

RICOH



PJ WX4130N

Setup Guide

English

-
- 1 Preparations for Using the Projector
 - 2 Projecting an Image
 - 3 Using the Projector via a Network
 - 4 Appendix

Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read "Safety Information" before using the machine.

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Manuals Provided with the Projector

Manuals for the Projector

Read this manual carefully before you use the projector.

Refer to the manuals that are relevant to what you want to do with the projector.

Important

- The manuals are provided in various formats.
- Adobe® Acrobat® Reader®/Adobe Reader must be installed in order to view the manuals as PDF files.

Safety Information

Provides information about safe usage of the projector.

To avoid injury and prevent damage to the projector, be sure to read Safety Information.

Setup Guide

Provides basic information about how to install the projector. Since the contents of this manual are a summary of Operating Instructions, see Operating Instructions for detailed information.

Operating Instructions

Provides information about how to install the projector, how to project images using the projector, and how to configure the projector. It also provides information about troubleshooting and maintenance.

Note

- The following software products are referred to using general names:

Product name	General name
RICOH PJ Network Utility Type A	Network Utility
RICOH JPEG Conversion Tool Type A	JPEG Conversion Tool

Viewing the PDF Manual on the CD-ROM

This section describes how to view the PDF manual on the supplied manual CD-ROM.

File path

The manual is included in the following folder on the CD-ROM:

Manual\((language)

1. **Insert the CD-ROM in the CD-ROM drive of your computer.**
2. **Specify a language.**

The launcher screen appears.

3. **Click [Read PDF manuals].**

The PDF manual is displayed on the screen.

Note

- To view the PDF manuals, you need to have Adobe Acrobat Reader/Adobe Reader installed on your computer.

How to Read This Manual

Symbols

This manual uses the following symbols:

 **Important**

Indicates points to pay attention to when using the projector.

 **Note**

Indicates supplementary explanations of the projector's functions, and instructions on resolving user errors.

[]

Indicates the names of buttons on the control panel and remote control. It also indicates items displayed on the menu screens.

Notes

Contents of this manual are subject to change without prior notice.

Two kinds of size notation are employed in this manual.

Some illustrations in this manual might be slightly different from the machine.

Certain options might not be available in some countries. For details, please contact your local dealer.

Depending on which country you are in, certain units may be optional. For details, please contact your local dealer.

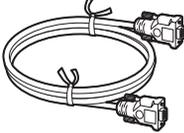
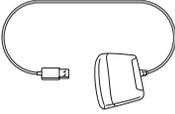
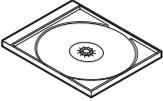
1. Preparations for Using the Projector

Checking the Accessories

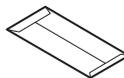
1

The projector is provided with the following accessories. Make sure that everything is included in the package.

If anything is missing or damaged, contact your sales representative or service representative.

Remote control AAA battery LR03 (2 ea)	
RGB cable (3 m)	
Power cord	
Mouse remote control receiver	
Carrying bag	
Safety Information Setup Guide	
CD-ROM	

Warranty card



Note

- The bundled accessories may vary depending on the location that this product was purchased.
- Use only the RGB cable provided with the projector.
- Use only the power cord set provided with the projector.

Connecting Equipment to the Projector

⚠ CAUTION

- Do not place the power cord and connection cable in a way that might cause someone to trip and fall. The product might fall over and cause an injury.

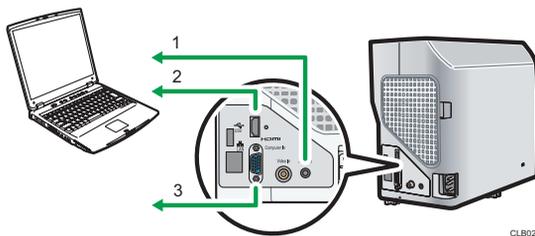
Various equipments can be connected to the projector.

