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PowerLite® 1915/1925W

Network and PC Free Operation Guide

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Before Using the Wireless LAN Unit

Please read this chapter before using the optional supplied or optional Wireless LAN unit.

Precautions When Using the Wireless LAN Unit

Note the following points when the optional supplied or optional Wireless LAN unit is installed in the projector and used.

To help you use the product safely and correctly, symbols are applied in the User's Guide and on the product to indicate possible harm to the user or to others and the risk of damage to property. The indications and their meaning are as follows. Make sure you understand them properly before reading the guide.

Warning	This indicates information that, if ignored, could possibly result in death or personal injury due to incorrect handling.
Caution	This indicates information that, if ignored, could possibly result in personal injury or physical damage due to incorrect handling.

Warning:

- *May exert electromagnetic interference on, and cause malfunction of, cardiac pacemakers. Before use, ensure that electromagnetic interference does not occur.*
- *May exert electromagnetic interference on, and cause malfunction of, sensitive medical equipment. Before use, ensure that electromagnetic interference does not occur.*
- *Use of this product on aircraft may be restricted in some countries. Use of this product is based on due diligence with regard to regulations.*

Caution:

- *This unit should only be used with Epson projectors. If it is installed on a device such as a computer, it could result in computer failure, damage, or malfunction.*
- *Do not disassemble or remodel this unit. Otherwise you could be burned.*

Precautions on Handling and Storage

- Do not store in locations with high temperatures or high humidity. In particular it may be damaged or deformed by leaving it in a vehicle with the windows shut, or placing it for extended periods in locations with unusually high temperatures such as in direct sunlight.
- Do not get it wet. This may cause malfunctions to occur.
- Do not use near microwave ovens. Wireless communication may be interrupted by the electromagnetic interference generated by microwave ovens.
- Do not drop it, subject it to impacts, or place heavy objects on it.

Precautions Regarding Frequency

The frequency band for this unit is 2.4 GHz/5 GHz. This band is used for industrial, scientific, and medical devices such as microwave ovens, and it is also used by the premises of a radio station for mobile unit identification (RF-ID) systems in the factory line (license required) and specified low-power radio stations (no license required). Before using this unit, check that there are no radio stations for mobile unit identification or specified low-power radio station premises nearby. In the event that this unit should interfere electromagnetically with the premises of a radio station used for mobile unit recognition, cease use immediately and stop generating the electromagnetic field. Contact Epson if this unit interferes electromagnetically with a special low-power radio station used for mobile unit identification or causes similar problems.

Wireless Telegraphy Act Regulations

The following acts are prohibited by the Wireless Telegraphy Act.

- Modifying and disassembling (including the antenna)
- Removing the label of conformance
- IEEE 802.11a (5 GHz band) external use

Precautions Regarding International Travel

Wireless devices are designed to conform to the channel and frequency limits of the intended country of use. This unit is based on the specifications of the country of sale. If this unit is used outside the country of sale, check with a local dealer for more information.

Notes on Security when Using Wireless LANs

(Important information on customer rights (maintaining privacy))

The advantage of using a wireless LAN over a LAN cable is that, because information is exchanged using radio signals, you can easily connect to the network if you are within range of the radio signals. A disadvantage of this is that within a certain range, the electromagnetic signals can pass through barriers such as walls, so that if security countermeasures are not implemented in some way, problems such as the following may occur.

- Communicated data can be intercepted

  A third party may be able to receive wireless transmissions without authorization, and they could obtain personal information from these transmissions such as IDs, passwords, or credit card numbers, or they could intercept the contents of personal e-mail messages.

- Unauthorized access to the network

  A third party could access an individual or intra-company network without permission and carry out any of the following activities.

  - Retrieve personal data or other secret information (leaking information)
  - Pose as another user and send inappropriate data (impersonation)
  - Overwrite the contents of intercepted data and resend it (falsification)
  - Introduce a computer virus which could cause data loss or system crashes (damage)

Initially, the possibility that such problems could occur through settings concerning the security of the wireless LAN product and by using the product are decreased, because the wireless LAN card and the access point have security measures to deal with these problems. We recommend that you use this product after making security settings using your own judgment and assuming full responsibility, and with your full understanding of problems that may occur if you do not make any security settings.

See the projector *User's Guide* for more information on security settings.

Wireless LAN Unit Specifications

Conditions for connecting to compatible Wireless LAN cards and access points

This unit can be connected to the following products in accordance with IEEE 802.11g, 802.11b, and 802.11a.

- Wireless LAN card

- Computers with a built-in wireless LAN function
- Access points

However, you are unlikely to be able to make an ad hoc connection for wireless LAN equipment used with a computer in IEEE 802.11g. For more details on wireless LAN equipment see the specifications.

Specifications for this unit

Frequency band[*1]	IEEE 802.11b/g: 2.4 GHz band (1 to 11 Ch), IEEE 802.11a: 5.15 to 5.25 GHz (W52), 5.25 to 5.35 GHz (W53)[*2]
Modulation	IEEE 802.11b: DS-SS IEEE 802.11a/g: OFDM
Potential Interference Range	Less than 20 m
Propriety of Frequency Modulation	Can use all bands, and can avoid "licensed" and "unlicensed" bands.

[*1] You cannot use IEEE 802.11a in the People's Republic of China or the Russian Federation.

[*2] You can only connect to the W53 band using Advanced Connection.

Making Effective Use of Your Projector

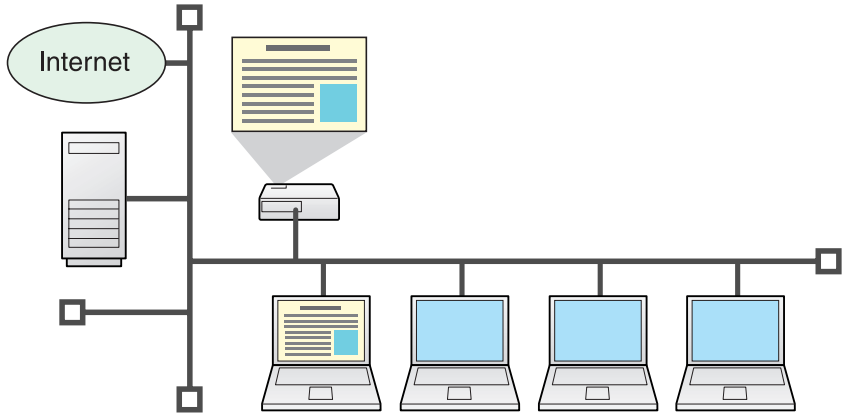
This chapter provides information on functions that allow you to use your projector more effectively.

Effective Functions for Projector Use

This projector is equipped with many useful functions to improve usability. As well as a computer cable, you can connect using various other interfaces such as a USB cable, a USB storage device, or a LAN connection. This allows for a wide range of image input sources depending on your usage environment.

Various Screen and Audio Transfers by Network Connection (EasyMP Network Projection)

You can hold efficient meetings and presentations by connecting the projector to a network.



Smooth progress

If the projector is connected to a network, you can share the projector from computers on the network. When projecting data from different computers during a meeting or presentation, you can progress smoothly without changing the signal cable between each computer.
Even a distance between the projector and the computer does not cause any problems.

Various screen and audio transfer functions

- Distribution function ☛ p.16
- Switching function ☛ p.16
- Multi-screen display ☛ p.31
- Movie Sending Mode ☛ p.29
- Presentation Mode ☛ p.28

Monitor, Configure, and Control the Projector from a Remote Location

The following convenient functions collectively manage projectors in various conference rooms.

- Receive an e-mail notification if a problem occurs ☛ p.54
- Monitor and detect problems from SNMP Manager on the network ☛ p.55
- Set and control the projector by using a standard computer Web browser ☛ p.52

Project images from your computer using "Network Projector" in Windows Vista

In Windows Vista you can use the standard feature "Network Projector" to connect the projector to a computer via a network and then project. This lets you make presentations via a network by simply using a standard OS function without installing any software.

Projecting directly from saved files on a USB device (PC Free)

By connecting a USB memory or a digital camera compatible with USB mass storage devices to the projector, you can directly project images, movies, and scenarios stored on the USB device.☛ p.58

Connect a USB Cable to Your Computer and Project Images from the Computer Screen (USB Display)

By simply using the supplied USB cable to connect to a Windows computer, you can project images from the computer.

Installing the Software

You can find the software for using the projector effectively on the supplied "EPSON Projector Software for Meeting & Presentation" CD-ROM. Install the software on the computer you are using.

The PC Free and USB Display functions are already built-in to the projector. They can be used as they are without being installed from the CD-ROM.

Software Supplied

You can find the following software on the "EPSON Projector Software for Meeting & Presentation" CD-ROM.

- EasyMP Network Projection
  Software for sending computer screen images to a projector via a network connection.
- EasyMP Slide Converter
  Software for converting PowerPoint files into scenario files that can be projected directly with PC Free.
- EasyMP Monitor
  Software that lists the current status of Epson projectors connected to the network, and monitors and controls those projectors. You can collectively manage multiple projectors by using EasyMP Monitor. For details on using EasyMP Monitor, see the *EasyMP Monitor Operation Guide*.

Check the system requirements for each software application from Software Requirements in the projector *User's Guide*.

Installing

Make sure you check the following points before starting installation.

- When using the following OS, you must have administrator authority to install EasyMP Network Projection.
  - Windows 2000
  - Windows XP
  - Windows Vista
- To install EasyMP Slide Converter, PowerPoint 2002 or later and Visual Basic for Applications (VBA) must be installed.
- When using the following OS, you must have administrator authority to install EasyMP Monitor.
  - Windows 2000
  - Windows NT4.0
  - Windows XP
  - Windows Vista
- Make sure that you close all running applications before starting installation.
- When the language selected for the installation varies from that of the OS being used, the screens may not be displayed correctly.

CAUTION

- ***For current users of EMP NS Connection software***
  The EasyMP Network Projection software that came on your new projector software CD-ROM provides updated networking features and is backward-compatible with existing networks running Epson projectors. To use your new projector on the network, you must uninstall EMP NS Connection and install EasyMP Network Projection software as described in this manual.
- ***For current users of EMP Monitor software***
  The Easy Management® EasyMP Monitor software that came on your new projector software CD-ROM provides updated network monitoring features. To monitor your new projector on the network, you must uninstall EMP Monitor and install EasyMP Monitor. First save a copy of your current setting information data file, EMPMonitor.dat, in a separate folder. This will retain your current registered projector settings. Then uninstall EMP Monitor and install EasyMP Monitor as described in the ***EasyMP Monitor Operation Guide****. After installation, replace the new EMPMonitor.dat file with your saved copy.*

Procedure

For Windows

1. **Turn on your computer.**
2. **Insert the "EPSON Projector Software for Meeting & Presentation" CD-ROM into the computer.**

   The installer starts automatically.
3. **Click "Easy Install".**

   To select software and install it individually, select **Custom Install**. To change the language in which the software is displayed, click **Language**".
4. **Check the applications to be installed, and then click "Install".**
5. **When the License Agreement screen is displayed, click "Yes".**
6. **When the Add-Remove EPSON Virtual Display screen is displayed, click "OK".**

   To use Multi-screen display you need to set up EPSON Virtual Display. If you do not want to set it up now, you can do so later.☛ p.33
7. **Click "Exit" to complete the installation.**

   When EasyMP Slide Converter or EasyMP Monitor is selected, installation begins.

For Macintosh

EasyMP Slide Converter and EasyMP Monitor are not compatible with Macintosh computers.

1. **Turn on your computer.**
2. **Insert the "EPSON Projector Software for Meeting & Presentation" CD-ROM into the computer.**
3. **Double-click the "Installer for Mac OS X" icon in the EPSON window.**

   Installation starts.
4. **Click "Exit" to complete the installation.**

- *When installation does not start automatically (Windows only)*
  *Select **Start** - **Run**, and in the **Run** dialog box, type the letter for your CD-ROM drive followed by :\EPsetup.exe and then click **OK**.*
- *Uninstalling*

  For Windows

  *Select **Start** - **Settings** - **Control Panel** - **Add-Remove Programs** or **Add or Remove Programs** and then remove EasyMP Network Projection.*

  For Macintosh

  *From **Applications**, delete the EasyMP Network Projection folder.*

Connecting with EasyMP Network Projection

This chapter explains how to connect the computer and the projector via a network, and the procedure for projecting images from your computer's screen with the projector.

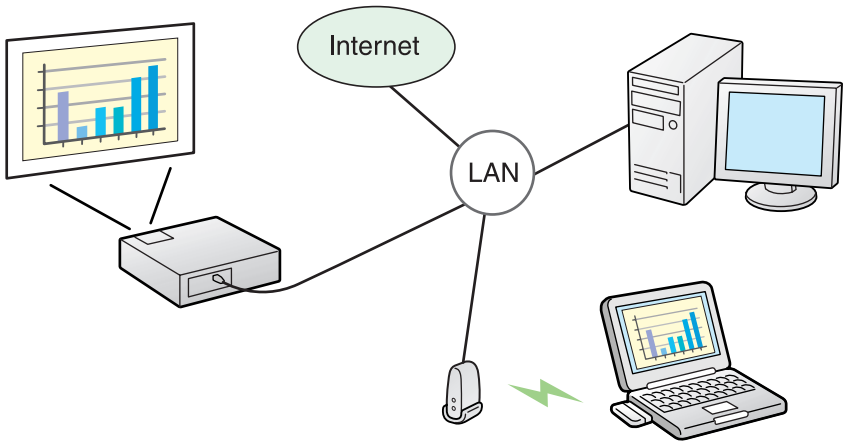
EasyMP Network Projection Summary

There are two methods of connecting a computer and the projector via a network by using EasyMP Network Projection.

Two Connection Modes and their Main Functions

Advanced Connection Mode

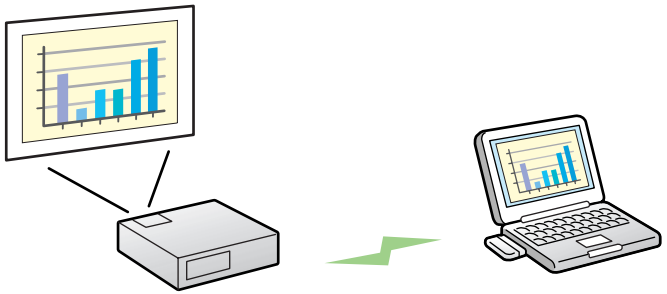
Advanced Connection Mode is an infrastructure connection, and connects to an existing network system via a network cable.
When connecting to a network via Wired LAN, connect the projector to the network hub with a commercially available LAN cable.
If you install the optional supplied or optional Wireless LAN unit in the projector, you can connect to the network via a wireless LAN access point.



- You can monitor and control projectors on a network from the computer.

Quick Connection Mode (only when the supplied or optional Wireless LAN unit is installed)

Quick Connection Mode only runs when you install the supplied or optional Wireless LAN unit in the projector.
Quick Connection Mode temporarily assigns the projector's SSID to a computer creating an ad hoc connection, and restores the computer's network settings after disconnecting.☛ p.19



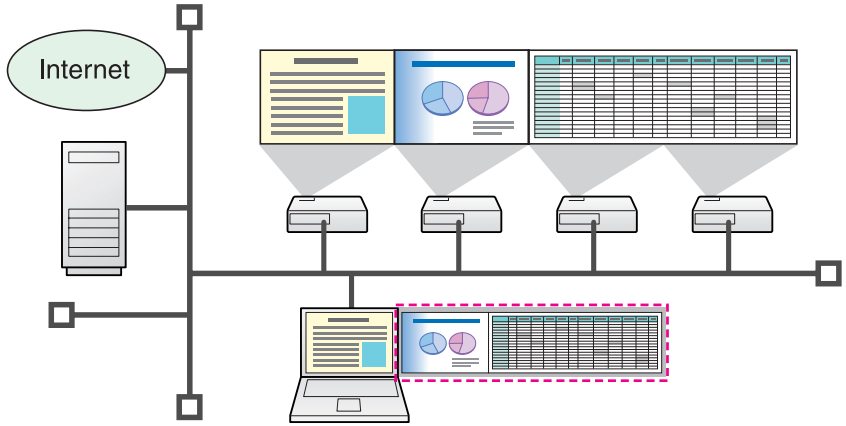
- You can easily connect to a computer and project images from the computer without making network settings.
- This lets you connect easily without a connector cable, and you can even connect if the projector and the computer are at remote locations.

Main functions

You can make meetings and presentations by using the following convenient functions.

