-type: none"> Do not open the disc cover while a job is being processed (while the BUSY LED flashes). This could adversely affect the writing or printing quality. To ensure safety during arm operation, never insert your hands. Do not operate any stackers while the arm is moving. This could damage the arm. 	

Error Message	Remedy	Notification Sound
Disc drop error	The arm dropped the disc while transferring it. Remove the dropped disc, turn off the power, and then turn on the power again.	
Disc feed error DRV1/2	The disc was not transferred properly to the drive. Perform the procedure below. 1. Remove the discs from the drive tray. 2. Fully separate and reload the discs in the input stacker. 3. Close the disc cover.	
Disc feed error PRN	The disc was not transferred properly to the printer. Perform the procedure below. 1. Remove the discs from the printer tray. 2. Fully separate and reload the discs in the input stacker. 3. Close the disc cover.	
Disc is not writable	Processing of the job is paused. Perform the procedure below. 1. Open the disc cover. 2. Remove the disc that cannot be written or the disc that is already written from the input stacker (Stacker 1 or Stacker 2). 3. Load a disc that can be written. (See "Writable disc types" on page 77 in this guide.) 4. Close the disc cover. Processing of the job is automatically resumed.	
Disc is wrong type	Processing of the job is paused. Perform the procedure below. 1. Open the disc cover. 2. Remove the disc from the input stacker (Stacker 1 or Stacker 2) that is a different type from the disc type that was set. 3. Load the correct disc type. (See "Loading discs" on page 88 in this guide for the disc type setting.) 4. Close the disc cover. Processing of the job is automatically restarted.	
Disc pickup error (DRV1/2)	The arm cannot pick up the disc in the drive tray. Turn off the power, and then turn it on again. If the same error message still appears, repair is required. Please contact Customer Support.	
Disc pickup error (PRN)	The disc in the printer tray cannot be picked up. Turn off the power, and then turn it on again. If the same error message still appears, repair is required. Please contact Customer Support.	

Error Message	Remedy	Notification Sound
Disc pickup error (ST1/2)	The arm cannot pick up the disc in the stacker. If the indicated stacker is an input stacker, fully separate and reload the discs in the stacker.	
Disc release error	The arm cannot release the disc. Do not remove the disc by hand. This could damage the arm. Turn off the power of the product, and then turn it on again. During the initialization operation of the product, the arm releases the disc. If the same error message still appears, repair is required. Please contact Customer Support.	
Discs ejected from ST2?	Perform the procedure below. 1. Remove the published discs from Stacker 2. 2. Refill the discs if necessary. 3. Press the  button. Note: In Batch Mode, if Stacker 2 is removed during publishing progress, it is always recognized as the input stacker when loaded again.	
Drive tray open/close error	-When the drive tray does not come out- Turn off the power, and then turn it on again. If the drive trays still does not come out, see “Drive tray does not come out” in PP-100NII Administrator’s Guide. If the same error message appears again, repair is required. Please contact Epson Information Center. -When the drive tray does not close- Remove any remaining discs, turn off the power, and then turn on the power again. If the same error message still appears, repair is required. Please contact Epson Information Center.	
Fan control error	Turn off the power, and then turn it on again. If the same error message still appears, repair is required. Please contact Customer Support.	
Ink cartridge cover open	Close the ink cartridge cover.	
	This product is currently operating. Close the ink cartridge cover.	
Ink problem (C,LC,LM,M,Y,K)	An invalid ink cartridge is installed. Replace the cartridge of the displayed color. (See “Changing the ink cartridge” on page 148 in this guide.)	

Error Message	Remedy	Notification Sound
Internal autoloader error	<p>Perform the procedure below.</p> <ol style="list-style-type: none"> 1. Turn off the power. 2. Open the disc cover, and check if any dust or foreign objects are inside. 3. Turn on the power. <p>If the same error message still appears, repair is required. Please contact Customer Support.</p>	
Internal drive error (DR1/2)	<p>Turn off the power, and then turn it on again. If the same error message still appears, repair is required. Please contact Customer Support.</p>	
Internal printer error	<p>Turn off the power, and then turn it on again. If the same error message still appears, repair is required. Please contact Customer Support.</p>	
Invalid state error	<p>Turn off the power, and then turn it on again. If the same error message still appears, repair is required. Please contact Customer Support.</p>	
No disc ST1,ST2	<p>Load discs into the input stacker (Stacker 1 or Stacker 2).</p>	
No ink cartridge (C,LC,LM,M,Y,K)	<p>The ink cartridge of the displayed color is not installed, or is not installed correctly.</p> <p>Correctly install the cartridge of the displayed color. (See "Changing the ink cartridge" on page 148 in this guide.)</p>	
No stacker ST1,ST2,ST3	<p>Load the displayed stacker, and close the disc cover. (See "Handling stackers" on page 21 in this guide.)</p>	