Turn off the power to any equipment before connecting it to the projector. Be sure to read the manual for the applicable equipment before connecting it to the projector.

Connecting a Computer

Connect an RGB cable to the Computer In port of the projector and to the RGB output of a computer. To input audio signals, connect an audio cable to the Audio In port of the projector and to the audio output of a computer.

If an HDMI interface is available on a computer you want to use, connect an HDMI cable to the HDMI ports of the projector and the computer.



CLB024

- To the audio output
- To the HDMI port
- To the RGB output

Connecting AV Equipment

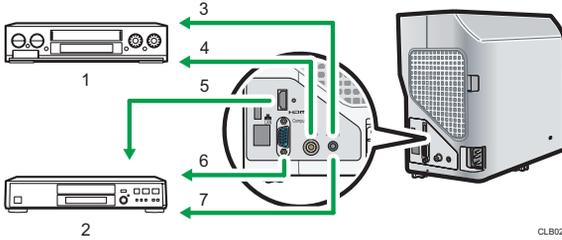
Use a cable that supports the signal being input when connecting AV equipment.

To connect a DVD recorder, connect a conversion adapter BNC-pin to the Computer In port of the projector and to the Y/Pb/Pr output of the recorder.

To connect a video recorder or a DVD player, connect a video cable to the Video In port of the projector and to the video output of the recorder or the player.

To input audio signals, connect an audio cable to the Audio In port of the projector and to the audio output of the recorder or the player.

If an HDMI interface is available on a device you want to use, connect an HDMI cable to the HDMI ports of the projector and the device.



1. Video player, DVD player
2. DVD recorder
3. To the audio output
4. To the video output
5. To the HDMI port
6. To the Y/Pb/Pr output
7. To the audio output

Connecting the Power Cord

WARNING

- Do not use any power sources other than those that match the specifications shown. Doing so could result in fire or electric shock.

WARNING

- Do not use any frequencies other than those that match the specifications shown. Doing so could result in fire or electric shock.

WARNING

- The supplied power cord is for use with this machine only. Do not use it with other appliances. Doing so could result in fire or electric shock.

WARNING

- It is dangerous to handle the power cord plug with wet hands. Doing so could result in electric shock.

CAUTION

- Do not place the power cord and connection cable in a way that might cause someone to trip and fall. The product might fall over and cause an injury.

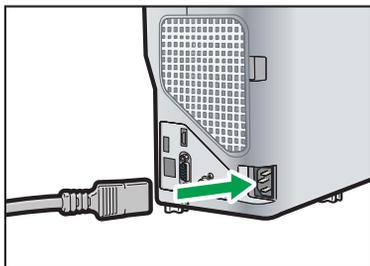
CAUTION

- Push the power plug all the way into the power outlet. Do not use a power outlet with a loose connection. Doing so may result in heat buildup. Plug the power cord in the correct direction into the base. If they are not plugged in correctly, it could result in smoke, fire, or electric shock.

CAUTION

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.

1. Insert the connector of the power cord set into the AC In socket on the right side of the projector.



CLB020

2. Insert the power plug into a power outlet.

2. Projecting an Image

Basic Operations

WARNING

- Do not look into the projection window or vent when the product is on. The bright light may damage your eyes. Be especially careful in an environment with children.

CAUTION

- Do not place low heat resistant material near the exhaust vents. Hot air may come from the exhaust vents, resulting in damage to the product or an accident.

CAUTION

- Do not block the projection light when it is on. If you do so, the part that is blocking the projection light may get quite hot and deform, deteriorate or cause a burn or fire. The reflected light may make the projection window hot and cause a product failure. To temporarily suspend projection, select the mute function. To suspend longer, turn off the product.