- Multi-screen display

  You can project different images from up to four projectors from one computer, allowing you to project landscape images such as spreadsheets and so on as one continuous image.



- Movie file transfer (Movie Sending Mode)

  By using Movie Sending Mode, movies can be projected more smoothly than when being sent from an application running on a PC.

- Audio Transfer

  You can play back by transferring the computer's audio to the projector on a one to one basis.

- Presentation Mode

  This function can project a PowerPoint Slide Show running on a computer. You can give stylish presentations by projecting a black screen while making preparations and so on, and when not performing a Slide Show.

- Distribution function

  The screen being displayed by a remote computer can be simultaneously displayed by up to four projectors on the same network.

- Switching function

  By using the meeting switching function, if EasyMP Network Projection is installed on all of the computers, the presenters can take turns and project their own images without changing cables.

Steps for Connecting

Use the following steps to connect the computer to the projector and project in EasyMP Network Projection.

You need to perform steps 1 to 4 only the first time you connect.

1. Install EasyMP Network Projection on the computer to be connected. ☛ p.13

2.* Make network settings on the computer and put it into network connection status. ☛ p.19

3. For **Quick Connection Mode:** Install the supplied or optional Wireless LAN unit in the projector (if already installed, go to step 5).
   For **Advanced Connection Mode:** Enable the Wired LAN adapter in "Port Configurations". ☛ See your computer documentation.

4. Make network settings on the projector and put it into network connection status.☛ See your projector *User's Guide*.

5. Start EasyMP Network Projection on the computer and connect with the projector. ☛ p.20

* When the computer you are using is normally connected to the network, you do not need to make network settings on the computer.

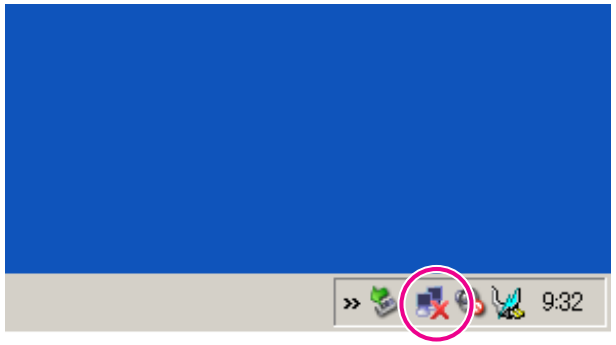
Preparing to Connect

Use the following procedure to prepare the computer and the projector for connection.

Preparing the Computer

For Windows

Make network settings for the computer by using the utility software supplied with the LAN adapter. For more information on the utility software, see the User's Guide supplied with your LAN adapter.
For example, as shown in the following illustration, when a red cross (×) is displayed over the network icon on the taskbar, you cannot connect to the projector.



For Macintosh

Set the network port and communication status. For more details on setting the communication status, see the User's Guides for your computer or the AirPort card.

Operating the Projector

Before connecting, put the projector into connection standby status. Make sure the projector network settings are complete, and the projector is connected to network equipment such as a network hub via a commercially available network cable.

Procedure

1. **Press the [⏻] button on the remote control to turn the power on.**

2. **Press the LAN button on the Remote Control.**

   The LAN standby screen is displayed.

Operating the Computer

In the following explanations, unless otherwise noted, Windows screen shots are used. You see the same screens even when using Macintosh.

Procedure

1. **Start EasyMP Network Projection.**

   For Windows

   Select **Start** - **Programs** (or **All Programs**) - **EPSON Projector** - **EasyMP Network Projection**.

   For Macintosh

   Double-click the Applications folder of the hard drive volume in which EasyMP Network Projection is installed, and then double-click the EasyMP Network Projection icon.

2. **Select "Quick Connection Mode" (Only when the supplied or optional Wireless LAN unit is installed) or "Advanced Connection Mode" and then click "OK".**

   The projector search results are displayed. To always connect using the same Connection Mode, select **Set the selected Connection Mode as the default mode for future connections.**

3. **Select the projector you want to connect to, and then click "Connect".**

   If the projector you want to connect to is not displayed in the search results, click the **Automatic search** button. The search takes about 30 seconds.
   For details on the connection screen, see "Using the Connection Screen".☛ p.22

4 **When Projector keyword is set to "On" from the projector, the Keyword entry screen is displayed. Enter the keyword displayed on the LAN standby screen, and then click "OK".**

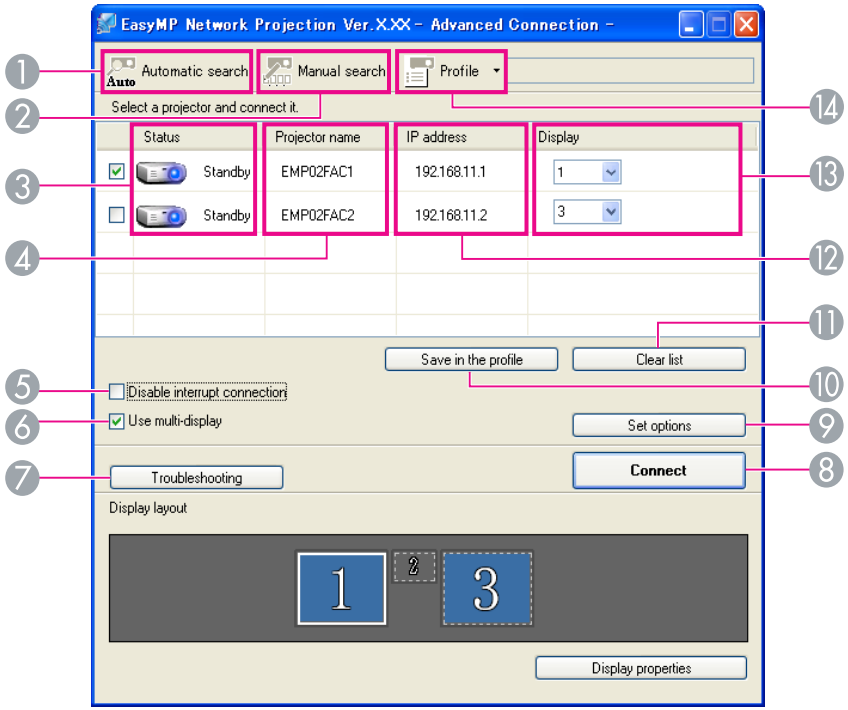
When the connection is complete, the computer screen is projected. The following EasyMP Network Projection toolbar is displayed on the computer screen. You can use this toolbar to operate the projector and make settings, and to disconnect the network connection. For details on using the toolbar, see "Using the Toolbar".☛ p.24

When connecting from another computer, such as when changing presenters, start EasyMP Network Projection from the computer you want to connect. The computer that is currently connected is disconnected, and the projector is then connected with the computer that is trying to connect now.

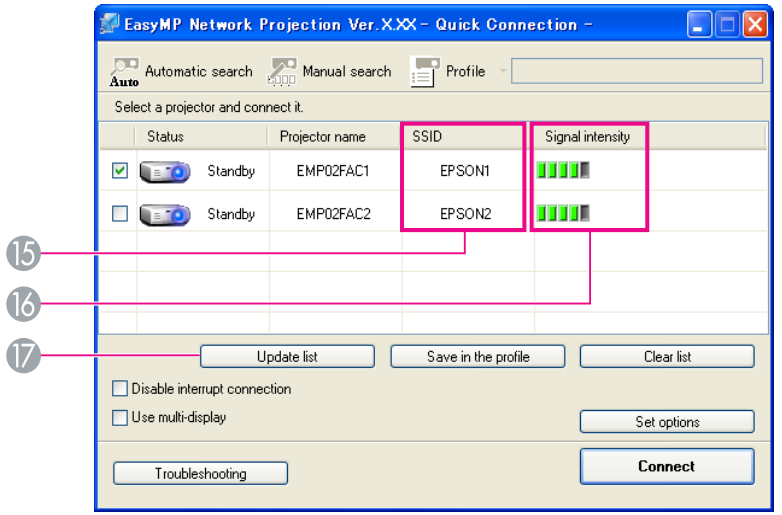
Using the Connection Screen

Start EasyMP Network Projection to display the following screen. The operation of each button or item is described in the following table.

When the system starts in **Advanced Connection Mode.**



When the system starts in **Quick Connection Mode.**



1 **Automatic search**

In Advanced Connection Mode, you can search for available projectors on the network system to which the computer is connected.

In "Quick Connection Mode", you can search for the projector based on the SSID.

2 **Manual search**

In Advanced Connection Mode, you can search for a projector based on a specified IP address or Projector name.

In Quick Connection Mode, you can search for the projector based on the SSID selected from a list.

3 **Status**

The following six icons indicate the status of the detected projectors.

	Standby	Select for connecting.
	Busy	Select for connecting. When you click **Connect**, the computer currently connected is disconnected and your computer is connected.
	Busy (Disable interrupt connection)	Cannot be selected. **Disable interrupt connection** is set on another computer which is already connected.
	Currently in use by another application	The projector's Configuration Menu is open.You can select it after closing the Configuration menu and running the search again.
	Searching	Displayed while running Manual search or Profile.
	Not found.	Displayed when a projector cannot be found as a result of Manual search or Profile.In Quick Connection Mode, you can only select multiple projectors with the same SSID.

4 **Projector name**

The projector's name is displayed.

5 **Disable interrupt connection**

Check the box to prevent an interrupt connection by other computers while connected to the selected projector.

6 **Use multi-display**

Check the box to use the Multi-screen display function. When this is selected, Display layout and Display properties are displayed at the bottom of the screen.

7 **Troubleshooting**

If there is a problem and you cannot have a connection, press this button to open the EasyMP Network Projection Troubleshooting screen.

8 **Connect**

Connect to the projector you selected from the search results list. When a connection is made with a projector, a toolbar is displayed.

9 **Set options**

You can make general setting options such as the processing method when starting up EasyMP Network Projection. For details, see Set options

10 **Save in the profile**

Saves the results of a network projector search as a Profile.

11 **Clear list**

Deletes all search results.

12 **IP address** (Advanced Connection Mode only)

The projector's IP address is displayed.

13 **Display**

Select the number displayed (when **Use multi-display** is selected).

14

Profile

You can search for a projector on the network using a Profile saved using **Save in the profile**.

15 **SSID** (Quick Connection Mode only)

The projector's SSID is displayed.

16 **Signal intensity**

This is displayed when the connection is made in Quick Connection Mode. As the Signal intensity increases, so does the number of lit indicators.

17 **Update list** (Quick Connection Mode only)

Updates Status and Signal intensity.

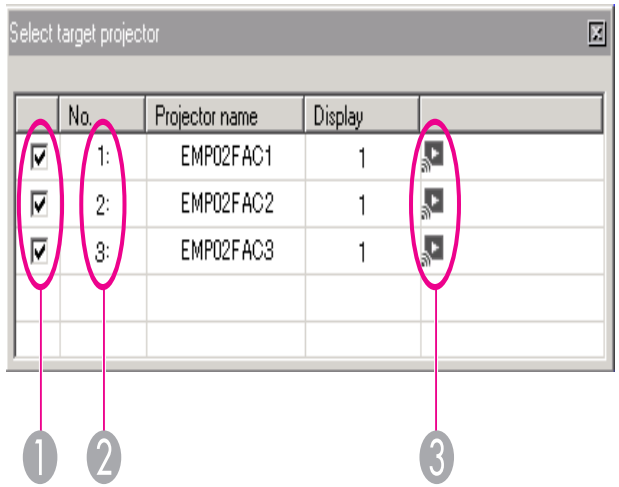
Using the Toolbar

The toolbar is displayed on the computer screen after EasyMP Network Projection starts and a connection is made with the projector. You can use this toolbar to operate and make settings for the projector.

Select target projector

Click to limit the projectors operated from the toolbar when projecting from multiple projectors using the distribution function or Multi-screen display. The indication below the icon shows the projectors that can be controlled.
ALL indicates that all of the connected projectors can be controlled.
For example, when "1, 3" is displayed, projectors No. 1 and No. 3 can be controlled.

Click to display the following screen.



1 Select the projector to be controlled.

2 Indicates the No. of an allocated projector. This No. indicates the No. of the projector that you can control from the toolbar.

3 Indicates the status of the projector.

Stop

Stops projection while connected to the projector. A black screen is projected while stopped. Audio does not stop. To stop the audio, or to display a User's Logo while projection is stopped, use A/V Mute.

Show

Releases Stop or Pause.

Pause

Pauses projected images while connecting to the projector. Audio does not Pause.

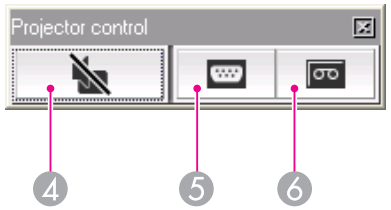
Presentation Mode

Each time this is clicked, Presentation Mode switches between enabled/disabled.

Projector control

While the projector is connected to the network, the projector's A/V Mute, Switch PC source and Switch video source functions can be controlled from both the Remote Control and the projector's Control panel.

Click to display the following toolbar.



A/V Mute

④A/V Mute

The same function as the A/V Mute button on the Remote Control.

☛ See your projector *User's Guide*.

Switch PC source

⑤Switch PC source

The Source alternates between Computer1, Computer2, USB Display, USB1, USB2 and LAN each time you click.

Switch video source

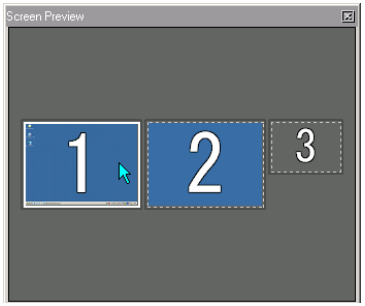
⑥Switch video source

The Source alternates between S-Video, Video, and HDMI each time you click.S-Video does not switch if the cable is not connected.

Screen Preview

Displays the multi-screen preview screen.

Click to display a preview with the settings you have made. Click the displays to enlarge each Screen Preview to full-screen.



Set options

Transmission performance during the transfer of computer images can be adjusted.

Movie Sending Mode

Used to immediately play back a movie file.

Disconnect

Disconnects the connection to the projector.

Signal intensity

This is displayed when a connection is made in Quick Connection Mode. As the Signal intensity increases, so does the number of lit indicators.

Switch toolbar display

The toolbar display is switched as follows. The toolbar display remains as is until switched again.

Full

Normal

Simple

EasyMP Network Projection Functions

This chapter explains those functions that may be useful during meetings or when making a presentation, such as the ability to send a movie file directly to a projector for playback (Movie Sending Mode) or that which allows you to send images to multiple projectors from a single computer (Multi-Screen Display).

Projecting Only a PowerPoint Slide Show (Presentation Mode)

In Presentation Mode, the images are only displayed when performing a PowerPoint Slide Show on a computer.When you stop Slide Show, the projector displays a black screen. This is useful when you only want to display the Slide Show.
In addition to PowerPoint, Keynote is compatible with Presentation Mode for Macintosh.

Procedure

1. **If necessary, select another projector to be controlled.** ☛ p.24
2. **Click the button on the toolbar.**
   Presentation Mode begins.
3. **Click the button again to exit Presentation Mode.**

Projecting Movies from a Computer (Movie Sending Mode)

In Movie Sending Mode, movie files can be sent directly to a projector. As a result, a movie can be projected much more smoothly than when it is being sent from an application running on a PC.

Also, because the audio is sent at the same time as the movie, there is no need for an audio cable between the computer and the projector. You can set to play back selected multiple files repeatedly and in order.

- *Movie Sending Mode is valid for one projector only.*
  It is not possible to apply Movie Sending Mode to more than one projector.
- *Depending on the communication method and the available reception, the image and sound may skip or stall.*

Supported File Types

The file types supported by Movie Sending Mode are listed in the following table.

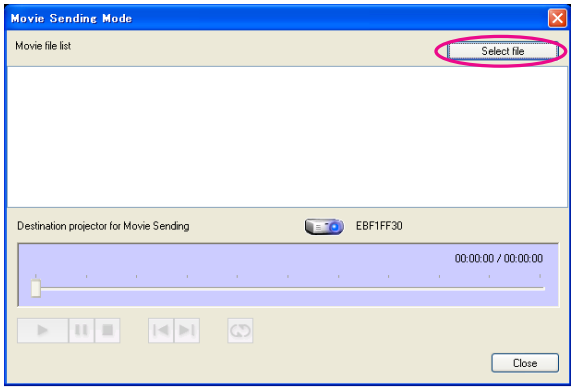
File Type (Extension)	Video Codec	Audio Codec	Recording Quality
.mpg .mpeg	MPEG-2	MPEG-1 Layer1/2 MPEG contents with no sound can be played back. Linear PCM and AC-3 audio cannot be played back.	Highest frame rate: 30 fps Maximum resolution: 720×576
.mp4	MPEG-4 ASP MPEG-4 AVC	MPEG-4 AAC-LC	
.wmv .asf	WMV8 WMV9	WMA	

Files to which DRM (Digital Rights Management) is applied cannot be projected.