Error Message	Remedy	Notification Sound
Non-standard ink Continue?	<p>To use the ink cartridge, press the  button (Yes). To change to a Epson brand ink cartridge, press the CANCEL button (No), and change the ink cartridge.</p> <p>Use of non-Epson brand ink cartridges is not recommended.</p> <ul style="list-style-type: none"> • Use of non-Epson brand ink cartridges can result in problems that will not be covered by the warranty. • Epson cannot guarantee the quality and reliability of non-Epson brand products. Repairs for any damage or breakdown of this product due to the use of non-Epson brand products will not be free of charge even if the warranty period is still valid. • This product performs color adjustment based on use of Epson brand ink cartridges. Use of non-Epson brand ink products can adversely affect the printing quality and prevent the product from realizing its maximum performance. <p>See "Changing the ink cartridge" on page 148 in this guide for the ink cartridge changing procedure.</p>	
Print tray open/close error	<p>-When the printer tray does not come out- See "Printer Tray Does Not Come Out" in the <i>PP-100NII Administrator's Guide</i>.</p> <p>-When the printer tray does not close- Remove any remaining discs, turn off the power, and then turn on the power again.</p> <p>If the same error message still appears, repair is required. Please contact Customer Support.</p>	
Printer maint. error	<p>Repair is required. Please contact Customer Support.</p>	
Replace ink (C,LC,LM,M,Y,K)	<p>The ink in the cartridge is out. Replace the cartridge of the displayed color. (See "Changing the ink cartridge" on page 148 in this guide.)</p>	
Replace inkpad	<p>It is time to replace the ink pad. Please contact Customer Support. The ink pad cannot be replaced by the customer.</p>	
Stacker 3 installed	<p>Remove Stacker 3, and close the disc cover. Stacker 3 is not used in Standard Mode or External Output Mode (when Stacker 4 is set as the output stacker).</p>	
Stacker 3 not installed	<p>Load Stacker 3, and close the disc cover. Stacker 3 is used in Batch Mode or External Output Mode (when Stacker 3 is set as the output stacker).</p>	

Error Message	Remedy	Notification Sound
Stacker 4 full	The initialization operation cannot be performed because Stacker 4 is full. Remove the discs from Stacker 4.	
Stacker 4 open	Close Stacker 4.	
Stacker full ST2,ST3,ST4	The disc cannot be ejected because the output stacker is full. Remove the discs from the output stacker (Stacker 2, Stacker 3, or Stacker 4).	
Too many discs ST1,ST2,ST3	Remove excess discs so that the height of the discs in the indicated stacker is below the dotted red line of the stacker, and then close the disc cover.	
Transferred disc detection error	A disc could not be detected after transfer to a printer or drive. Turn off the power, and then turn it on again. If the same error message still appears, repair is required. Please contact Customer Support.	
Wait a moment and try again	Press the  button or CANCEL button. Do not unlock the disc cover repeatedly within a short time. Wait a moment before unlocking.	
Write error	Processing of the job is paused. See “Disc writing problems” on page 177 in this guide, and after removing the cause of the error, restart the job. (See “Resuming jobs” on page 115 in this guide for the job restarting procedure.)	