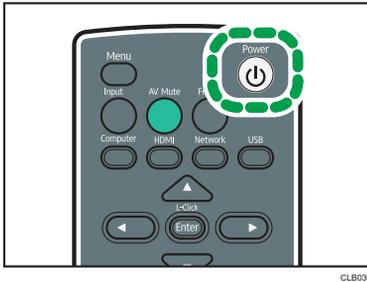
Important

- **Unplug the power cord if the projector will not be used for an extended period of time.**
- **If the lamp is used for an extended period of time, it may not light up or the image may become dark. If this happens, replace the lamp. In some rare cases, the lamp's brightness may vary slightly due to the characteristics of a lamp.**

Turning On the Projector

Make sure that the power plug is inserted into a power outlet. For details, see p.9 "Connecting the Power Cord".

1. Press the [Power] button.



The projector beeps and the indicator flashes blue.
The start-up screen is displayed.

When the start menu is displayed

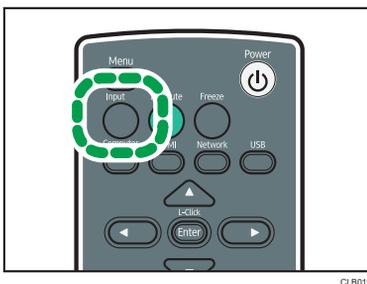
When the projector is turned on for the first time after it is purchased, specify the display language and lamp power level.

1. Select the display language, and then press the [Enter] button.
2. Select the lamp power level, and then press the [Enter] button.

Selecting an Input Signal

Select a signal that is compatible with the equipment that is connected to the projector.

1. Turn on the equipment that is connected to the projector.
To project the image of a video player, press the play button on the video player.
2. Press the [Input] button.



The input signal is detected automatically and the image is projected. The input signal changes each time the [Input] button is pressed.

When projecting the screen of a notebook computer

When connecting a notebook computer to the projector, switch the computer's image output. In Windows operating systems, the image output can be switched with a function key. While pressing and holding the [Fn] key, press the  key, the  key, or the LCD/VGA function key.

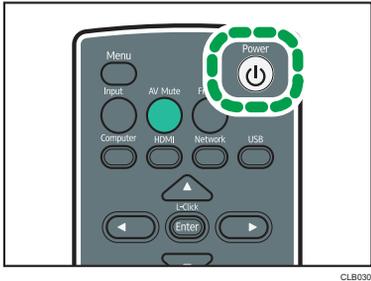
2

Examples of various computers

Computer brand	Key combination
MSI	[Fn] + [F2]
Everex, Mitsubishi, NEC, Panasonic, Sotec	[Fn] + [F3]
Gateway, HP	[Fn] + [F4]
acer, Sharp, Sotec, Toshiba	[Fn] + [F5]
Hitachi, IBM, lenovo, Sony	[Fn] + [F7]
Asus, Dell, Epson, Hitachi	[Fn] + [F8]
Fujitsu	[Fn] + [F10]

Turning Off the Projector

1. Press the [Power] button.



The confirm screen appears.

2. Press the [Power] button.

The projector beeps and the projector turns off.

3. Using the Projector via a Network

Connecting the Projector to a Network

The projector can be connected to a network using a wireless LAN or an Ethernet cable. For details, see p.16 "Connecting Using an Ethernet Cable", or p.17 "Connecting Using a Wireless LAN".

To use the projector via a network, you must specify settings such as the IP address in [Network Settings]. The required settings are described below:

Wired LAN

Item	Wired LAN	Wireless LAN
Wired LAN Settings	As necessary	-
TCP/IP Settings	Required	-

Wireless LAN

Item	Wired LAN	Wireless LAN
Simple Settings	-	As necessary
Wireless LAN Settings	-	As necessary
Security	-	As necessary
TCP/IP Settings	-	Required

LAN Common

Item	Wired LAN	Wireless LAN
Network Interface	Required	Required
DNS Settings	As necessary	As necessary
Projector Search Settings	As necessary	As necessary
HTTP Client Settings	As necessary	As necessary
HTTP Server Settings	As necessary	As necessary

Connecting Using an Ethernet Cable

⚠ CAUTION

- Do not place the power cord and connection cable in a way that might cause someone to trip and fall. The product might fall over and cause an injury.