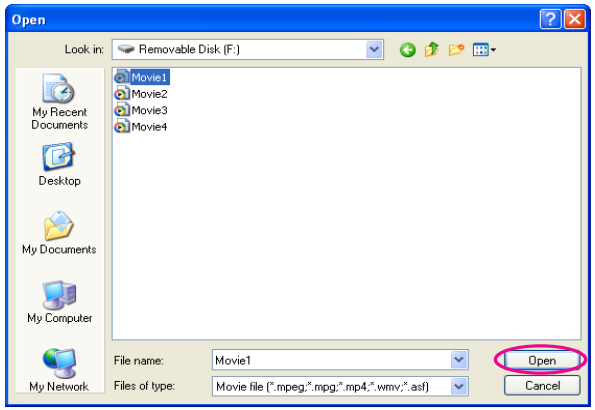
Playing Back a Movie

Procedure

1. **Click the button on the toolbar.**
   The projector selection screen is displayed.
2. **Select the projector you want to use to playback the movie and click "OK".**
   The Movie Sending Mode screen appears.
3. **Click "Select file".**



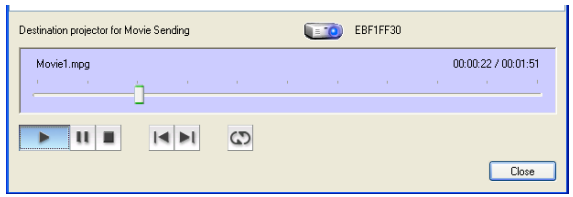
4 Select the movie file you want to play back and then click "Open".



The Movie Sending Mode screen reappears. The selected files are displayed in the Movie file list.

If you perform **Select file** again, the Movie file list changes after you make your selection.

5 Play and stop the movie files from the Movie Sending Mode screen.



Play Back Head

Drag & Drop to the point in the file where you want to start play back.

Play

Plays back the file.

Pause

Pauses play back.

Stop

Stops play back.

Back

Plays back from the beginning of the file that is playing.

Next

Plays back from the beginning of the next file.

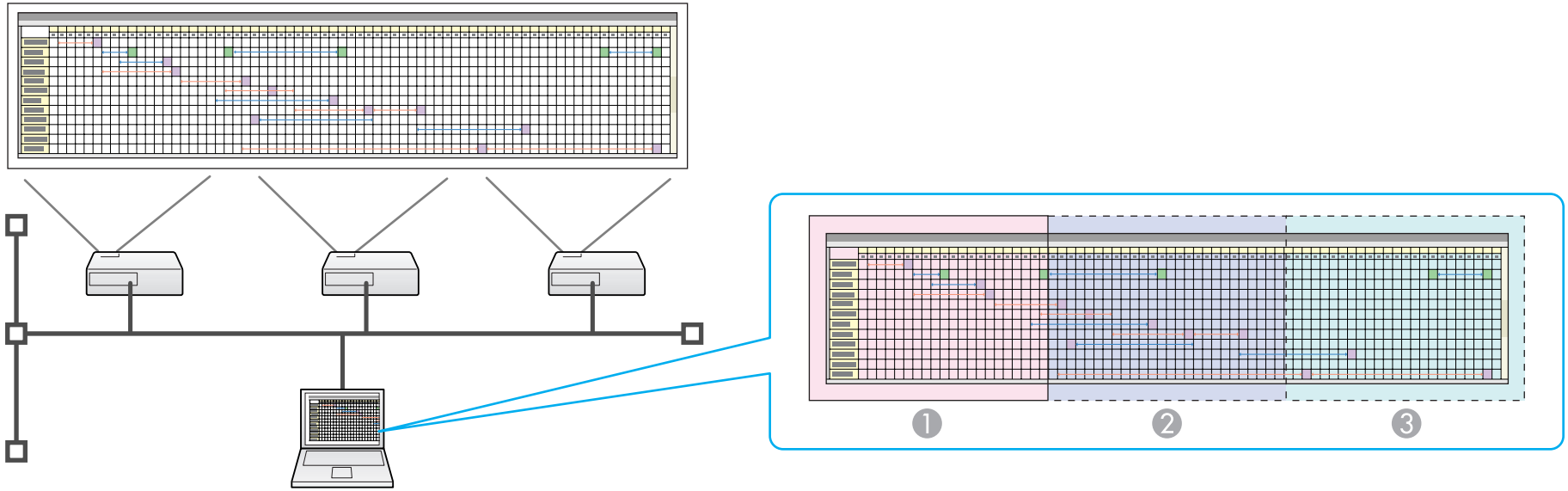
Repeat

Repeatedly plays back the file list in order. When there are multiple files in the list, it is not possible to repeatedly play back only some of those files.

6 Click "Close" to end Movie Sending Mode.

Using Multi-Screen Display

Multi-screen display mode allows you to project different images from multiple projectors that are connected to a single computer.
With Windows, multiple virtual display drivers can be set in the computer, and each image can be projected by the projector. This function is not available with Windows Vista due to restrictions in the Windows Vista specifications.
For Macintosh, an external monitor must be connected to the computer to enable this function. While the following explanation refers to virtual display, for Macintosh the operation relates to the screens displayed on the physically connected monitor.

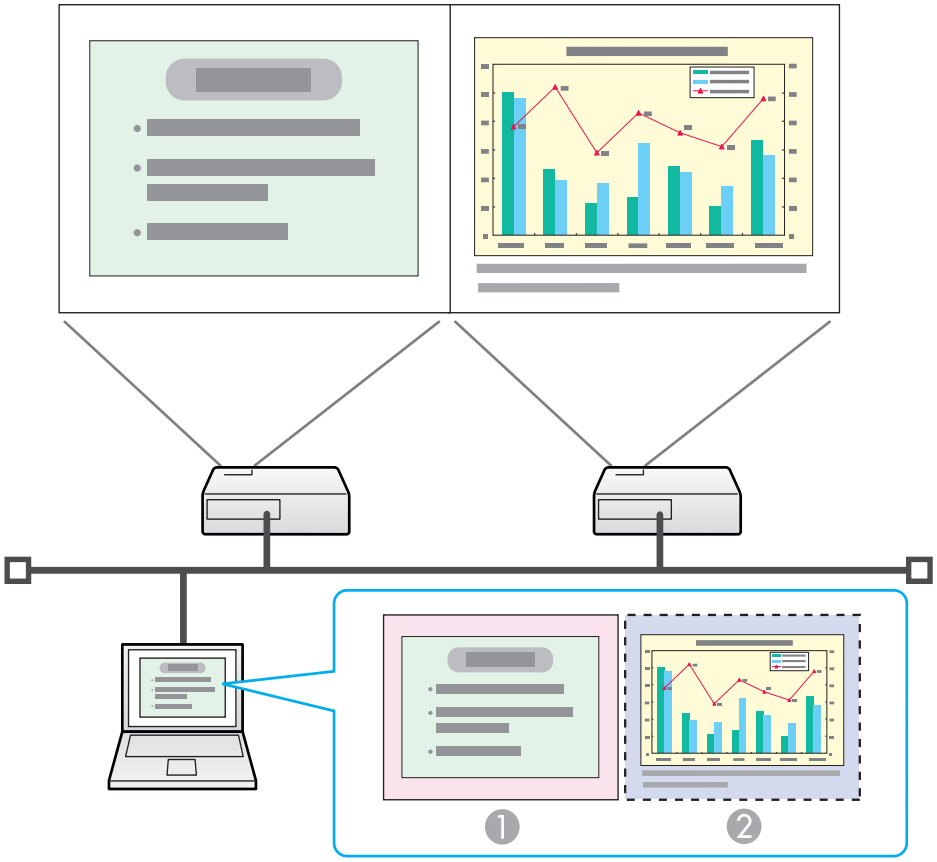


1 Actual monitor image
2 Image of virtual display1
3 Image of virtual display2

Example of Adjusting the Virtual Display

By arranging the virtual display allocation, you can project only the image that you want to show or project different images from left to right in a presentation.

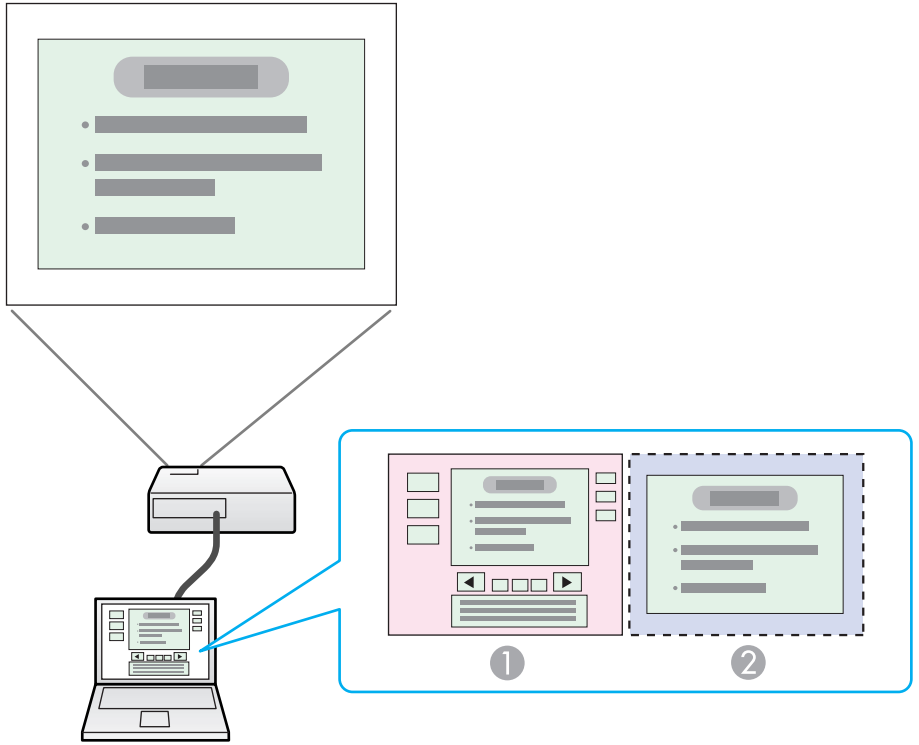
Arrangement example 1



1 **Actual monitor image** PowerPoint file

2 **Image of virtual display** Excel file

Arrangement example 2



1 **Actual monitor image** PowerPoint file presenter tools

2 **Image of virtual display** Slide Show using a PowerPoint file

Procedure Before Using the Multi-screen Display Function

1. **Setting the Virtual Display** ☛ p.33
   In a Windows environment, enable the virtual display driver as necessary. And, for both Windows and Macintosh, set up the virtual display arrangement.
2. **Allocating the image to be projected** ☛ p.37
   Open the file to be projected, and then move the screen to the virtual display according to the actual projection arrangement.
3. **Projecting the allocated images** ☛ p.38
   Allocate a virtual display number to a projector that is connected through the network, and then start projection.

Setting the Virtual Display

This section explains the virtual display for arrangement example 1. ☛ p.32

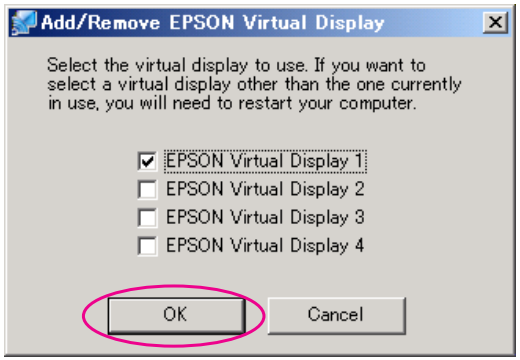
Enable the virtual display driver (Windows only)

Enable the virtual display driver. Those users listed below do not have to perform this operation. Go to procedure ☛ "Adjusting the Virtual Display" p.34.

- Those users who have enabled virtual displays installing EasyMP Network Projection.
- For Macintosh users.

Procedure

1. **Start Windows on the computer, then select "Start" - "Programs" (or "All Programs") - "EPSON Projector" - "Add-Remove EPSON Virtual Display".**
   The Add-Remove EPSON Virtual Display screen is displayed.
2. **Select the virtual display you want to use.**
   Up to four monitors can be added. In this example, a single virtual display is to be used. When setting multiple virtual displays, select as many displays as is necessary.
   Any one of the displays can be selected.
3. **Click "OK".**



When you click **OK**, the drivers for the virtual display are enabled. At this point, it is normal for the display to flicker. Wait for the Add-Remove EPSON Virtual Display screen to close.

Adjusting the Virtual Display

After starting EasyMP Network Projection, the setup of the virtual displays varies between Windows and Macintosh. The procedures are explained separately below.

Check the following points before starting EasyMP Network Projection when connecting via Wireless LAN. If the following points are not set correctly, Multi-screen display cannot be used.

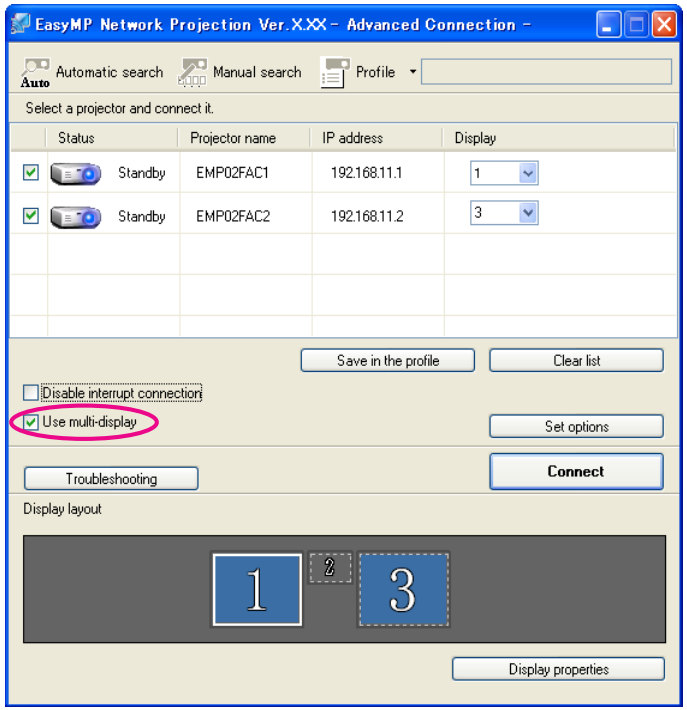
- *The SSID for the computer and each projector must be the same.*
- *The Wireless LAN system for the computer and each projector's Wireless LAN card must be the same.*
  You can modify the SSID and Wireless LAN system for the projector from the Network menu in the projector's Configuration menu.

Procedure

For Windows

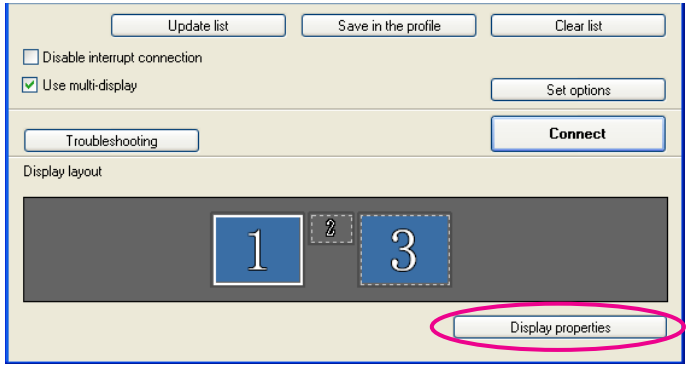
1. **Select "Start" - "Programs" (or "All Programs") - "EPSON Projector" - "EasyMP Network Projection" to start EasyMP Network Projection.**

2. **Select the "Use multi-display" check box.**



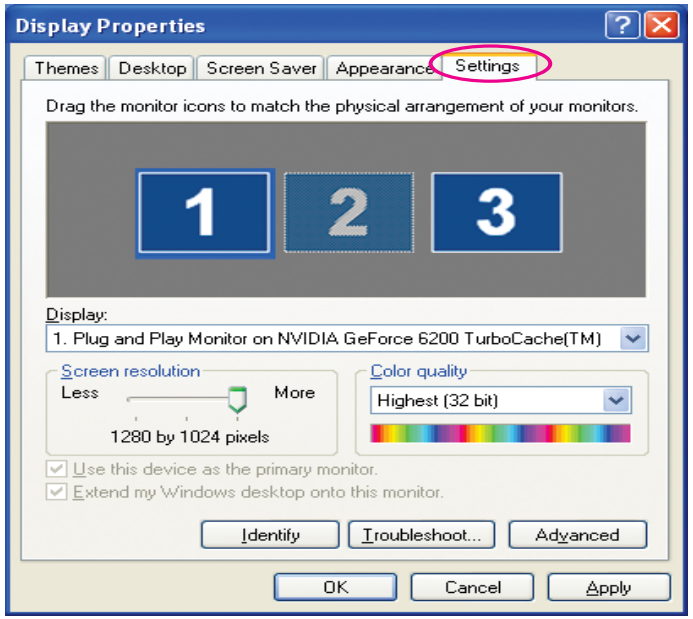
Display layout and Display properties are added at the bottom of the screen.