Problems and their remedies

Power/control panel problems

Symptom/Problem Status	Check/Remedy Procedure
The power does not turn on.	Hold down the power button for a moment.
	Is the power plug disconnected from the outlet? Check if the plug is inserted only half-way or inserted at a slant.
	Are you using a power strip or similar device? Insert the power plug directly into the wall outlet.
	Is power being supplied from the outlet? Insert the power cable plug for another electronic product to check if power is being supplied.
The power does not turn off.	Is a job being processed? The power cannot be turned off while a job is being processed. The power turns off automatically when the processing of all jobs finishes. If you hold down the power button for a moment (at least 3 seconds), the power off process begins immediately. The jobs are cancelled.
	Did you just turn on the power? The power cannot be turned off for about 15 minutes once the power is turned on. The power turns off automatically 15 minutes after "Power off Please wait" appears on the LCD. If you hold down the power button for a moment (at least 3 seconds), the power off process begins immediately.
	Are the power LED and ERROR LED flashing? If the power LED and ERROR LED are flashing, hold down the power button for a moment (at least 3 seconds). If the power still does not turn off, unplug the power cable from the outlet. Then, turn on the power again, and be sure to use the power button to turn off the power. Leaving the power on can cause drying and clogging of the print head.
A rattling sound is made when the power is turned on.	Is there a foreign object (such as blue protective tape for transporting) inside the product? Press the power button to turn off the power, and then open the disc cover and check that there are no foreign objects inside.
"EPSON PP- 100NII" remains displayed and the product does not work when the power is turned on.	Repair is required. Please contact Epson Information Center.

Symptom/Problem Status	Check/Remedy Procedure
ERROR LED flashes/turns on.	An error has occurred. See "Error messages and remedies" on page 169 in this guide.

Disc writing problems

Symptom/ Problem Status	Check/Remedy Procedure
A writing error has occurred.	Is the disc scratched or dirty? Scratched or dirty discs cannot be used. Replace with another disc.
	The quality of the data recording surface may vary depending on the disc. Replace with another disc and try again.
	Is there dust adhering to the filter of the product rear fan? Clean the filter. See "Cleaning the air vents" on page 164 in this guide for the fan filter cleaning procedure.
Unable to write to disc	Is the disc being handled correctly? <ul style="list-style-type: none"> • Handle the disc correctly by following the disc user's guide. • Do not affix adhesive stickers to the disc. This may make recording and playback of data no longer possible. • Do not use this product in locations with large amounts of dust or smoke. This can cause drive writing errors. See "Handling discs" on page 79 in this guide for details on disc handling.
	Was the cover opened or the product jolted during publishing? Do not subject the product to jolts or impacts during disc publishing. The drive may malfunction, or the disc may become unusable. Also, do not open the cover during publishing. This could adversely affect the printing and writing quality of the disc. Before opening the cover, pause the job in EPSON Total Disc Maker. See "Pausing jobs" on page 114 in this guide for the procedure for pausing jobs.
	Is your computer compatible with the operating environment of this product? Use and connect this product to a computer compatible with the operating environment. See "Before installation" on page 24 in this guide for details.
	Is the printer tray dirty? Clean the printer tray. See "Ink Is Smeared on the Disc Recording Surface" in the <i>PP-100NII Administrator's Guide</i> for the printer tray cleaning procedure.
Notes	In disc publishing in EPSON Total Disc Maker, [Compare] can be set under [Write Verification]. See the Help file for EPSON Total Disc Maker for details.

Label printing problems

Symptom/Problem Status	Check/Remedy Procedure
<ul style="list-style-type: none"> • Rubbing • Lines or streaks are formed • Blurriness • Text or lines are shaky • Incorrect color tones • Some colors are not printed • Unevenness in the printing • Mosaic-like patterns are printed • Printing is grainy (jagged) 	<p>Are the print head nozzles clogged?</p> <p>Perform a nozzle check to confirm the status of the print head, and if it is clogged, perform head cleaning.</p> <p>See the information below for details.</p> <ul style="list-style-type: none"> • This guide "Print head alignment" on page 158 • This guide "Cleaning the print head" on page 155
	<p>Are you using a recommended ink cartridge (Epson brand product)?</p> <p>This product performs color adjustment based on use of Epson brand ink cartridges. Use of non-Epson brand products can result in poor printing quality. Use of Epson brand ink cartridges is recommended.</p>
	<p>Are you using an old ink cartridge?</p> <p>Use of an old ink cartridge can result in poor printing quality. The usage period for ink cartridges is printed on the packaging of individual ink cartridges. After opening the cartridge, try to use it up within six months.</p>
	<p>Is there a difference in the print head gaps during bidirectional printing?</p> <p>When bidirectional printing is set, printing is performed at a high speed, and ink is discharged as the print head moves to both the left and right. On rare occasions, however, the printing position when moving from right to left is shifted from the printing position when moving from left to right, leading to shifting of the vertical rule lines and blurred printing results. Use the print head alignment function to check and adjust for differences in the gap.</p> <p>See "Print head alignment" on page 158 in this guide for details.</p>
	<p>Are you using discs with different thicknesses?</p> <p>The thickness varies depending on the disc product. When discs with different thicknesses are used, the gaps of the print head can be shifted. Use the print head alignment function to check and adjust for differences in the gap. When publishing multiple discs, the use of the same disc product type is recommended.</p> <p>See "Print head alignment" on page 158 in this guide for details.</p>
	<p>Are you printing on inkjet printer discs?</p> <p>The product supports discs for inkjet printers. Also, the printing quality may vary depending on the quality of the printing discs. Use of Epson-specified discs is recommended.</p> <p>Epson offers specified CD-R and DVD-R discs for all your printing needs.</p>