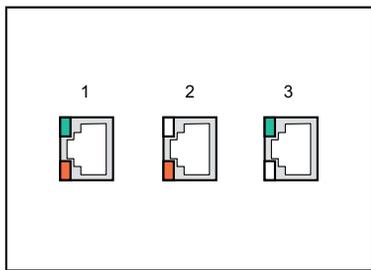
The projector is compatible with 10BASE-T, 100BASE-TX, and 1000BASE-T Ethernet interfaces.

★ Important

- If the projector is turned on, turn it off before connecting the Ethernet cable.

Status of the network connection

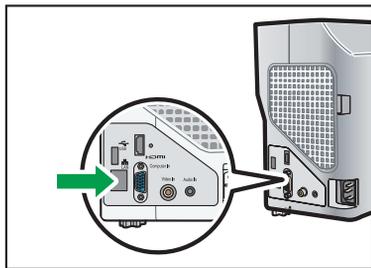
You can confirm the status of the network connection by the patterns in which the LEDs on the Ethernet interface light up. If the projector is not connected to a network, no LEDs light up.



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1. When 1000BASE-T is active (orange and green LEDs light up)
2. When 100BASE-TX is active (orange LED lights up)
3. When 10BASE-T is active (green LED lights up)

1. Insert the Ethernet cable into the Ethernet interface.



CLB045

2. Connect the other end of the Ethernet cable to a network device such as a hub.
3. Turn the projector on.

Connecting Using a Wireless LAN

WARNING

- Do not use a wireless LAN if there is electromagnetic interference from other equipment. Doing so may cause an accident due to the other equipment malfunctioning from the electromagnetic interference.

Wireless LAN Connection Workflow

3

The projector is compatible with ad hoc mode and infrastructure mode. Select the communications mode according to the network environment of the site to be used.

Ad Hoc mode

This mode communicates with the computer directly, and not via an access point. No other equipment is required, so this mode is suited for locations that have no network environment.

If you use ad hoc mode, make the following settings:

Settings Using Simple 1:1 Connection

Action	Method	Refer to
Wireless LAN settings	Simple 1:1 Connection (Network Utility)	p.20 "Simple 1:1 Connection"
Image projection	Simple 1:1 Connection (Network Utility)	p.20 "Simple 1:1 Connection"

Infrastructure mode

This mode can communicate with networks in which both wireless and wired LAN devices are connected via a wireless LAN access terminal. It is necessary to user greater security since all communication is via a network. Use infrastructure mode in environments in which a wireless LAN has already been configured.

If you use infrastructure mode, make the following settings:

Settings Using Simple Wireless LAN Setup

Action	Method	Refer to
Wireless LAN settings	Simple Wireless LAN Setup	p.18 "Simple Wireless LAN Setup"
Image projection	Network Connection (Network Utility)	p.21 "Network Connection"

3

Simple Wireless LAN Setup

To use the projector via a wireless LAN, the network settings must be configured. If you use the wireless LAN simple setup function, the infrastructure settings can be easily configured.

The simple wireless LAN setup function acquires the wireless LAN settings registered in the access point, and configures those settings for the projector automatically. The access point must also be compliant with the simple wireless LAN setup function.

Select [Wireless LAN] in [Network Interface] under [Network Settings] beforehand. Further, specify the IP address and DHCP server using [TCP/IP Settings] in [Wireless LAN].

Setup Method

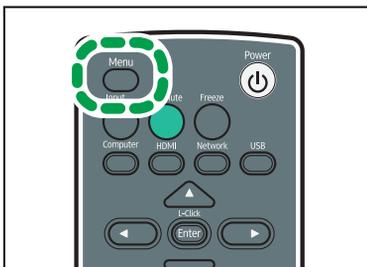
- Using push buttons

Press the projector and access point keys or buttons to get them to connect to each other and register the settings.

