

Marvelio / THERMABAR series

# Windows Printer Driver Setup Guide

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http://www.tohoku.ricoh.co.jp/barcode/2007/05/31

This “Printer Driver Setup Guide” illustrates the following procedures:

- Installing a printer into Windows
- Simple test printing
- Uninstalling a printer from Windows


For how to set the paper and the ribbon to the printer, refer to “Operator’s Manual” included in the printer package.

## OS Requirement


Windows XP SP2 , Windows Server 2003 SP1, Windows 2000 SP4

## Required Items


The following items are required.



Interface cable



PC



Printer

One interface cable will be required for each interface to be used.

## Windows Administrators Authority

Note that the users need to log in with Windows administrators authorization to install/uninstall a printer.

## Printer Port

The interface to PC depends on the type of your printer. Before you install a printer, make sure that the following interfaces can be used. Also, select one of the ports listed below as you setup a port during the installation.

Interface	Printer	Port Monitor
USB	TP4030,TP4040, TP4060	Microsoft Virtual Printer Port for USB
SCSI	IP48Win,IP85Win	HOPE BT Port Monitor SCSI
Network	TP4030,TP4040, TP4060,IP6500	HOPE BT Port Monitor TCP/IP
IEEE1284	KP3000, KP4300, IP6500	Microsoft Local Port

## Before You Install...

If a printer driver of an older version is installed in your PC, uninstall it before you install the new one. When you uninstall an older version, do not forget to save the paper information you have registered.

For the procedure to uninstall an older version of the printer driver, see the next page.

## Caution for using other USB devices

There is no guarantee for use of other types of USB devices including USB Flash Drives or etc. when used together with Marvelio without causing issues. Users of Marvelio shall aware that, in rare occasions, some USB devices that are available in the market may not be able to be detected correctly by host PC where Marvelio is being connected. In this case, it may be possible to avoid such problem by connecting Marvelio via USB hub to a host PC.

## Installation

Interface	Procedure
USB	<ol style="list-style-type: none"><li>1. Connect the printer to PC with a USB cable.</li><li>2. Turn on the printer.</li><li>3. Start the installer.</li></ol>
SCSI	<ol style="list-style-type: none"><li>1. When the power of PC as well as the printer is off, connect them with a SCSI cable.</li><li>2. Turn on the printer.</li><li>3. Turn on PC.</li><li>4. Start the installer.</li></ol>
Network	<ol style="list-style-type: none"><li>1. Connect the printer to the network.</li><li>2. Turn on the printer and set an IP address.</li><li>3. Start the installer.</li></ol>
IEEE1284	<ol style="list-style-type: none"><li>1. Connect the printer to PC with an IEEE1284 cable.</li><li>2. Turn on the printer.</li><li>3. Start the installer.</li></ol>

The following installation procedure is applicable to TP4030/TP4040/TP4060 with USB interface.



Found New Hardware Wizard

Welcome to the Found New Hardware Wizard

Windows will search for current and updated software by looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). [Read our privacy policy](#)

Can Windows connect to Windows Update to search for software?

☐ Yes, this time only

☒ Yes, now and every time I connect a device

☐ No, not this time

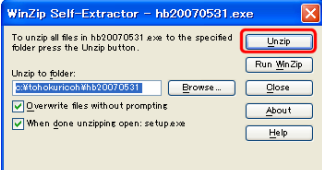
Click Next to continue.

< Back Next > Cancel



hb20070531.exe

Double click printer driver package from Setup-CD or by downloading from Tohoku Ricoh Web Site.



WinZip Self-Extractor - hb20070531.exe

To unzip all files in hb20070531.exe to the specified folder press the Unzip button.

Unzip to folder: \\tohoukuri\c\hb20070531

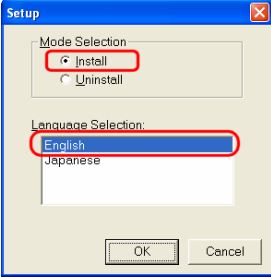
☒ Overwrite files without prompting

☒ When done unzipping open: setup.exe

Unzip Run WinZip Close About Help

Please click a "Unzip" button of " WinZip Self-Extractor." Do not close window as you need it to launch an installer from such folder copied.