Symptom/Problem Status	Check/Remedy Procedure
<ul style="list-style-type: none"> • Rubbing • Lines or streaks are formed • Blurriness • Text or lines are shaky • Incorrect color tones • Some colors are not printed • Unevenness in the printing • Mosaic-like patterns are printed • Printing is grainy (jagged) 	<p>Is there dirt on the disc?</p> <p>Gently wipe off any dust or dirt adhering to the label side using a soft cloth or commercial CD cleaner. Do not use benzene, thinner, or antistatic agents.</p> <p>See "Handling discs" on page 79 in this guide for details.</p>
	<p>Is the printing surface fully dry?</p> <p>Do not let other discs get in contact with the printing surface until the ink on the published disc is dry. Otherwise, marks can be left where contact is made.</p>
	<p>Is the ink drying time set too short?</p> <p>The ink drying time is the time after label printing is completed until the disc ink is dried in the printer tray. Set a longer ink drying time.</p> <p>See "Setting up the printer driver" on page 65 in this guide for details.</p>
	<p>Are you comparing the display on the computer to the printing results?</p> <p>The colors shown on the display and the results printed by the printer use different coloring methods, and this produces differences in color tones.</p>
Unable to print correctly in the print area of the disc.	<p>Set the inside diameter and outside diameter of the print area so that they match the print area of the disc to be printed.</p> <p>See "Printable area" on page 81 in this guide for details. See "Changing the print area" on page 82 in this guide for the inside diameter and outside diameter setting procedure.</p>
Printing position is shifted.	<p>Correct the printing position if it is shifted.</p> <p>See "Correcting the printing position" on page 160 in this guide for details.</p>
The disc recording surface is stained with ink.	<p>Is the ink drying time set too short?</p> <p>The ink drying time is the time after label printing is completed until the disc ink is dried in the printer tray. Set a longer ink drying time. See "Setting up the printer driver" on page 65 in this guide for details.</p>
	<p>Is the printer tray dirty?</p> <p>When the disc recording surface is stained by ink, the printer tray may be dirty. Clean the printer tray.</p> <p>See "Ink Is Smeared on the Disc Recording Surface" in the <i>PP-100NII Administrator's Guide</i> for the printer tray cleaning procedure.</p>
<ul style="list-style-type: none"> • After printing, the label surface ink is sticky or peels off • Discs stick together 	<p>Was printing performed outside the recommended print area?</p> <p>If printing is performed outside the recommended print area, after printing, the label surface ink is sticky or peels off, or discs stick to each other.</p> <p>See "Printable area" on page 81 in this guide for details.</p>

Password problems

Symptom/Problem Status	Check/Remedy Procedure
User name or password cannot be used.	Were the user name or password entered incorrectly? Enter the correct user name and password. These entries are case sensitive.
You forgot the password	Please ask the administrator to change the password.

Other problems

Symptom/Problem Status	Check/Remedy Procedure
Cannot install software	Is there enough available HDD space? The software cannot be installed unless there is at least 10 GB of available HDD space. Check the amount of available HDD space, and if there is not enough space, increase the amount of available space. Available HDD space needs to be enough to enable the software to run normally. See "Software operating requirements" on page 25 in this guide.
	Are you logged on to Windows with a "computer administrator" account (user with administrator privileges)? When installing the software, log on as a user with administrator privileges (belonging to the administrator group). The software cannot be installed if you log on with user privileges. You may be asked for an administrator password or confirmation. When asked for a password, enter the password to proceed with operation.
	To downgrade to an older version of EPSON Total Disc Maker, uninstall the current version before installing an older version.
The EPSON Total Disc Net Administrator login screen is not displayed.	Is the power of the product turned off? Turn on the power of the product.
	Is the product connected to the network correctly? Check that this product and the client computer are connected correctly to the network.
	Is the correct address entered? Confirm that the correct IP address, host name, or FQDN for this product has been entered in the browser's address bar.