3 Click "Display properties".



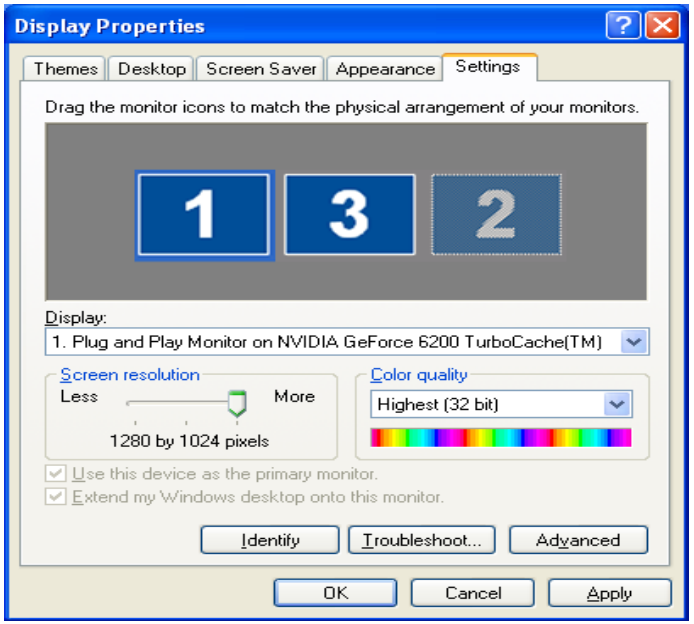
The Display Properties screen is displayed.

4 Click the "Settings" tab.



5 Drag the displayed monitor icon and place it where desired.

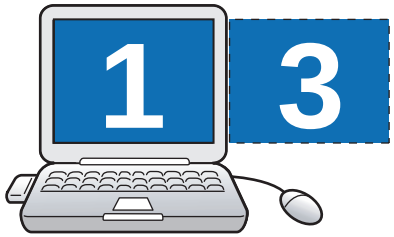
Here, the actual monitor (1) is placed on the left, while the virtual monitor (3) is placed on the right.
When the computer has multiple display output terminals, the numbers assigned to the virtual terminals will be sequential to those of the physical terminals.



- *When an external monitor is connected as a secondary monitor, the image for that screen cannot be projected.*
- *Depending on the hardware, the number of the secondary monitor may be other than "2". When the monitor icon is displayed on the screen, click the icon and confirm that the monitor type shown under "Display" is other than "secondary".*

- *For Screen Resolution settings, see* ☛ *p.79*

When the monitor icon is arranged, a virtual display is connected as the image like below.



6 **Click the "OK" button. The Display Properties screen closes.**

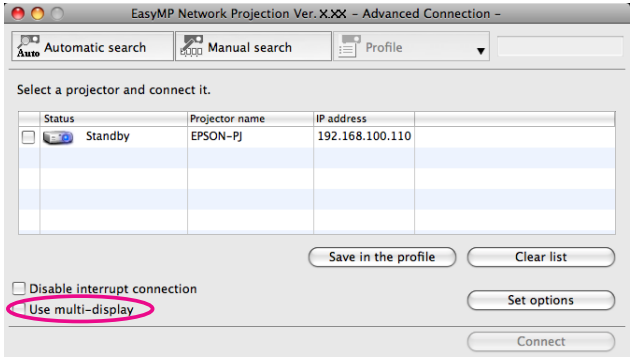
Up to this point, the virtual display layout has been fixed. Allocate the projecting images next.☛ p.37

For Macintosh

1 **Start EasyMP Network Projection. Double-click the Applications folder of the hard drive volume in which EasyMP Network Projection is installed, and then double-click the EasyMP Network Projection icon.**

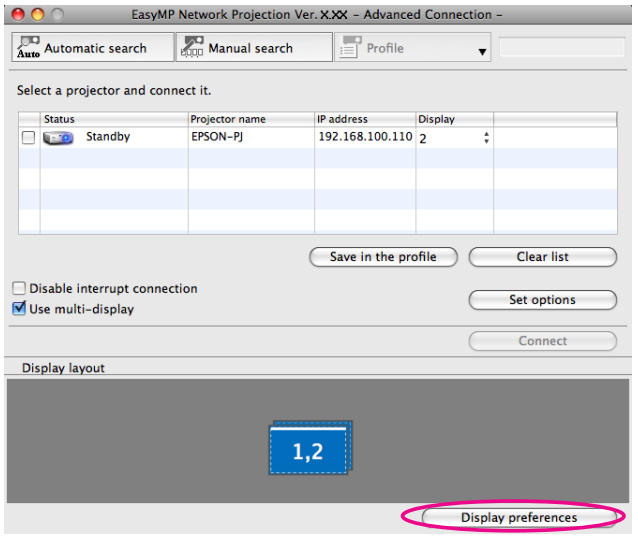
Select **Advanced Connection Mode** and then perform startup.

2 **Select the "Use multi-display" check box.**



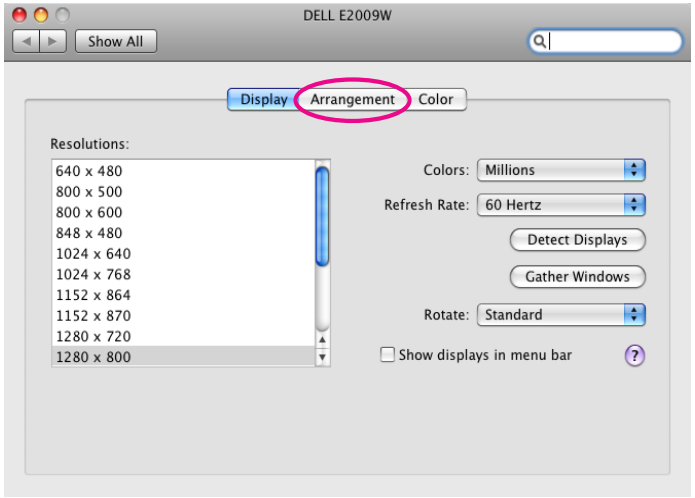
Display layout and Display preferences are added at the bottom of the screen.

3 **Click "Display preferences".**

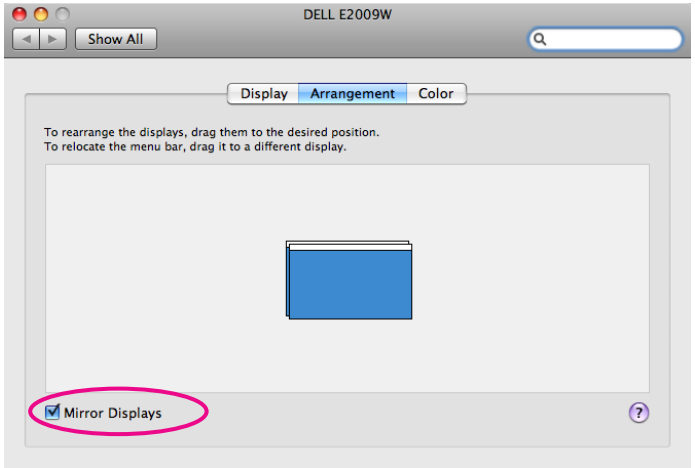


The display setting screen is displayed.

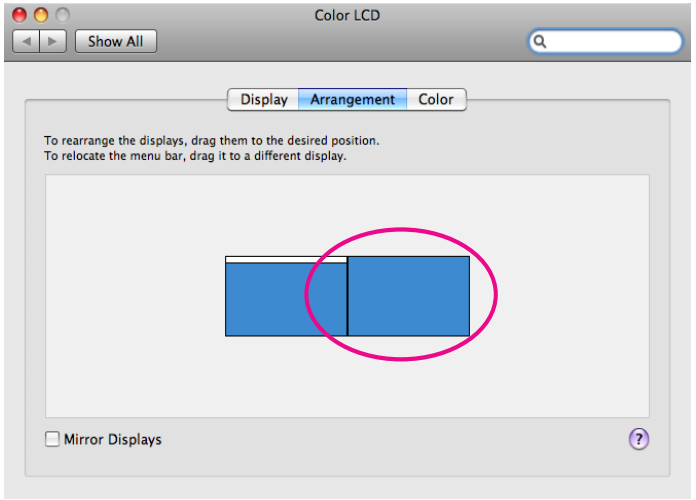
4 **Click "Arrangement".**



5 **Clear "Mirror Displays".**



6 **Drag the displayed monitor icon and place it where desired.**



7 **Close the display setting screen.**

Up to this point, the screen layout has been fixed.

Allocating the Image to be Projected

This section explains the virtual display for arrangement example 1.
☛ p.32

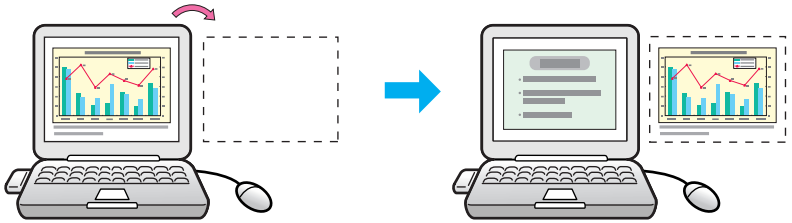
Procedure

1 **Open the file to be projected.**

Start the PowerPoint and Excel files.

2 **Drag the window to the desired virtual display monitor, and allocate it where the image is to be projected.**

Drag the Excel window to the right until it cannot be seen. As a result, the PowerPoint window appears on the actual monitor, while the Excel window appears on the virtual display on the right.

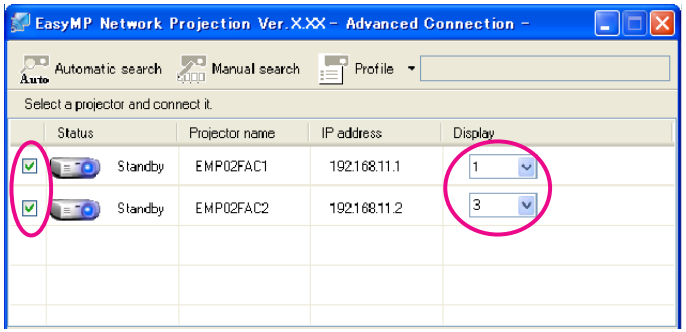


Projecting the Allocated Images

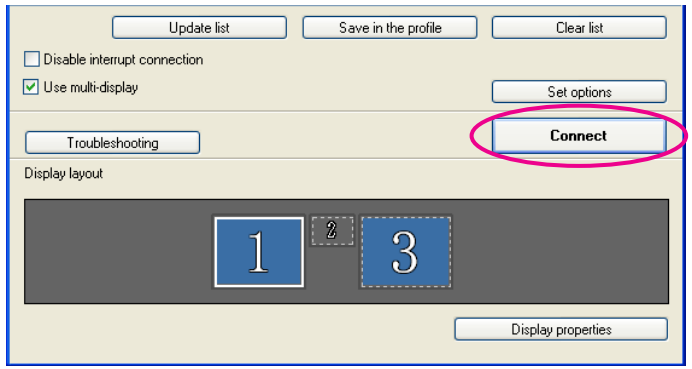
This section explains the virtual display for arrangement example 1.
☛ p.32

Procedure

1 **Select the number of the virtual display to allocate on the "Display", and set which image to be projected from which projector.**



2 **Click "Connect".**



The image allocated to each projector is projected.

In a Windows environment, you cannot view the image being sent to a virtual display on the computer. To adjust the image on the virtual display, you must do so while viewing the projected image. To perform mouse-based operations on the virtual display, move the mouse pointer in the direction of the virtual display, such that the pointer appears on the virtual display.

3 **To terminate multi-screen display, click "Disconnect" on the toolbar.**

- *In a Windows environment, if the virtual display driver has been enabled such that the mouse pointer can be moved outside the limits of the screen, there may be occasions when you lose track of the location of the pointer. When you are not using a virtual display, clear the check mark against the virtual display under Add-Remove EPSON Virtual Display, so that the mouse pointer cannot be moved outside the limits of the screen. To subsequently use multi-display again, place a check mark against the required display under Add-Remove EPSON Virtual Display.*
  To clear a check mark, see the following.☛ *p.33*
- *You can adjust each projector's color tone.*☛ *See your projector User's Guide.*

Connecting to a Projector on a Different Sub-net

This chapter explains how to connect a computer to a projector on a different sub-net via a Wired LAN or a wireless LAN access point on an existing network system.

Connecting to a Projector on a Different Subnet

By default, this application only searches for projectors on the same subnet as the computer. Therefore, even if you perform a search for projectors on the network, projectors on a different subnet will not be found.
You can, however, identify and connect to a projector on a different subnet as follows:

- Specify either an IP address or Projector name and perform a search.

  The IP Address can be input directly. Also, provided the Projector name to be connected has been registered on the DNS server, you can perform a search simply by inputting that Projector name.☛ p.42

- Performing a search based on a Profile

  Once you have performed a search for a projector on a different subnet by specifying either an IP Address or a Projector name, you can save the search as a Profile with an easy-to-remember name, and then use that Profile whenever you subsequently want to search for a projector on a different subnet.☛ p.43

If a search fails to find a projector, the most likely causes are as follows. Proceed as appropriate, depending on the cause of the failure.

- *For both Windows and Macintosh*

  If there is no wireless LAN signal or if the signal is weak, check whether there is anything that could be interfering with the signal.

- *When the optional supplied or optional Wireless LAN unit is installed in the projector, and Macintosh is connected to a Wireless LAN*

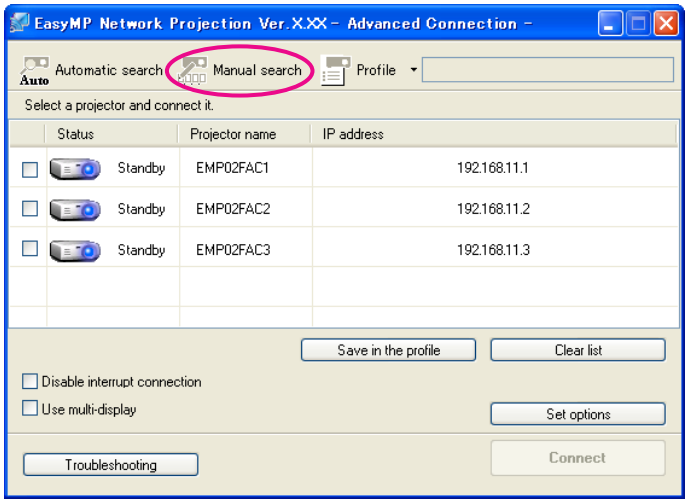
  Check whether AirPort is set to On. Or, check whether an appropriate access point has been selected.

Searching by IP Address and Projector name (Advanced Connection Mode only)

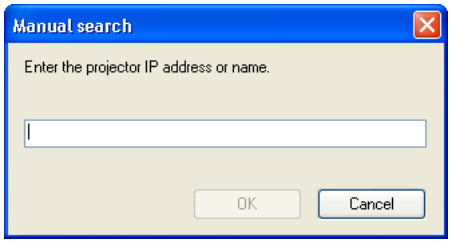
In the following explanations, unless otherwise noted, Windows screen shots are used.
You see the similar screens even when using Macintosh.