WinZip Self-Extractor copies a printer driver package to a local disk.



Setup

Mode Selection

☒ Install

☐ Uninstall

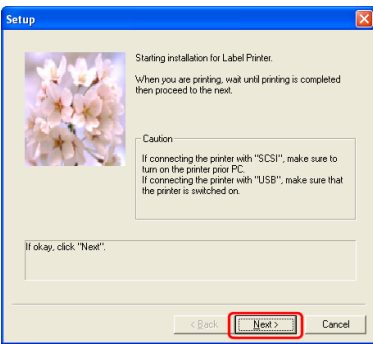
Language Selection

English

Japanese

OK Cancel

Select “Install” and “Language Option” to choose a language for the printer driver to be installed. Click “OK.”



Setup

Starting installation for Label Printer.

When you are printing, wait until printing is completed then proceed to the next.

Caution

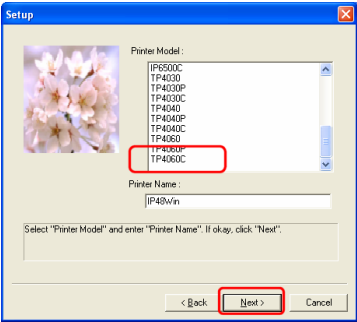
If connecting the printer with "SCSI", make sure to turn on the printer prior PC.

If connecting the printer with "USB", make sure that the printer is switched on.

If okay, click "Next".

< Back Next > Cancel

Click “Next.”



Setup

Printer Model:

IP6500C

TP4030

TP4030P

TP4030C

TP4040

TP4040P

TP4040C

TP4060

TP4060P

TP4060C

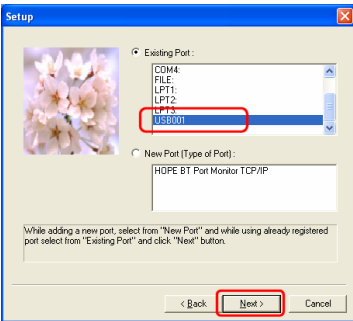
Printer Name:

JP48Win

Select "Printer Model" and enter "Printer Name". If okay, click "Next".

< Back Next > Cancel

Now you need to select a printer to install. Select a printer from “Printer Model” and input a name for “Printer Name.” Click “Next.”



Setup

Existing Port:

COM4

FILE

LPT1

LPT2

USB001

New Port (Type of Port):

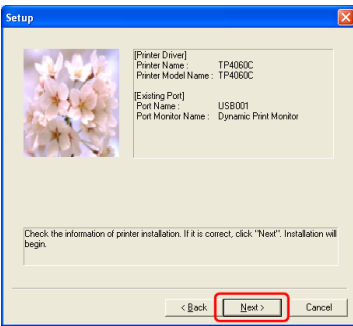
HOPE BT Port Monitor TCP/IP

While adding a new port, select from "New Port" and while using already registered port select from "Existing Port" and click "Next" button.

< Back Next > Cancel

Select a port used by the printer. The port to be selected is determined by the printer type and the interface to be used. Refer to the “Printer Port” section. Click “Next.”

In case of SCSI/network, select “New Port.”



Setup

(Printer Driver)

Printer Name: TP4060C

Printer Model Name: TP4060C

(Existing Port)

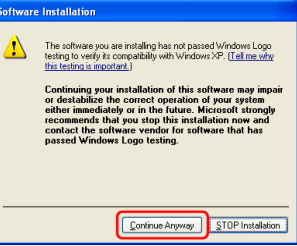
Port Name: USB001

Port Monitor Name: Dynamic Print Monitor

Check the information of printer installation. If it is correct, click "Next". Installation will begin.

< Back Next > Cancel

To start installation, click “Next.”