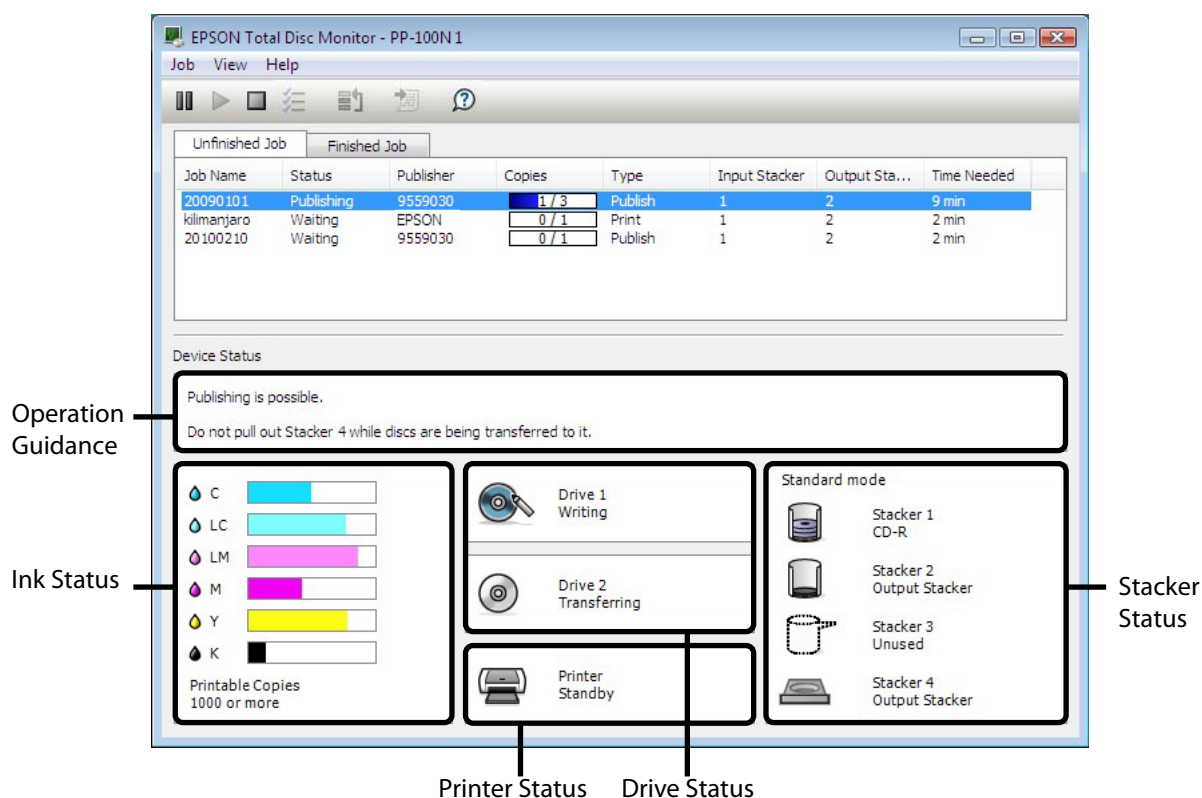
Symptom/Problem Status	Check/Remedy Procedure
The drive cannot be used.	<p>Is use of the drive stopped?</p> <p>When a write error occurs based on a preset retry write count, use of the drive is automatically stopped, and [Drive operation paused DRV 1/2] is displayed on the LCD. Setting Output Devices in the <i>PP-100NII Administrator's Guide</i> for the drive use restarting procedure.</p>
Head cleaning does not work.	<p>Has an error occurred in the product?</p> <p>If an error has occurred, clear the error.</p>
	<p>Is there enough ink?</p> <p>Head cleaning cannot be performed unless there is enough ink. Replace with a new ink cartridge.</p> <p>See "Changing the ink cartridge" on page 148 in this guide for the ink cartridge changing procedure.</p>
The printing speed slowed down during continuous printing.	<p>When printing is performed for an extended period of time, disc transfer and printing may be stopped temporarily. This is for slowing the printing speed to prevent overheating and damage to the product.</p> <p>Although printing can be continued when this occurs, it is recommended that you stop product operation and leave it with the power on for about 30 minutes. (The product will recover after about 3 hours with the power off.)</p>
Cannot publish discs.	See "When discs cannot be published" on page 184 in this guide.