- Enter the access point's PIN code in the projector

Enter the PIN code that was generated by the access point in the projector to get them to connect to each other and register the settings. The access point's PIN code must be registered in the PIN code field of the projector.

1. Press the [Menu] button.



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2. Select the [Network/USB Settings] menu.

3. Select [Network Settings].
4. Select [Wireless LAN].
5. Select either [Connect by PIN] or [Connect by Push] in [Simple Wireless LAN Setup].
6. If [Connect by PIN] is selected, enter the PIN code generated by the access point in the projector, and then proceed to step 7.

You must preconfigure the access point's simple wireless LAN setup function.

7. If [Connect by Push] is selected, press the access point push button.
8. Select [OK] on the confirmation screen.

The wireless LAN setup is complete.

Projecting Images Using Network Utility

Simple 1:1 Connection

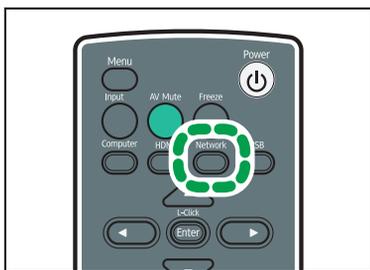
You can connect the computer and projector using a wireless LAN in ad hoc mode.

Make sure the projector's "Connection Method:" is "Simple 1:1 Connection". You can confirm the projector's "Connection Method:" on Network Information displayed on the screen.

To set the projector's "Connection Method:" to "Simple 1:1 Connection", enable the projector's wireless LAN connection in ad hoc mode, and then select [Auto] in [Connection Setting] under [Wireless LAN Settings].

You do not need to specify the wireless LAN settings such as the SSID or the IP address.

1. Turn the projector on.
2. Press the [Network] button.



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3. Double-click the "Network Utility" icon on the computer.
Network Utility starts.
4. Click the [Simple 1:1 Connection] tab.
Projector search starts. If projector search does not start automatically, click [Search].
5. If two or more projectors are found, select a projector to connect from [Select Projector to Use (Projection Can Only be Performed by 1 Device):].
6. Select the projection method.
7. If you select [Transmit Still Image File], specify the file to be projected.
8. Click [Start Prjctn].

The computer screen or selected file is projected.

Network Connection

You can connect the projector to a computer via a network by using a wired or wireless LAN.

A maximum of four projectors can be selected at the same time. If you select multiple projectors, they will all project the same image.

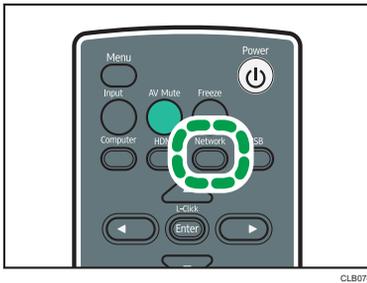
Make sure the projector's "Connection Method:" is "Network Connection". You can confirm the projector's "Connection Method:" on Network Information displayed on the screen.

To set the projector's "Connection Method:" to "Network Connection", do one of the following:

- Enable connection to a wired LAN.
- Use infrastructure mode to connect to a wireless LAN.
- Use ad hoc mode to connect to a wireless LAN, and then select [Manual] in [Connection Setting] under [Wireless LAN Settings].

You must also specify the settings, such as the IP address, in [Network Settings].

1. Turn the projector on.
2. Press the [Network] button.



3. Double-click the "Network Utility" icon on the computer.

Network Utility starts.

4. Click the [Network Connection] tab.

Projector search starts. If projector search does not start automatically, click [Update].

5. Select a projector to connect from [Select Projector(s) to Use (Projection Available on up to 4 Devices):].

If you want to manually enter the projector IP address, select [Connect by Manual Entry], and enter the IP address.

6. Select the projection method.
7. If you select [Transmit Still Image File], specify the file to be projected.

8. Click [Start Prjctn].

The computer screen or selected file is projected.

4. Appendix

Trademarks

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