Procedure

1 **Click "Manual search" on the EasyMP Network Projection Select a projector screen. Click "Manual search".**



2 **Enter the IP address or the Projector name for the projector you want to connect to, and click "OK".**

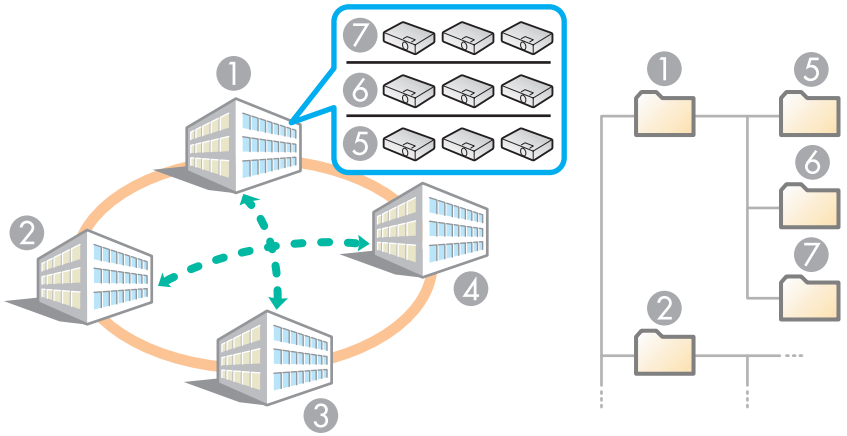


The search results are displayed on the EasyMP Network Projection Select a projector screen.
Provided the target projector has been identified, select that projector, and then click **Connect** to establish a connection.
When you will always be using that projector, save the search as a Profile, so that you do not have to specify the relevant details every time you perform a search. ☛ p.43

When using **Manual search** in Quick Connection Mode, you can specify the SSID. When there are a lot of projectors you can narrow the search field by using SSID.

Performing a Search with a Profile

You can save a search for a frequently used projector as a Profile. A Profile is a file containing all of the information pertaining to a given projector, such as the Projector name, its IP address, and SSID. By specifying the profile each time you perform a search, there is no need to enter the IP Address or Projector name. For example, by creating a group of Profile for each place where a projector is setup and managing them with folders, the target projector can be found quickly.



1	Building A	5	Floor 1
2	Building B	6	Floor 2
3	Building C	7	Floor 3
4	Building D		

This section explains how to create and edit a Profile.

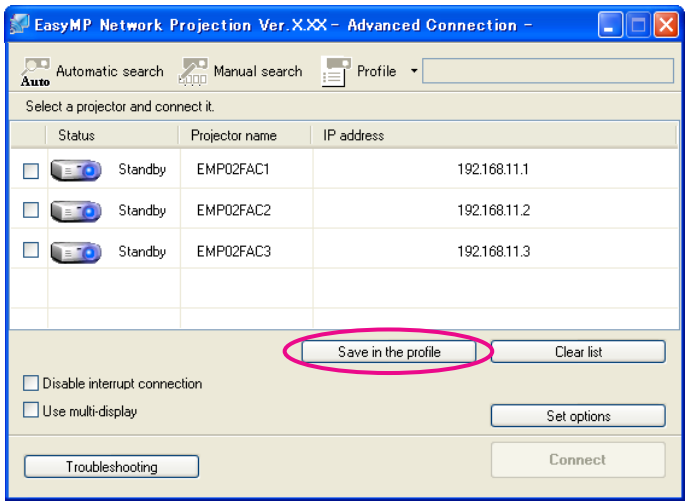
Making a Profile

Profile is made by saving search results.

For details on how to edit a previously saved Profile, see the following section. ☛ p.45

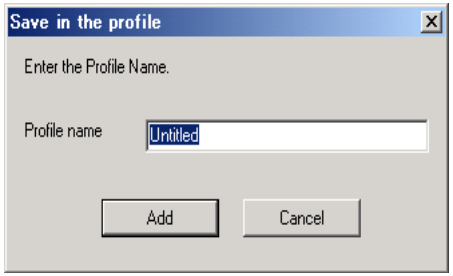
Procedure

1 When the projector is displayed on the EasyMP Network Projection Select a projector screen, click "Save in the profile".



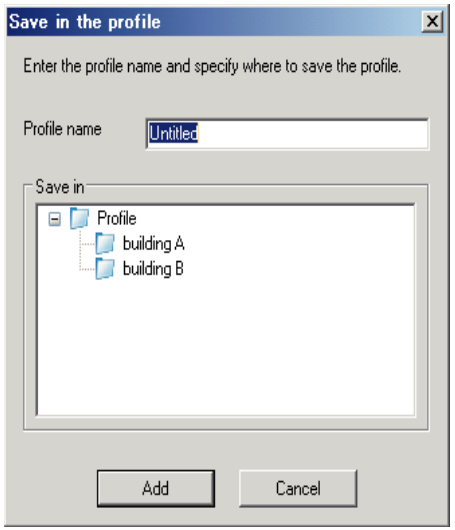
The Save in the profile screen is displayed.

2 **Enter a Profile name and then click "Add".**

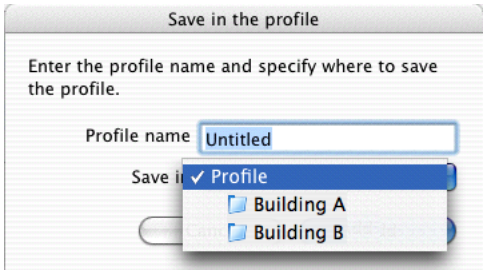


Projector information is registered in the Profile.
If you have previously saved a Profile, you are prompted to confirm whether it can be overwritten. To save a Profile with a different name, select **Save as**. If you have created a folder for a Profile, the following screens are displayed. After entering the Profile name and selecting the **Save in** destination, click **Add**.

For Windows



For Macintosh



For details on how to create a folder for a Profile, see the following section.☛ p.45

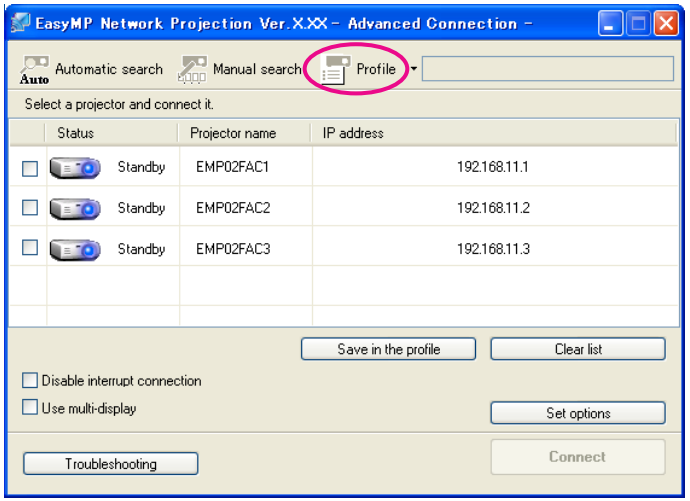
Searching by Specifying a Profile

You can search by specifying the Profile you created.

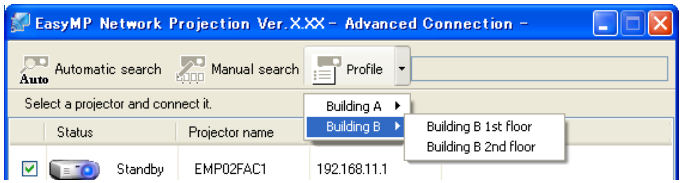
Procedure

1 Click "Profile" on the EasyMP Network Projection projector selection screen.

If no Profile is registered, you cannot select **Profile**.



2 From the menu that is displayed, select the projector you want to connect to.



The search results are displayed on the EasyMP Network Projection Select a projector screen.
Provided the target projector has been identified, select that projector, and then click **Connect** to establish a connection.

Managing a Profile

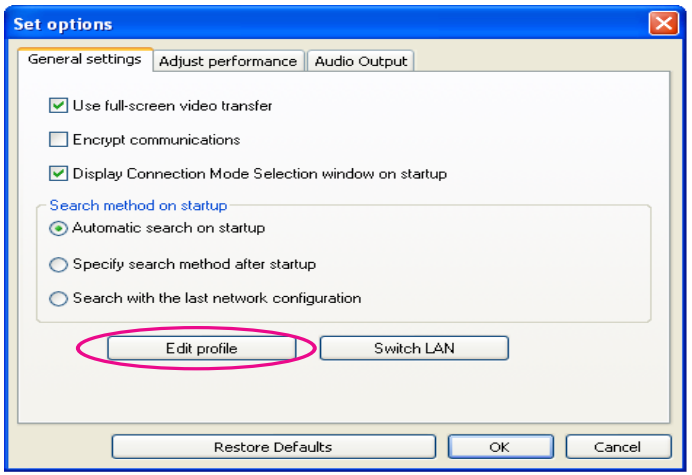
You can change the name and the hierarchical structure of the Profile.

Procedure

1 Click "Set options" on the EasyMP Network Projection main screen.

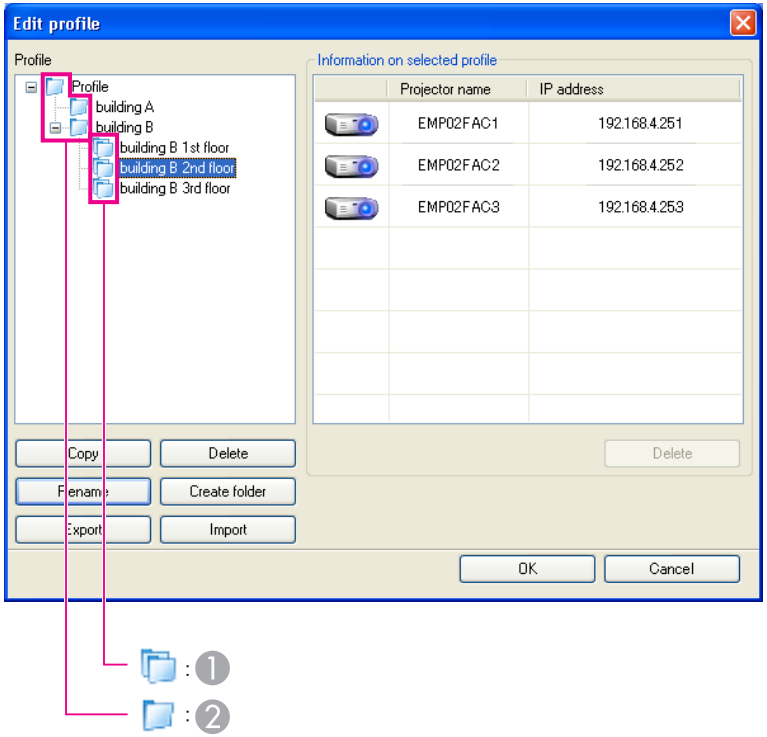
The Set options screen is displayed.

2 Click "Edit profile".



The Edit profile screen is displayed.

3 Edit the contents registered in the Profile.



1 :Indicates a folder.

2 :Indicates a Profile.

Profile	
Item	**Function**
Profile	You can display the registered Profile. You can manage it by creating a folder.You can change the order of the Profile or the folder by dragging & dropping.

Profile	
Item	**Function**
Copy	You can copy the Profile. The copied Profile is saved in the same folder as the original with the same name.
Delete	You can delete the Profile and the folder.
Rename	You can display the Rename dialog box and rename the folder or the Profile.You can enter up to 32 characters in the Rename dialog box.
Create folder	You can create a new folder.
Export	You can Export a Profile, as well as Import and use a Profile.
Import	Used when you want to read and use an exported Profile.

Information on selected profile	
Item	**Function**
Projector name, IP address	You can display the projector information registered in the Profile.
Delete	You can delete the information for the selected projector. When all projector information is deleted, the profile is also deleted.

4 Click "OK".

Saves your edits and closes the Edit profile screen.

Selecting EasyMP Network Projection Options

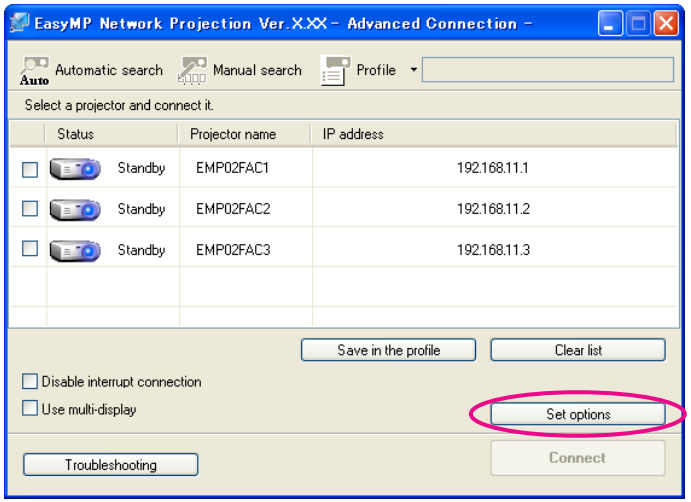
You can make setting options such as the processing method when EasyMP Network Projection starts.

Using Set options

You can make setting options such as the processing method when EasyMP Network Projection starts.
Call Set options from the EasyMP Network Projection main screen.

Procedure

1 Click "Set options" on the EasyMP Network Projection main screen.



The Set options screen is displayed.

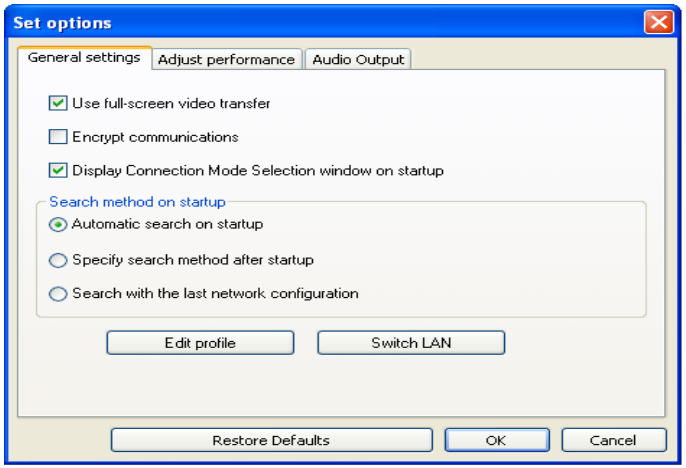
2 Set each of the items.

Confirm the details of the set items in the next step. When you have made all the necessary settings, click **OK** to close the Set options screen.

Setting Each Item

Set each item from the General settings tab, the Adjust performance tab, and the Audio Output tab.

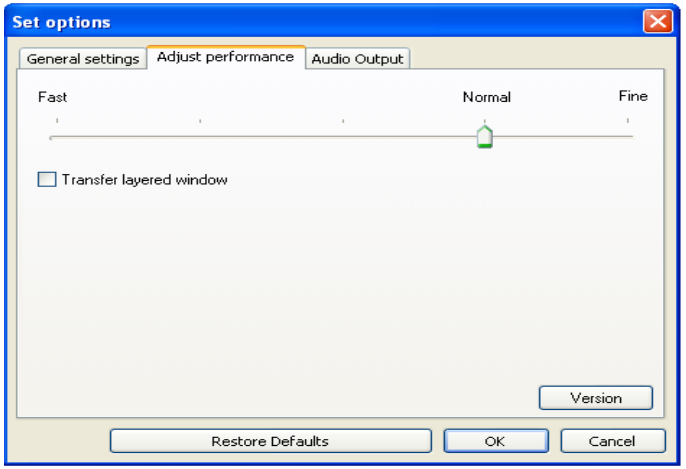
General settings tab



Use full-screen video transfer	Windows only (excluding Windows Vista) Select this check box when you want to display Windows Media Player in full screen. However, clear this check box if the movie does not play back smoothly.
Encrypt communications	Select to Encrypt and transmit data. Even if data is intercepted, it cannot be decrypted. When using Quick Connection Mode, make sure you always select this check box.

Display Connection Mode Selection window on startup	Set whether or not the Quick Connection Mode/Advanced Connection Mode screen is displayed when EasyMP Network Projection starts. Clear this check box once you have settled on a regular startup method.
Search method on startup	Select from the following projector search methods executed when EasyMP Network Projection is started. **Automatic search on startup** **Specify search method after startup** **Search with the last network configuration**
Edit profile	The Edit profile dialog box is displayed.☛ p.45
Switch LAN	Windows only The Switch Network Adapter dialog box is displayed. This is used when it is necessary to switch the network adapter to be used for a search when a computer has multiple adapters. By default, all of the network adapters are used to perform a search. When a Wired LAN is always used as the connection method, select a Wired LAN adapter.
Restore Defaults	You can reset all adjustment values on the General settings tab to their default settings, except for Edit profile and Switch LAN.