Checking with EPSON Total Disc Monitor




EPSON Total Disc Monitor is a utility that enables checking of the status of this product (PP-100NII) and the remedy procedures for errors.

See “Starting EPSON Total Disc Monitor” on page 50 in this guide for EPSON Total Disc Monitor start procedure.

EPSON Total Disc Monitor can also be automatically started by clicking [Publish] in EPSON Total Disc Maker.



Operation Guidance	<p>This displays the status of this product (PP-100NII) and error descriptions and messages.</p> <p>Check the product (PP-100NII) by referring to the displayed remedy procedure.</p>
Ink Status	<p>This displays the remaining ink level.</p> <p>The ink level is low when  is displayed. Obtain a replacement ink cartridge.</p> <p>The ink should be replaced when  is displayed. Replace with a new ink cartridge.</p> <p>See “How to perform a nozzle check” on page 152 in this guide for the ink cartridge changing procedure.</p> <p>The number of printable labels is an estimated value of how many more the same labels as the labels printed before can be printed. This value may differ slightly from the actual value due to factors such as the printing data and printing environment. Values of 1000 or more are displayed as “1000 or more,” and quantities fewer than 1000 discs are displayed in 10-disc units.</p>
Drive Status	<p>This displays the drive status.</p> <p>When  is displayed on the drive icon, check the product drive by referring to the displayed message.</p>

Printer Status	<p>This displays the printer status.</p> <p>When  is displayed on the printer icon, check the product printer by referring to the displayed message.</p>
Stacker Status	<p>This displays the stacker status.</p> <p>When  is displayed, either the number of discs in the input stacker is low, or the discs in the output stacker are nearly full.</p> <p>If the number of discs in the input stacker is low, obtain new discs.</p> <p>If the discs in the output stacker are nearly full, the ejecting of discs is recommended before publishing the next job.</p> <p>When  is displayed, check the stacker and discs by referring to the displayed message.</p>

When discs cannot be published

If the disc is not published by clicking [Publish] in the Publish view of EPSON Total Disc Maker, or if the product does not work, check the points below.

Check 1: Check of EPSON Total Disc Monitor

Is an error message displayed in EPSON Total Disc Monitor?

Check the status of this connected product in EPSON Total Disc Monitor, and perform the remedy if an error has occurred.

See the references below for details on EPSON Total Disc Monitor.

- “EPSON Total Disc Monitor” on page 50 in this guide
- Help file for EPSON Total Disc Monitor

If performing the above checks still does not fix the problem, check the items below.

Check 2: Check of the product

Is the power LED turned on?

If the power LED is not turned on, the power for the product is turned off.

Turn on the power by referring to “Power/control panel problems” on page 175 in this guide.

Is the ERROR LED flashing or turned on?

If the ERROR LED is flashing or turned on, an error has occurred in this product.

See “Checking with EPSON Total Disc Monitor” on page 182 in this guide for the error checking and remedy procedures.

If performing the above checks still does not fix the problem, check the items below.

Check 3: Check of connection between the product and computer

Is the Ethernet cable disconnected?

Check that the Ethernet cable is connected. Also, check that the Ethernet cable does not have a broken wire or is bent.

Is the Ethernet cable compatible with the computer and product specifications?

Check that the Ethernet cable being used is compatible with one of the specifications below.

- 100Base-TX
- 1000Base-T

Are the link speed and Jumbo Frame set correctly?

If the link speed and Jumbo Frame are set, check that the product settings match the client computer settings.

If performing the above checks still does not fix the problem, check the items below.

Check 4: Check of printer driver settings

Is the printer driver installed?

The following procedure is for Windows 10. The procedure to display the printer driver may differ depending on your operating system. Check the specifications for your system.

- 1** Click [Start], [Settings], [Devices], then [Printers & Scanners].
- 2** Check that this product icon (EPSON PP-100NPRN) is found in [Printers & Scanners].
If the icon is not found, the printer driver is not installed. See “Installation” on page 27 in this guide to install the printer driver.

Is the Print Manager status set to Pause?