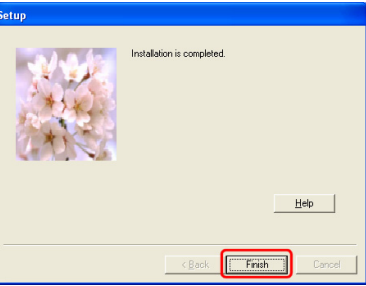
Software Installation

The software you are installing has not passed Windows Logo testing to verify its compatibility with Windows XP. [\[Click on why this testing is important.\]](#)

Continuing your installation of this software may impair or destabilize the correct operation of your system either immediately or in the future. Microsoft strongly recommends that you stop this installation now and contact the software vendor for software that has passed Windows Logo testing.

Continue Anyway STOP Installation

Although a message as shown below will appear during the installation process, click “Continue” to go on the installation.



Setup


Installation is completed.

Help

< Back Finish Cancel

The printer driver has been successfully installed. Click “Complete” to close the window.

When re-booting printer, Windows will detect printer again. By following the wizard that will be appeared, add printer again. Printer icon will not be add by adding printer.



Found New Hardware Wizard

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Can Windows connect to Windows Update to search for software?

☐ Yes, this time only

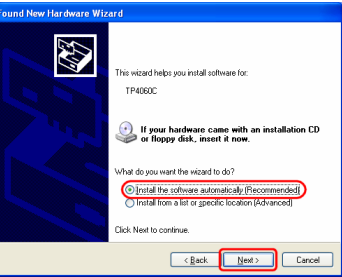
☒ Yes, now and every time I connect a device

☐ No, not this time

Click Next to continue.

< Back Next > Cancel

Select “No, not this time”. Click “Next.”



Found New Hardware Wizard

This wizard helps you install software for: TP4060C

If your hardware came with an installation CD or floppy disk, insert it now.

What do you want the wizard to do?

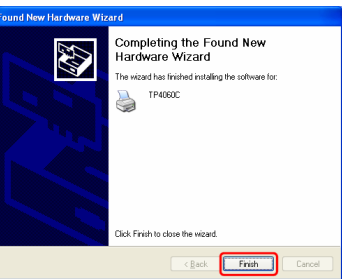
☒ Install the software automatically (Recommended)

☐ Install from a list or specific location (Advanced)

Click Next to continue.

< Back Next > Cancel

Select “Install the software automatically.” Click “Next.”



Found New Hardware Wizard

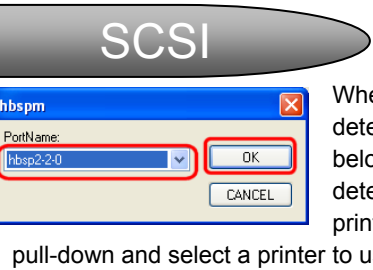
Completing the Found New Hardware Wizard

The wizard has finished installing the software for: TP4060C

Click Finish to close the wizard.

< Back Finish Cancel

Click “Complete” to close the window.



SCSI

hbspm

PortName:

hbsp2-2-0

OK

CANCEL

When the printer is successfully detected, a dialogue box as shown below will appear, showing the detected SCSI printers. If multiple printers are detected, click the pull-down and select a printer to use. Finally, click “OK.”



IEEE1284

There are no port-related settings to be done.

# Network

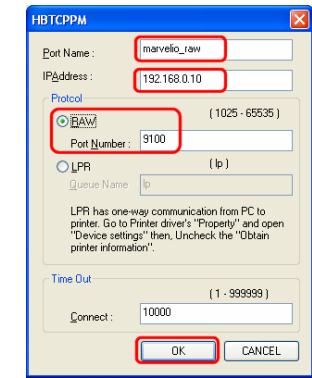
You have to add a port for each protocol used for printing.

RAW	One-to-one bi-directional communication can be made between PC and printer. Sending multiple printing orders simultaneously from multiple clients is not allowed.
LPR	One-way communication from PC to printer can be made. Printer can receive printing orders simultaneously from multiple PCs.