Adjust performance tab

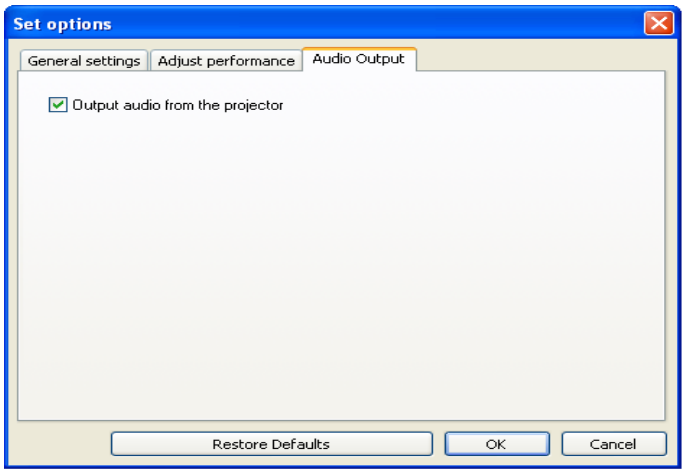


Performance adjustment slider	The performance can be set to **Fast**, **Normal**, and **Fine**. Set to **Fast** when movie projections are interrupted.
Transfer layered window	Windows only (excluding Windows Vista) Set whether or not to transfer a layered window. The layered window is in use when contents such as messages displayed on the computer are not projected by the projector. Select this check box to project contents such as messages that use the layered window. Clear this check box if you do not want the mouse pointer to flicker on the screen.

Restore Defaults	You can reset all adjustment values for the Adjust performance tab functions to their default settings.

When you click on the toolbar, only the Adjust performance tab is displayed.

Audio Output tab



Output audio from the projector	Set whether or not to transfer the computer's audio to the projector and output. Clear to output audio from the computer. However, when projecting a movie with audio in Movie Sending Mode, audio is output from the projector regardless of this item's setting.
Restore Defaults	Click to set the audio to output from the projector.

Using a Computer to Set Up, Monitor, and Control Projectors

This chapter explains how to use a computer that is connected to the network to change projector settings and to control the projector.

Changing Settings Using a Web Browser (Web Control)

You can set up and control the projector from a computer by using the Web browser of a computer that is connected to the projector via a network. Setup and control operations can be performed remotely if this function is used. In addition, since you can use the computer's keyboard, entering characters required for the setup is easier.
Use Microsoft Internet Explorer 6.0 or later as the Web browser.If using a Macintosh, you can also use Safari. If, however, you are using Safari under Mac OS X 10.2.8, some of the Web control radio buttons may not display properly.

Setup and control with a Web browser are possible if **Network On** is set from the **Extended** menu of the projector's Configuration Menu, even if the projector is in **Standby Mode** (when the power is off).

Displaying Web Control

Use the following procedure to display Web Control.

If your Web browser is set up to connect via a proxy server, Web Control cannot be displayed. To use Web Control, you need to make network connection settings with a device other than a proxy server.

Entering the IP address of the projector

Web Control can be opened by specifying the IP address of the projector as follows when using Advanced Connection Mode.

Procedure

1. **Start the Web browser on the computer.**
2. **Enter the IP address of the projector in the address input box of the Web browser, and press the Enter key on the computer's keyboard.**

   Web Control is displayed.

   When Web Control Password is set in the Network menu from the projector's Configuration Menu, enter the Password. Enter EPSONWEB as the User name. Enter the character set for the Web Control Password as the password.

Projector Setup

You can set items that are usually set in the projector's Configuration Menu. The contents set are reflected in the Configuration Menu. There are also items that can only be set in the Web browser.

Items in the Configuration menu that cannot be set by the web browser

All items in the Configuration Menu can be set with the exception of the following items.

- Settings Menu - Pointer Shape
- Settings Menu - Test Pattern
- Settings Menu - User Button
- Extended Menu - registering User's Logo
- Extended Menu - Language
- Extended Menu - Operation - High Altitude Mode
- Extended Menu - Operation - Lens Cover Timer
- Reset Menu - Reset All, and Reset Lamp Hours

The items available on each menu are the same as the Configuration Menu of the projector.
☛ See your projector *User's Guide*.

Items that can only be set in the Web browser

The following items can only be set in a Web browser.

- SNMP Community Name
- Monitor Password

Using the Mail Notification Function to Report Problems

By setting the Mail Notification function from the projector's Configuration Menu, notification messages will be sent to the preset email addresses when a problem or warning occurs with a projector. This will enable the operator to be notified of problems with projectors even at locations away from the projectors.

☛ See your projector *User's Guide*.

- *Up to a maximum of three notification destinations (Addresses) can be recorded, and notification messages can be sent to all three destinations at once.*
- *If a projector develops a critical problem and suddenly stops working, it may not be able to send a message notifying an operator of the problem.*
- *Monitoring is possible if* ***Network On*** *is set from the* ***Extended*** *menu of the projector's Configuration Menu, even if the projector is in* ***Standby Mode*** *(when the power is off).*

Management Using SNMP

By setting SNMP from the projector's Configuration Menu, notification messages are sent to preset e-mail addresses when a problem or warning occurs with a projector. This is useful when controlling projectors collectively at a point distant from them.

☛ See your projector *User's Guide*.

- *SNMP should be managed by a network administrator or someone who is familiar with the network.*
- *To use the SNMP function to monitor the projector, you need to install the SNMP manager program on your computer.*
- *The managing function using SNMP cannot be used via Wireless LAN in Quick Connection Mode.*
- *Up to two destination IP addresses can be saved.*

Projecting PC Free Presentations

This chapter explains how to directly project image and movie files stored on USB devices, and scenarios created with EasyMP Slide Converter, using PC Free.

Files that can be Projected Using PC Free

You can use PC Free to directly project files stored in USB storage devices and digital cameras that are connected to the projector.

USB storage devices that incorporate security functions sometimes cannot be used.

Specifications for Files that can be Projected Using PC Free

Type	File Type (Extension)	Notes
Scenario file	.fse .sit*	These are scenario files created using EasyMP Slide Converter.
Image	.jpg	The following cannot be projected. • Images with a resolution greater than 8192 x 8192 • Images with a file size greater than 12 MB • Files with the extension ".jpeg" • CMYK color mode formats • Progressive formats Normally, the image may not be projected clearly if compression is set too high.
	.bmp	Cannot project images with a resolution greater than 1024 x 768.
	.gif	• Cannot project images with a resolution greater than 1024 x 768. • Cannot project animated GIFs.
	.png	Cannot project images with a resolution greater than 1024 x 768.
DPOF	.mrk	For DPOF version 1.10, only files named AUTPLAYx.mrk (where x is a number between 0 to 9) can be projected.

* You can also project scenarios (SIT files) created using the EMP SlideMaker/EMP SlideMaker2 supplied for other projectors.

Supported movie files

File Type (Extension)	Movie Codec	Audio Codec	Recording Quality
.mpg*	MPEG-2	MPEG-1 Layer1/2 MPEG contents with no sound can be played back. Linear PCM and AC-3 audio cannot be played back.	Highest frame rate: 30 fps Maximum resolution: 720 x 480 (NTSC) 720 x 576 (PAL)
.mp4*	MPEG-4 ASP MPEG-4 AVC	MPEG-4 AAC-LC	
.wmv .asf	WMV8 WMV9	WMA	

* Files with the extension .mpeg cannot be projected.

- *Files to which DRM (Digital Rights Management) is applied cannot be projected.*
- *If you use a USB storage device with a slow access speed when playing back movies (when transmitting at higher bit rates), the movie files may not play back correctly or the sound may skip or not be output.*
- *When using a USB hard disk, we recommend using an AC adapter power supply.*
- *The projector does not support media formatted on some file systems. If you have trouble when projecting, use media formatted under Windows.*
- *Format the media using the FAT16/32 file system.*

PC Free Examples

Projecting images and movies stored on USB storage and other devices

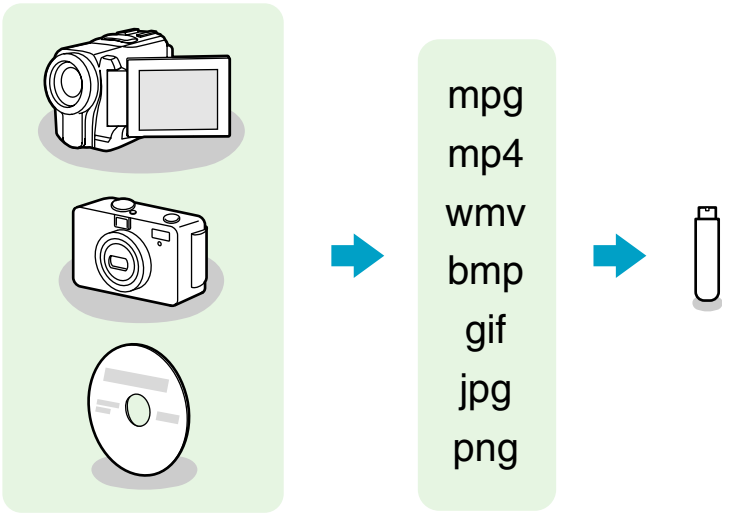


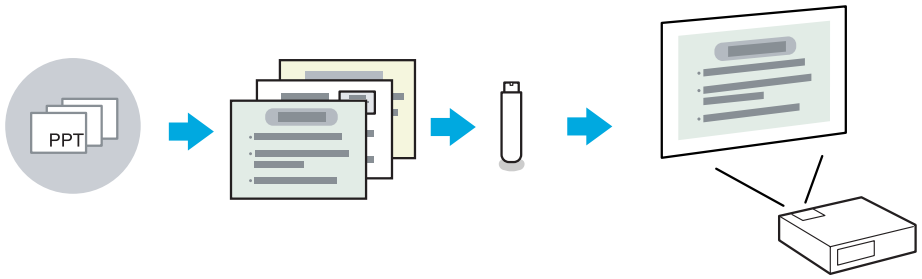
Image and movie files can be played back using either of the following two methods. By using PC Free, projected movies look much smoother than those projected by playing back using other applications on a computer.

Example 1: Prepare multiple images and project them continuously (Slideshow)☛ p.67

Example 2: Select image files and movie files one at a time and project ☛ p.66

Projecting a PowerPoint Slide Show without connecting to a computer

You can use EasyMP Slide Converter to convert your PowerPoint file into scenario format. By storing this scenario file on a USB storage device, you can project a PowerPoint Slide Show without connecting a computer.



The playback method for the file to be projected can be set as follows during conversion.

Example 1: Convert a PowerPoint file into a scenario and project
☛ "Converting PowerPoint Files to Scenarios" p.71
☛ "Projecting Scenarios" p.63

Example 2: Set scenario to automatic playback (AutoRun)
☛ "Converting PowerPoint Files to Scenarios" p.71

PC Free Basic Operations

PC Free lets you play back and project scenarios, images, and movie files stored in USB storage devices, and image files in digital cameras.
This section explains the basic operations for PC Free.

Although the following steps are explained based on the Remote Control, you can perform the same operations form the projector's Control panel.

Starting and Closing PC Free

Starting PC Free

Procedure

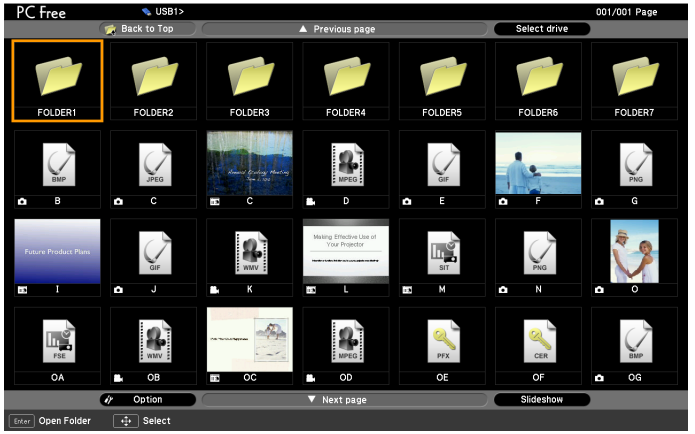
1. **Switch the projected image to USB1.**

   ☛ See your projector *User's Guide*.

2. **Connect the USB storage device or digital camera to the projector.**

   ☛ See your projector *User's Guide*.

3. **PC Free starts and the file list screen is displayed.**

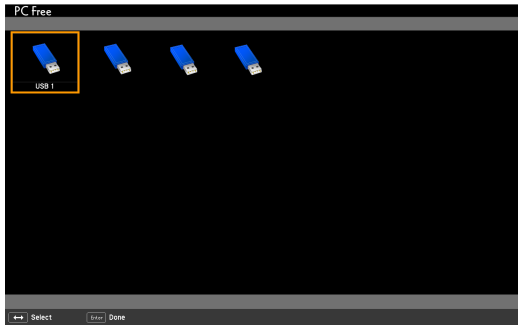


JPEG files and MPEG files are displayed as thumbnails (file contents are displayed as small images). Scenarios (FSE files and SIT files) are displayed as thumbnails as the first image in the slide. Other files or folders are displayed as icons as shown in the following table.

Icon	File	Icon	File
FSE	FSE files*	DPOF	Format for digital camera
SIT	SIT files*	MPEG	MPEG files
JPEG	JPEG files*	WMV	WMV files
BMP	BMP files	PFX	PFX files (client certificate)
GIF	GIF files	CER	CER files (CA certificate)
PNG	PNG files		

* When it cannot be displayed as a thumbnail, it is displayed as an icon.

- *When AutoRun is set for a scenario, it is automatically played back with the highest priority over other input sources. If you want to stop it from playing back, press the Esc button on the remote control.*
- *You can also connect a memory card to the projector by loading it in a USB card reader. However, some card readers may not be compatible.*
- *When the following screen (Select drive screen) is displayed, press the [ ][ ][ ][ ] buttons to select the drive you want to use, and then press the Enter button.*



- *To display the Select drive screen, position the cursor on **Select drive** in the top half of the file list screen, and then press the Enter button.*
- *The projector can recognize up to eight drives at a time.*

Closing PC Free

Procedure

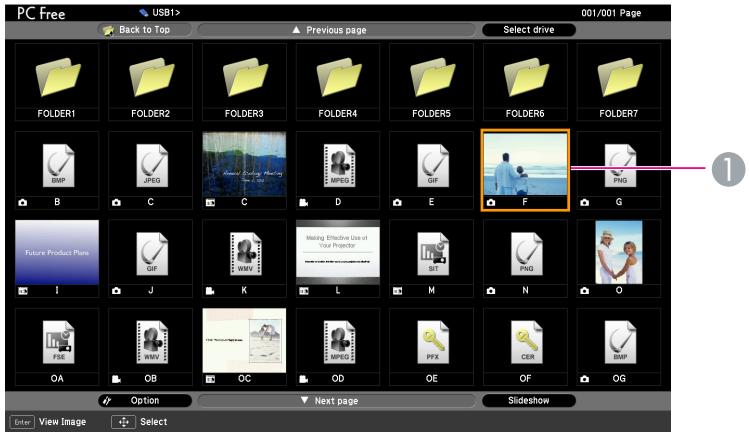
To close PC Free, disconnect the USB device from the USB1 port on the projector. For digital cameras, hard disks, and so on, turn off the power to the device and then disconnect.

PC Free Basic Operations

The following describes the procedures for playing images, movies, and scenarios, using PC Free, and projection operations.

Procedure

1 **Use the [▲][▼][◀][▶] buttons to position the cursor on the file or folder you want to access.**



1 Cursor

If all files and folders cannot be displayed at the same time in the current window, press the Page (Down) button or position the cursor on **Next page** at the bottom of the screen and press the Enter button.
To return to the previous screen, press the Page (Up) button or position the cursor on **Previous page** at the top of the screen and press the Enter button.

2 **Press Enter.**

The selected image is displayed.
When a folder is selected, the files in the selected folder are displayed. Select **Back to Top** and press the Enter button to return to the screen displayed before the folder was opened.

Rotating the Image

You can rotate JPEG images in 90° increments when playing them with PC Free. The rotating function is also available during the Slideshow.

Rotate JPEG images in the following way.