If [Paused] is displayed for the product’s icon (EPSON PP-100NPRN), right-click the icon and click [Resume Printing].

If performing all of the above checks still does not resolve the problem, the software may not be installed correctly. Uninstall (delete) the software, and then reinstall.

See “Uninstalling the software” on page 38 in this guide for the software uninstallation procedure.

See “Installation” on page 27 in this guide for the software installation procedure.

Please contact Customer Support if this still does not resolve the problem. When making inquiries, please provide information about your operating environment (including the computer model, names and versions of software applications, and other peripheral models), name of this product, and its serial number.

Appendix

Product specifications

Basic specifications

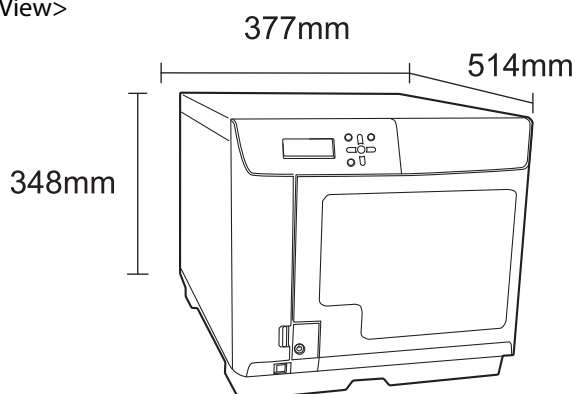
External dimensions and weight

Item	Description
External dimensions	377 mm (W) x 514 mm (D) x 348 mm (H)
Weight	Approx. 26 kg (including the stackers and ink cartridges, but not including the power cord and discs)

Notes

Since this product uses galvanized sheet metal, rusting may occur at the edges, but this will not harm the functionality of the product.

<External View>



Job processing capacity

Item		Description
Write and print	CD	30 discs per hour Conditions: When using Epson specified CD-Rs, drive speed of 40x, writing data of 600 MB, and speed/bidirectional printing
	DVD	17 discs per hour Conditions: When using Epson specified DVD-Rs, drive speed of 12x, writing data of 3.8 GB, and speed/bidirectional printing
	BD	8.5 discs/hr When using Epson specified BD-R, drive speed of 8x, writing 23.8 GB data, and speed/bidirectional printing.
Print only	Quality/Speed: [2]	60 discs per hour Condition: When bidirectional printing
	Quality/Speed: [1]	42 discs per hour Condition: When bidirectional printing

Notes

- The above processing capacities do not include the time for transferring a job via the network.
- Depending on the operating environment and discs used, the writing speed may become slower than the set speed.

Printing specifications

Item		Description
Printing method		On demand inkjet
Head	Number of nozzles	Black : 180 nozzles Cyan : 180 nozzles Magenta : 180 nozzles Yellow : 180 nozzles Light cyan : 180 nozzles Light magenta : 180 nozzles
Printing resolution		Print Mode Setting (Quality/Speed) [1]: 1,440 x 1,440 dpi* [2]: 1,440 x 720 dpi
Printing direction		Bidirectional, unidirectional

*dpi: number of dots every 25.4 mm (dots per inch)

Ink cartridge

Item		Description	
Form		Separate ink cartridge for each color	
Color		Black, cyan, magenta, yellow, light cyan, light magenta	
Recommended expiration date		Use within the expiration date labeled on the ink cartridge. Use within 6 months of opening the package.	
Temperature	When stored packaged individually	-20~40°C	Within 1 month at 40°C
	When installed in the product	-20~50°C	Within 1 month at 50°C
	When transported packaged individually	-20~60°C	Within 5 days at 60°C
Dimensions		42.0 mm (W) x 83.0 mm (D) x 26.4 mm (H)	
Ink		Dye-based ink	

Drive specifications

Item	Description	
Number of drives installed	2 drives	
Loading type	Tray	
Write speed	CD-R	40x/32x/24x/16x/10x/4x
	DVD-R	12x/8x/6x/4x/2.4x/2x
	DVD+R	12x/8x/6x/4x/2.4x/2x
	DVD-R DL	8x/6x/4x/2.4x/2x
	DVD+R DL	8x/6x/4x/2.4x/2x
	BD-R	8x/6x/4x/2x
	BD-R DL	8x/6x/4x/2x
	BD-R XL 100	6x/4x/2x
	BD-R XL 128	6x/4x/2x



- CD/DVD/BD discs created with this product's drive may not be able to be recognized, played, and read depending on the compatibility of the drive or player.
- Do not subject the product to vibration or impacts while a disc is being read or written. The drive may malfunction, or the disc may become unable to be played.
- Do not insert a flat-tip screwdriver, clip or other foreign object into the CD/DVD/BD drive. Doing so may result in a malfunction.