## - RAW

A dialogue box will appear to add a port. Specify the following data:

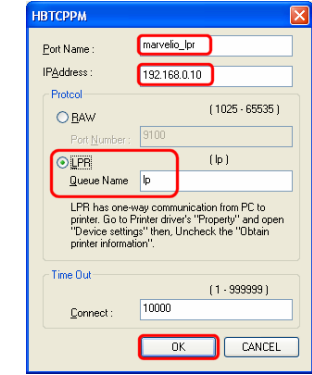
Port Name	Assign a name so that printer and port can be distinguished. (e.g.: marvelio_raw)
IP Address	Assign an IP address for the printer. e.g.: 192.168.0.10
Port No.	Enter 9100 for Port No.



## - LPR

A dialogue box will appear to add a port. Specify the following data:

Port Name	Assign a name so that printer and port can be distinguished. e.g.: marvelio_lpr
IP Address	Assign an IP address for the printer. e.g.: 192.168.0.10
Queue Name	Enter "lp" for Queue Name.



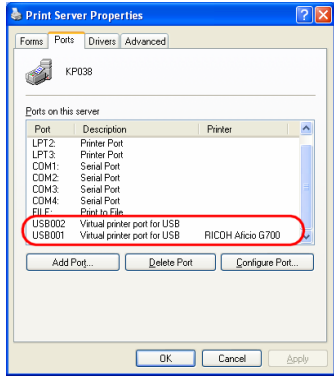
From printer driver property, go to “Device Setting” and uncheck “Obtain printer information”.

## FAQ: Installation

- Q: During IP48Win installation, the message “Printer is not found.” was shown. Why?
- A: When you turned on PC, the power of IP48Win might be OFF or the SCSI cable might be disconnected. Turn on IP48Win to make sure of its proper connection and then turn on PC again.
- Q: When I tried to install the driver, a window saying “Following older printer driver is detected....” was displayed. What should

I do for this?

- A: I am afraid that you need to replace the existing printer driver by a new one to improve the basic performance. After saving the paper information, uninstall the old printer driver. After that, reinstall a new driver and restore the saved paper information.
- Q: The printer interface is USB, and I connected PC to a printer different from the one already added. Then I cannot print anything from the printer driver previously installed.
- A: USB printers are identified through USB serial ID. Add a printer again.
- Q: My printer uses USB as its interface. I accidentally connected a peripheral device to the PC port used until now for TP4030/TP4040/TP4060. When I try to connect the TP4030/TP4040/TP4060 to another USB port on PC, will I have to install the driver again?
- A: No, you will not have to install the driver again. As the printer is identified through its USB serial ID, you can use the printer just like before simply by connecting the USB cable.
- Q: My PC already has a connection to a USB printer. If I want to add TP4030/TP4040/TP4060, which port should I select?
- A: Before installation, find out which port the already connected printer uses and then select an available port.



How to Find Available Ports

Open the printer folder window and, from the “Print Server Properties” dialog box, click the Ports tab. Printer status for each port will be shown.

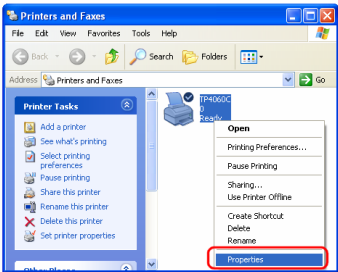
USB002 :is not used.  
USB001is used by another printer.

- Q: When I started PC, the following messages were displayed.



- A: These messages are shown when the status monitor has not been installed properly. If you uninstall the printer driver without restarting Windows and reinstall it, these messages will appear when Windows is restarted. Uninstall the printer once and try to install the driver again.

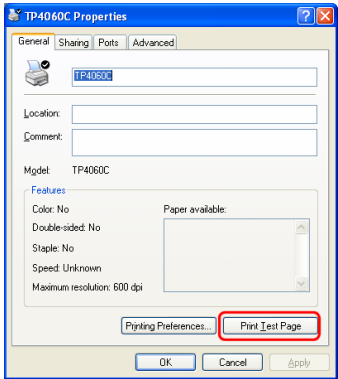
## Test Print



Please use the paper and ribbon that shipped with the printer.