Procedure

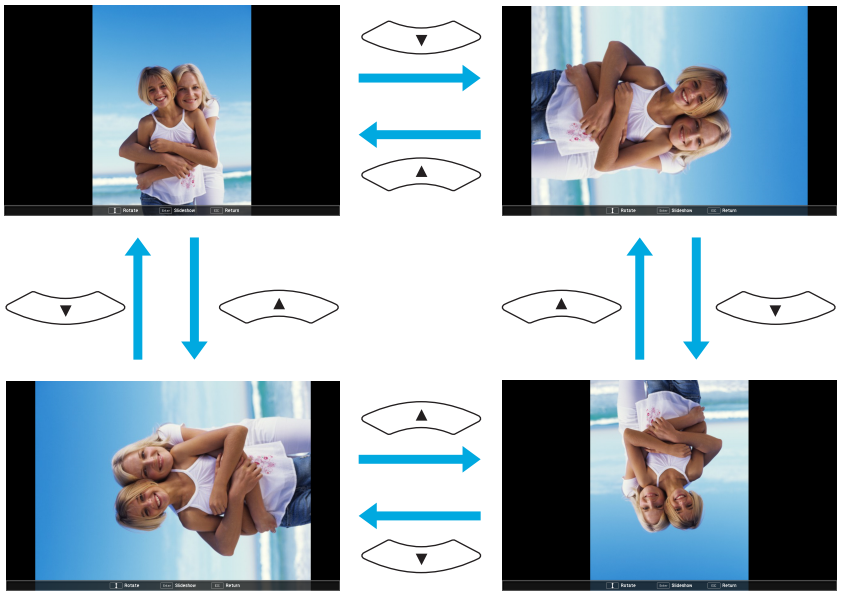
1 **Play images or scenarios in JPEG format, or perform a Slideshow.**

To play JPEG images ☛ p.66

To play scenarios ☛ p.64

To play Slideshow ☛ p.67

2 **While projecting a JPEG image, press the [▲] or the [▼] button.**



Projecting Scenarios

This section describes the method for playing scenarios stored in a USB storage device, and the operations during scenario playback.

Although the following steps are explained based on the Remote Control, you can perform the same operations form the projector's Control panel.

Creating and Editing a Scenario

Create the scenario beforehand by using EasyMP Slide Converter, and then transfer it to the USB storage device.☛ p.69

Basic SIT file editing

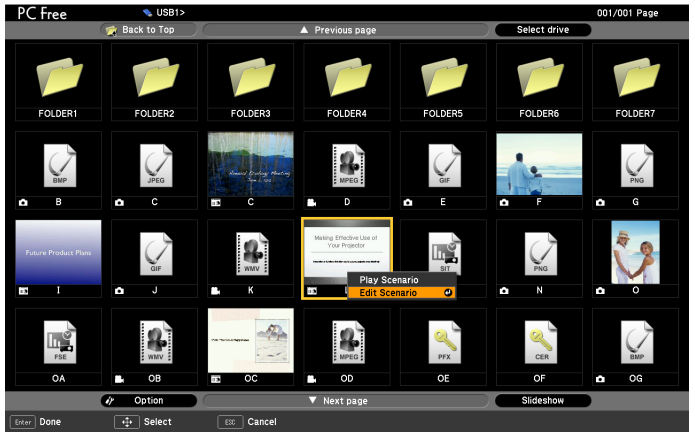
For SIT files converted via EasyMP Slide Converter basic conversion , it is possible to change the order in which images are projected, and set whether or not to display individual images.

Basic editing cannot be performed for FSE files.

Procedure

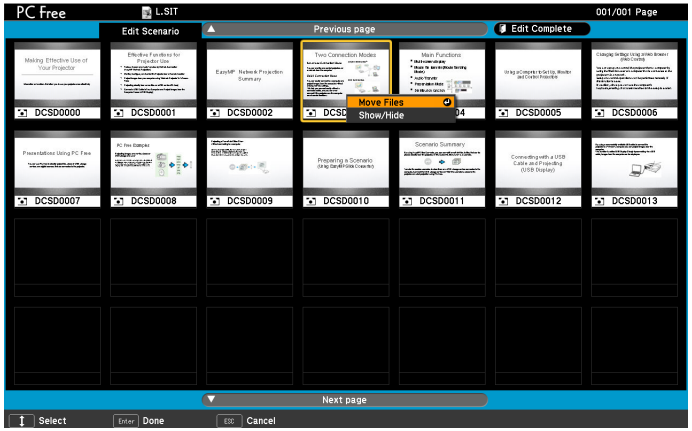
1 Press the [▲][▼][◀][▶] buttons to position the cursor over the SIT file you want to edit and press the Esc button.

2 Select " Edit Scenario" from the menu displayed, then press the Enter button.

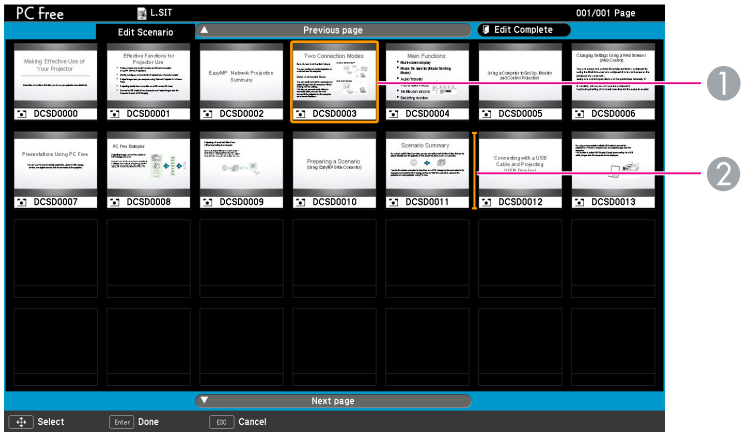


3 Position the cursor on the desired slide, and then press the Esc button.

The sub menu is displayed.
Select **Move Files** to change the order of the slides, and **Show/Hide** to show or hide files, then press the Enter button.
Go to step 4 when you select Move Files.
Go to step 5 when you select Show/Hide.



4 Move the cursor to the desired position, and then press the Enter button.



1 The Slide to move
2 The cursor at the target destination

5 When you have finished editing, position the cursor over " Edit Complete" at the top of the screen, and then press the Enter button.

The edited content can only be accessed while the USB storage device is connected to the projector.

Playing a Scenario

Procedure

1 Start PC Free.☛ p.60

The file list screen is displayed.

2 **Use the [▲][▼][◄][►] buttons to position the cursor on the target scenario.**

3 **Press the Enter button.**

Starts playback.

- *You can rotate JPEG format images in the scenario while they are being projected.* ☛ *p.62*
- *The movie files that are included in scenarios can be fast-forwarded, rewound and paused during playback.* ☛ *p.66*

Operating a Presentation

The following operations are possible using the remote control while playing a scenario.

Screen Switching	• For FSE files Page (Down)/▼: Next Slide Page (Up)/▲: Previous Slide Enter/►: Next Slide or object ◄: Previous Slide or object • For SIT files Enter/Page (Down)/►: Next Slide or object Page (Up)/◄: Previous Slide or object
Stopping Playing	The message "**Do you want to quit playing the scenario?**" is displayed when you press the Esc button. Close by selecting **Exit** and pressing the Enter button. Continue playback by selecting **ESC** and pressing the Enter button.

The following projector functions can be used when projecting a scenario or image file with PC Free.

- Freeze
- A/V Mute
- E-Zoom

Projecting Image and Movie Files

Image and movie files stored on a USB storage device and image files on a digital camera can be projected using PC Free by either of the following two methods.

- Projecting Selected Image and Movie Files

  This is a function for projecting single files.

- Projecting all image and movie files in a folder in sequence (Slideshow)

  This is a function for projecting the file contents of a folder in order, one file at a time.

Caution

The USB storage device is accessed frequently when playing back movie files. Do not disconnect the USB storage device at this time. PC Free may not operate correctly.

Although the following steps are explained based on the Remote Control, you can perform the same operations form the projector's Control panel.

Projecting Movies and Images

Procedure

1 Start PC Free. ☛ p.60

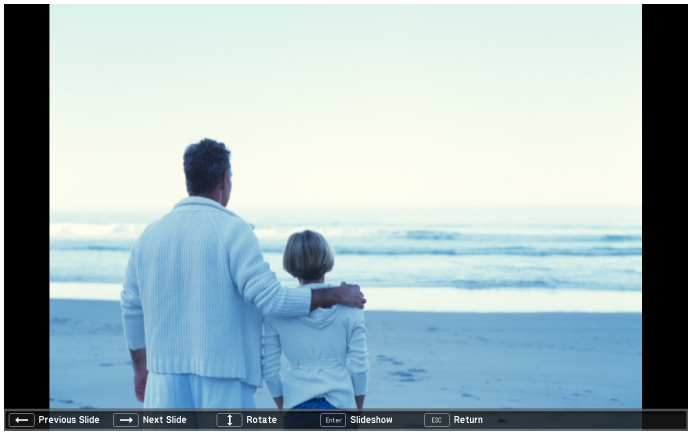
The file list screen is displayed.

2 Use the [◁▷][△▽][◁][▷] buttons to position the cursor on the image file or movie file to be projected.

1 Image file

3 Press Enter.

The image or movie starts to play back.



4 The following operation returns you to the file list.

- While projecting still images: Press the Esc button.
- While projecting movies: Press the Esc button. On the screen that is displayed, select Exit, and then press the Enter button.

- *JPEG format images can be rotated during projection.*☛ *p.62*
- *You can make the following operations using the remote control while playing movie files.*
  Fast-forward: Press the [ ] button
  Rewind: Press the [ ] button
  Freeze (Pause): Press the [ ] button
  Three fast-forward/rewind speeds are available, and the speed changes each time the button is pressed.
  To return to normal playback, press the Enter button.
  Audio is not output while fast-forwarding, rewinding, or pausing are in progress.

Projecting all Image and Movie Files in a Folder in Sequence (Slideshow)

You can project the image and movie files in a folder in sequence, one at a time. This function is called Slideshow. Perform the Slideshow by the following procedure.

You can set display conditions, such as projecting repeatedly and adding display effects while files are being switched.To change movie and image files automatically when you run Slideshow, set the Screen switching time in the PC Free Option menu to anything other than **No**. The default setting is **No**.☛ p.68

Procedure

1. **Start PC Free.**☛ **p.60**

   The file list screen is displayed.

2. **Use the [ ][ ][ ][ ] buttons to position the cursor over the folder for the Slideshow that you want to run and press Enter.**

3. **Select Slideshow from the file list screen, and then press the Enter button.**

   The Slideshow starts and the image and movie files in the folder are automatically projected in sequence, one at a time.

   When the last file is projected, the file list screen is automatically displayed again.If you set **Continuous Play** to **On** from the Option screen, projection starts again from the beginning when it reaches the end.☛ p.68

   Just as with a scenario, you can proceed to the next screen, return to the previous screen, or stop playback during projection of a Slideshow.☛ "Operating a Presentation" p.65

If the Screen switching time setting on the Option screen is set to **No**, files do not change automatically when you start a Slideshow. Press the Enter button or the Page (Down) button on the Remote Control to continue to the next file.

Setting File Display Conditions and Slideshow Operations

You can set the file display order and the Slideshow operations on the Option screen.

Procedure

1 Position the cursor on "Option" at the bottom of the file list screen, and then press the Enter button.

2 When the Option screen is displayed, set each of the items.

Enable settings by positioning the cursor on the target item and pressing the Enter button.

Details of the items are given below.

Display order	You can set the order of the files to be displayed. You can select sorting of the files into either **Name order** or **Date order**.
Continuous Play	You can determine whether to repeat the Slideshow.
Screen switching time	You can set the time for a single file to be displayed when playing a Slideshow. You can set a time between No (0) and 60 Seconds. When you set **No**, auto play is disabled.
Effect	You can set the screen effects when changing slides.

3 Use the [▲][▼][◀][▶] buttons to position the cursor over "OK" and press Enter.

The settings are applied.

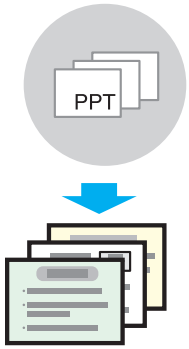
If you do not want to apply the settings, position the cursor on **Cancel** and press the Enter button.

Preparing a Scenario (Using EasyMP Slide Converter)

This chapter explains how to convert a PowerPoint file to a scenario, and how to transfer to a USB storage device.

Scenario Summary

By using EasyMP Slide Converter, you can convert PowerPoint files to files that can be played directly from the projector without needing to connect a computer. In this Guide these files are known as scenarios.



Transfer the created scenarios to a USB storage device connected to the computer. Connect the USB storage device on which the scenarios are stored to the projector and start projection using PC Free.☛ "Playing a Scenario" p.64

EasyMP Slide Converter should be installed on the computer.

For details on installing EasyMP Slide Converter see ☛ p.13

Converting PowerPoint Files to Scenarios

You can convert PowerPoint files and play back scenarios directly from the projector without needing to connect a computer.

Convertible PowerPoint Files

In EasyMP Slide Converter, files created with Microsoft PowerPoint 2002/2003/2007 (extensions .ppt/.pps/.pptx) can be converted into scenarios.

Scenario Conversion Procedure

Scenarios are converted using the following procedure.

1. Start EasyMP Slide Converter, and select the PowerPoint file.

2. On the Set screen, make settings such as Save to, Conversion Mode, and Projector Resolution, and then convert to a scenario.

3. Preview the converted scenario (FSE file).

4. Copy the scenario to the USB storage device connected to the computer.

5. Set the scenario to AutoRun.

Explanation of the Main Screen

Start EasyMP Slide Converter to display the Main screen. The functions for each button are described in the following table.

	Button Name	Explanation
1	**Convert**	Click to display the File Selection screen. Select a PowerPoint file and convert it to a scenario. ☛ "Converting to a Scenario" procedure 3
2	**Preview**	Click to display the File Selection screen. Select and preview the converted scenario (FSE file). ☛ "Converting to a Scenario" procedure 6
3	**Copy to Memory**	Click to display the File Selection screen. Select the file you want to copy to USB storage and then copy. ☛ "Converting to a Scenario" procedure 8
4	**Edit AutoRun**	Click to display the Edit AutoRun screen. Edit AutoRun. ☛ "Converting to a Scenario" procedure 9
5	**Set**	Click to display the Set screen. Make file settings such as Save to, Resolution, and Conversion Mode. ☛ "Converting to a Scenario" procedure 4

When the **After converting a file, copy it to memory.** check box is selected in the Set screen, messages are displayed to guide you through making settings for each item. By following the instructions in the displayed message you can make settings for each item. When this check box is cleared, make each setting from the Main screen.

Converting to a Scenario

This section explains how to convert a scenario step-by-step.

Procedure

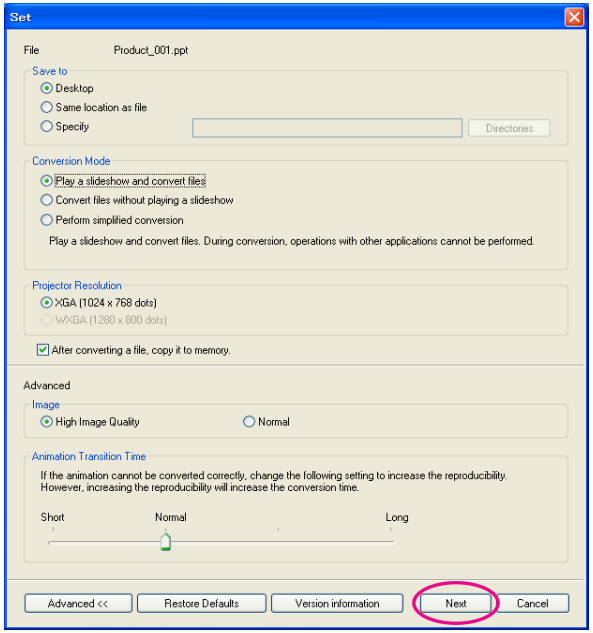
1. **Select "Start" - "Programs" (or "All Programs") - "EPSON Projector" - "EasyMP Slide Converter".**

   The EasyMP Slide Converter Main screen is displayed.

2. **Connect the USB storage device to the computer to save the scenario.**

3. **Click** **on the Main screen. Select the PowerPoint file to be converted into a scenario, and then click "Select".**

4. **The Set screen is displayed. Enter each of the items by referring to the following table, and then click "Next".**



File	The file name for the selected PowerPoint is displayed.
Save to	Select where to save the scenario.