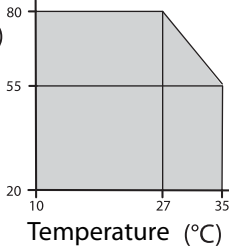
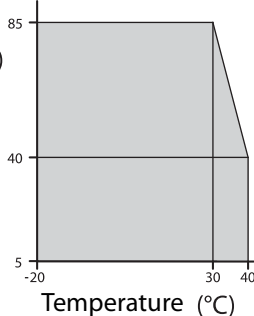
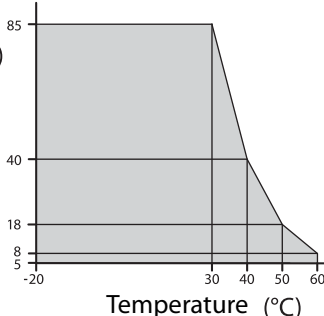
Notes

- The writing speed may be slower than the set speed depending on the discs or computer being used. (This is to ensure recording quality is maintained.)
- If you select 2.4x for DVD-R/DVD-R DL, write speed will be set to 2x.
- If you select 2x for DVD+R/DVD+R DL, write speed will be set to 2.4x.
- 8x write speed is possible only when Epson BDs specified for 8x write speed are used.
- When using BDXL, all drives must support BDXL (must be BDE-PR1EP2) and Total Disc Maker Version 9.5 or later is required.

Electrical specifications

Item		Description
Rated voltage		AC 100 to 240 V
Rated frequency		50 to 60 Hz
Rated current		1.5 A
Power consumption	Average during operation	Approx. 71 W
	Average during standby	Approx. 35 W
Power cord		power cord (supplied with product)

Environmental conditions

Item		Description	
Temperature	During operation	10 ~ 35 °C (50 to 95 °F)	
	During storage	-20 ~ 40 °C (-4 to 104 °F)	
	During transportation	-20 ~ 60 °C {-4 to 140 °F} No more than 1 month at 40 °C {104 °F}, No more than 120 hours at 60 °C {140 °F}	
Humidity	During operation	20~80 %RH	No condensation
	During storage	5~85 %RH	
	During transportation	5~85 %RH	
Operating range	Operating temperature and humidity range	<div>Humidity (%)</div>  <div>Temperature (°C)</div>	
	Storage temperature and humidity range	<div>Humidity (%)</div>  <div>Temperature (°C)</div>	
	Transporting temperature and humidity range	<div>Humidity (%)</div>  <div>Temperature (°C)</div>	
Elevation		2000 m or less	

Lifetime

Item		Description
Lifetime		5 years after purchase or until 30,000 discs* have been published, whichever is shorter.
Maintenance parts	Drive (for one unit)	Whichever is shorter from the following: <ul style="list-style-type: none"> • Opening and closing of the drive tray: 30,000 times • Write time: 1,000 hours (CD only: 500 hours, DVD only: 500 hours, BD only: 1,000 hours) • Read/write time: 2,000 hours (including comparison)

*: With bidirectional printing

Interfaces

Item	Description	
Ethernet	1	<ul style="list-style-type: none"> • 100Base-TX • 1000Base-T

Ink and Disc

Ink cartridges

You can use the following ink cartridges with this product:

Ink cartridge	Product name	
Cyan	PJIC7(C)	PJIC1(C)
Light Cyan	PJIC7(LC)	PJIC2(LC)
Light Magenta	PJIC7(LM)	PJIC3(LM)
Magenta	PJIC7(M)	PJIC4(M)
Yellow	PJIC7(Y)	PJIC5(Y)
Black	PJIC7(K)	PJIC6(K)

To purchase a Discproducer Series exclusive ink cartridge, check with the dealer where you purchased your product or access either of the following urls:

<https://www.epson.eu/> (Europe)

<https://www.epson.com/support/> (United States and Canada)

Discs

Epson offers the specified discs for all your writing and printing needs.