To print a test page of the printer driver, from “Start,” open “Printers and Faxes.”

Open Properties by right-clicking the printer icon.



Click “Print Test Page.”

## Before You Uninstall...

Before you uninstall the printer driver, ‘**you need to save the paper information you have registered.**’ Also, after the printer driver has been installed, ‘**such saved paper information needs to be restored.**’

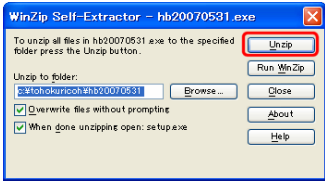
For saving and restoring the paper information, refer to Printer Driver Manual.

## Uninstallation

Before uninstalling the printer, please turn its power off.  
Delete all the remaining print data.

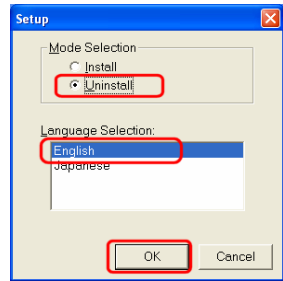


Double click printer driver package from Setup-CD or by downloading from Tohoku Ricoh Web Site.

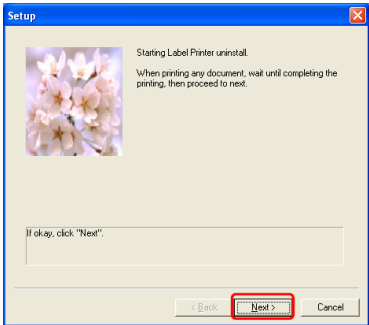


Please click a "Unzip" button of "WinZip Self-Extractor." Do not close window as you need it to launch an uninstaller from such folder copied.

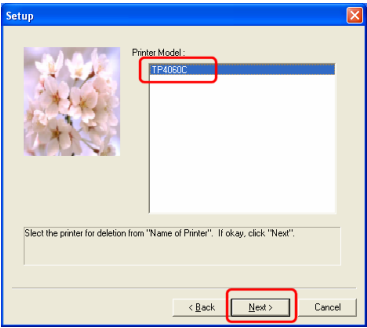
WinZip Self-Extractor copies a printer driver package to a local disk.



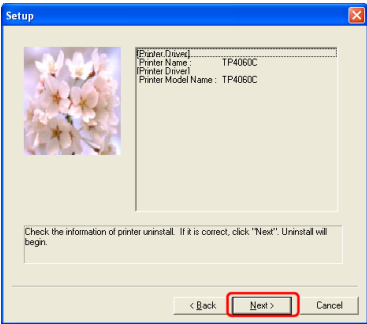
Set the Printer Driver CD-ROM in your PC and launch the setup application. Select “Uninstall” and, from “Language Selection,” a desired language for the wizard. Then, click “OK.”



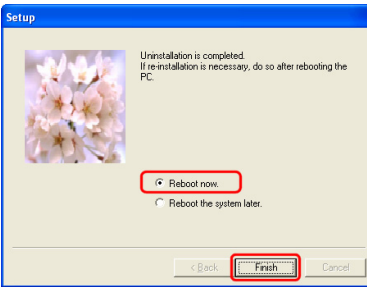
Click “Next”



Select a printer to uninstall and click “Next.”



Verify the contents to uninstall and click “Next.”



Uninstallation has been completed.

If Windows needs to be restarted, the following message will be shown. Always restart Windows. After restart now or later is selected, clicking the “Complete” button will complete uninstallation.

When you install the printer driver again, always restart Windows.

## FAQ: Uninstallation

- Q: After uninstallation has been completed, restarting Windows may be requested. What happens if I do not restart Windows?
- A: If you reinstall the printer without restarting Windows, you cannot correctly install the printer driver.
- Q: I cannot uninstall the printer.
- A: Do any print data remain in the printer folder ? Delete all the remaining print data before uninstall the printer again.