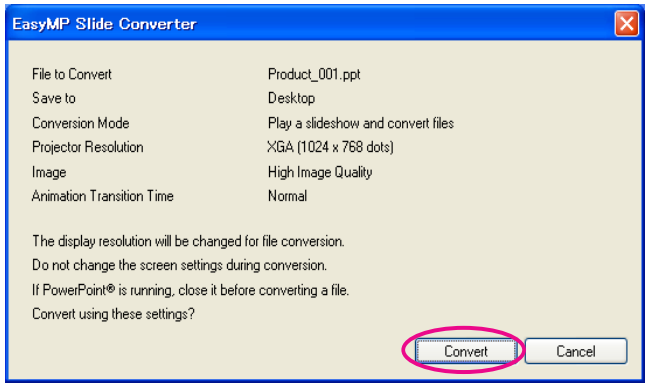
Conversion Mode	Select the conversion method for the PowerPoint file. • **Play a slideshow and convert files** The Slideshow is displayed during conversion allowing you to check the Slideshow as it is converted. Cannot operate other applications during conversion. The file is saved in FSE format. • **Convert files without playing a slideshow** A Slideshow is not displayed during conversion. The effects for the set slides are not converted. The file is saved in FSE format. • **Perform simplified conversion** Convert to a JPEG file. None of the set animations are converted. The file is saved in SIT format.
Projector Resolution	Select the Resolution for the projector that will project the scenario. Scenarios for which WXGA (1280 x 800 dots) has been set cannot be played back on XGA type projectors.
After converting a file, copy it to memory.	Select to follow the conversion procedure step-by-step. When selected, the Set screen is displayed each time a file is converted.

Image	Set the image quality for the converted file. When **Normal** is set, the file size is smaller compared to High Image Quality, but the image quality is degraded. **High Image Quality** is recommended. When **Perform simplified conversion** is selected in Conversion Mode, image quality cannot be set.
Animation Transition Time	Set the animation reproducibility (transition time) for the converted file. When **Perform simplified conversion** is selected in Conversion Mode, a transition time cannot be set.
Advanced	Switch between Show/Hide for Advanced.
Restore Defaults	Changed settings are returned to their default values. Click **OK** to save the settings.
Version information	Display version information for the application.

- *You can modify setting details by clicking the **Set** button on the EasyMP Slide Converter Main screen.*
- *In Windows 2000, you cannot select **Convert files without playing a slideshow** from Conversion Mode.*
- *If the resolution for the computer being used does not have 1280 x 800 or 1280 x 768 settings, and **Play a slideshow and convert files** is selected, you cannot select WXGA for the Projector Resolution.*
- *Cannot convert audio and movies in PowerPoint files or animations such as PowerPoint Game.*

- *Effects set for the first slide cannot be converted regardless of the Conversion Mode.*
- *When **Convert files without playing a slideshow** is selected, screen switching effects cannot be converted.*
- *Animations for which timer or repeat are set may not be converted normally. If you cannot convert the Animation correctly, set a longer standby time to increase the reproducibility.*
- *Cannot convert when the slide display settings in the PowerPoint file are set to Slide or when Custom Slide Show is set.*

5 When the confirmation screen is displayed, check the content and then click "Convert".

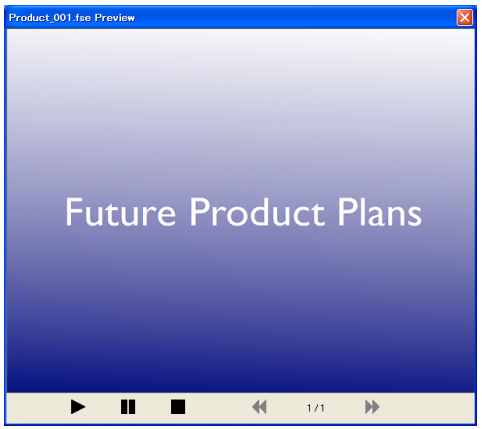


- *For Play a slideshow and convert files, it is automatically modified to use the screen's resolution depending on the projector's resolution (XGA or WXGA). After conversion, it returns to the previous screen resolution.*
- *If PowerPoint is running. the conversion process cannot be performed. Close PowerPoint before starting conversion. Also, do not start PowerPoint during conversion.*
- *During conversion, do not modify the display setup such as changing the resolution or connecting an external monitor. If the display setup is changed, conversion is canceled.*

- *If **After converting a file, copy it to memory** is not selected on the Set screen, the screens from procedure 6 are not displayed. When the main screen is displayed, preview a scenario or copy to memory by using the appropriate buttons on the main screen.*

6 **When the Preview confirmation screen is displayed after conversion is complete, click "Yes". If you do not want to view the Preview, click "No" and go to procedure 7.**

The Preview screen is displayed. The following table shows the functions of each button.



Play	Starts preview. Also, this restarts stopped or paused scenarios. If Animations in PowerPoint files are not played back automatically, Animations can be played back one after another by pressing the **Play** button.
Pause	Pauses the Preview. When the **Pause** button is pressed while Animations are being played back, the Animation is paused.
Stop	Stops playback and returns to the first slide.
Previous Slide	Returns to the previous slide.
Next Slide	Advances to the next slide.

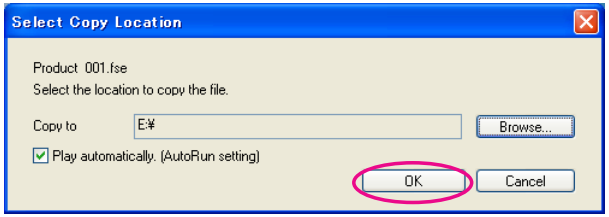
When the preview has finished, close the Preview screen.

Jpeg (SIT) files cannot be previewed with the Preview function. When **Perform simplified conversion** is selected from Conversion Mode, the Copy confirmation screen is displayed but the Preview confirmation screen is not displayed.

7 **When the Copy confirmation screen is displayed, click "Yes".**

8 **The Select Copy Location screen is displayed. Select the drive where the USB storage is connected and the copy location, and then click "OK".**

To set AutoRun, select **Play automatically. (AutoRun setting)**.



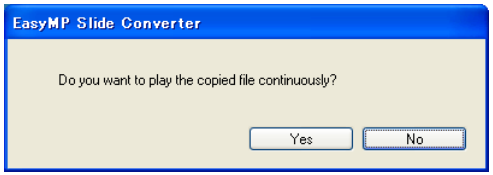
The scenario is transferred to the selected destination.

9 **When transfer is complete, one of the following screens is displayed.**

When there is no AutoRun file in the USB storage device:

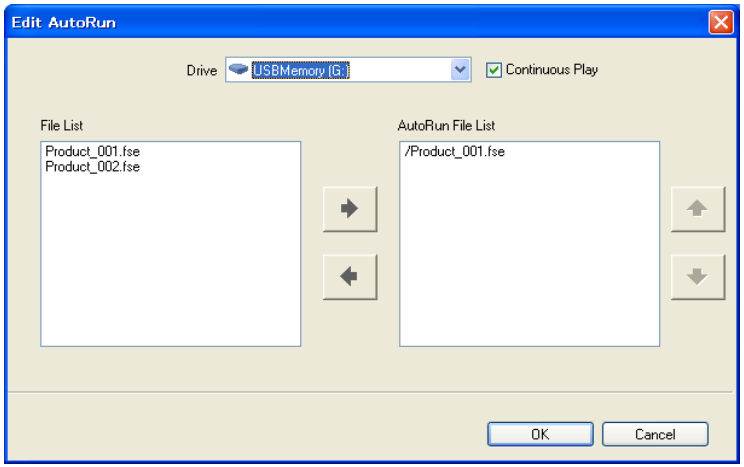
The Continuous Play confirmation screen is displayed. When you want to create an AutoRun file and set the Continuous Play setting for the AutoRun file to On, click **Yes**.

When you want to create an AutoRun file and set the Continuous Play setting for the AutoRun file to Off, click **No**.



When there is an AutoRun file in the USB storage device:

Set AutoRun with reference to the following table, and then click **OK**.



Drive	Select the drive to edit the AutoRun file.
Continuous Play	To start projecting from the first scenario again once projection of all scenarios in the "AutoRun File List" is complete, select this check box.
File List	A list of scenarios for which AutoRun is not set is displayed. The scenario file is displayed in the format Folder name/File name.
AutoRun File List	A list of scenarios for which AutoRun is set is displayed in playback order. Click the buttons to change the order.
	The scenario is registered and deleted in the AutoRun file.

If there are two or more files set for AutoRun, they are played back in order from the top of the AutoRun File List.

10 **Remove the USB storage device from the computer.**

See the computer's user's guide for the removal method.

11 **After finishing transferring your scenario, connect the USB storage device to the projector and start projection using PC Free.** ☛ p.60

When the resolution of the projector that is projecting the scenario is XGA type, scenarios for which WXGA (1280 x 800 dots) is set cannot be played back. Project after converting the PowerPoint file to an XGA (1024 x 768 dots) scenario file.

Converting Directly from a PowerPoint File to a Scenario

This section explains how to convert directly from a PowerPoint file to a scenario.

This is useful when you want to convert without modifying any settings. Because the settings from the Set screen are reflected during conversion, check the settings before hand when **After converting a file, copy it to memory** is not selected.

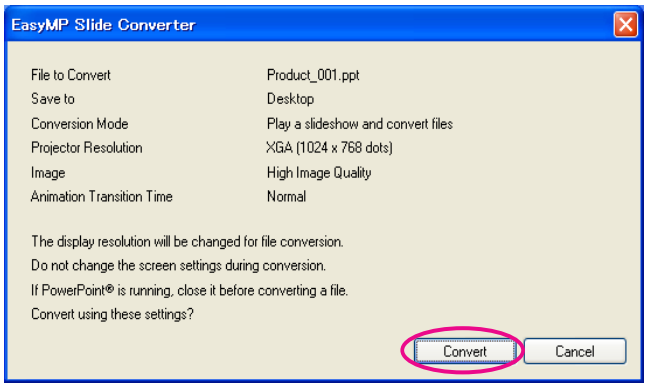
Procedure

1. **Drag & drop the PowerPoint file icon to the EasyMP Slide Converter program icon on the desktop. Or, right click the PowerPoint file and select " Convert to FSE".**

   Note that, in this case, it is not possible to select multiple PowerPoint files and convert them. Select only one file for conversion.

   EasyMP Slide Converter starts.

2. **When "After converting a file, copy it to memory." is selected on the Set screen, the Set screen is displayed. Go to procedure 4 ☛ "Converting to a Scenario".**
   When "After converting a file, copy it to memory." is not selected, click "Convert" on the confirmation screen to convert the file.



   Converting the file to a scenario starts. When **Play a slideshow and convert files** is selected from Conversion Mode, the Slideshow is displayed.

3. **When "After converting a file, copy it to memory." is not selected, the main screen is displayed when conversion is complete.**
   When "After converting a file, copy it to memory." is selected, go to procedure 6 ☛ "Converting to a Scenario".

   Then make setting such as scenario preview, copy to memory, and AutoRun.☛ "Explanation of the Main Screen" p.71

Appendix

Connection Limitations

When projecting computer images while running EasyMP Network Projection, the following restrictions apply. Confirm these points.

Supported Resolutions

The following computer screen resolutions can be projected. You cannot connect to a computer with a resolution greater than UXGA.

- VGA (640x480)
- SVGA (800x600)*
- XGA (1024x768)*
- SXGA (1280x960)
- SXGA (1280x1024)*
- SXGA+ (1400x1050)*
- WXGA (1280x768)
- WXGA (1280x800)
- WXGA+ (1440x900)
- UXGA (1600x1200)

* Supported resolutions when multi-screen display function is on.

If a computer with a special screen size is used where the ratio of height and width is not represented, a screen resolution closest to the width is selected from the list of 10 above.
In this case, in wide screen the horizontal margins are projected, in narrow screen the empty vertical margins are black.

Display Color

The number of colors for computer screens that can be projected.

Windows	Macintosh
16-bit color	About 32,000 colors (16-bit)
32-bit color	About 16.7 million colors (32-bit)

The operational guarantee for multi-screen display is 16-bit and 32-bit color.

Number of Connections

You can connect up to four projectors to one computer and project simultaneously.
You cannot connect multiple computers to one projector simultaneously.

Others

- If the transmission speed of the Wireless LAN is low, the network might be cut off unexpectedly.
- Audio can only be transferred to one projector. Audio cannot be transferred when connected to multiple projectors.
- When videos are played back, they do not play back as smoothly as when displayed on the computer.
- Applications that use part of DirectX functions may not be displayed correctly.(Windows only)
- Cannot project full screen MS-DOS prompts.(Windows only)

- There are times when the image on the computer screen and the image projected by the projector may not match exactly.

When Using Windows Vista

Note the following points when using EasyMP Network Projection with a computer running Windows Vista.

Limitations when projecting from Windows Photo Gallery

Note the following two limitations when launching Windows Photo Gallery when EasyMP Network Projection is running.

- Slide Show is played back in simple mode when projecting from Windows Photo Gallery.

  Because the toolbar is not displayed, you cannot make changes while playing a Theme (effects), regardless of the Windows Experience Index rating.
  Once simple mode has started, you cannot change modes while Windows Photo Gallery is running even if you close EasyMP Network Projection. Restart Windows Photo Gallery.
- You cannot play movies.

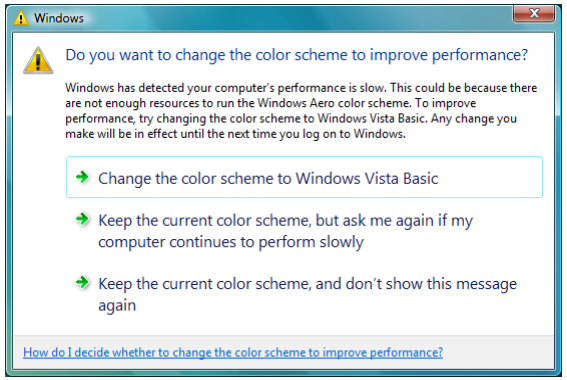
Limitations in Windows Aero

Note the following two limitations when the window design for your computer is Windows Aero.

- The layered window is projected regardless of Transfer layered window from Set options in EasyMP Network Projection.

  For example, when Transfer layered window for the EasyMP Network Projection toolbar is disabled, it is not projected even if it is displayed on the computer screen, however the toolbar is projected.
- A few minutes after you connect a computer to the projector over a network with EasyMP Network Projection, the following message is displayed.

  It is recommended that you select **Keep the current color scheme, and don't show this message again**. This selection is enabled until the computer is restarted.



Registering a Digital Certificate to the Projector

When Security is set to EAP-TLS from the projector's Network menu, you need to register the client certificate and the CA certificate in the projector for authentication.
Save the client certificate and the CA certificate are in a USB storage device, and register to the projector with PC Free.

- *The client certificate and the CA certificate need the extensions PFX (.pfx) and CER (.cer) respectively.*
- *Only one set of client certificate and CA certificate can be registered in the projector. If another digital certificate is registered, it overwrites the previous certificate.*

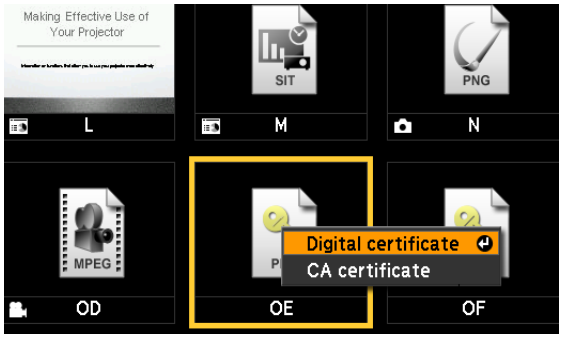
Registering a Client Certificate

Procedure

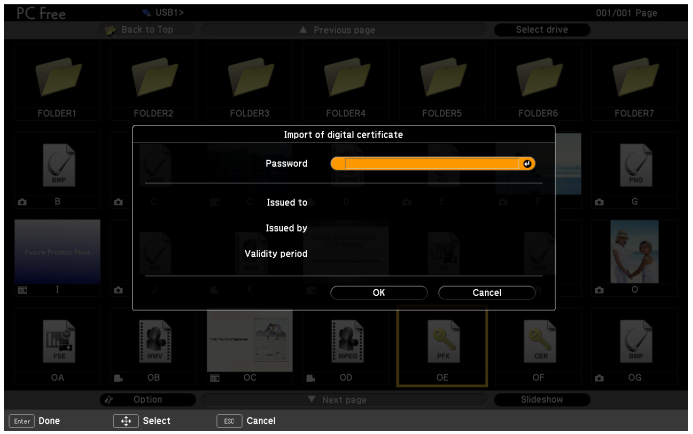
1 Connect the USB storage device on which the Digital certificate is stored to the projector and start PC Free. ☛ p.60

The file list screen is displayed.

2 Press the [▲▼][◀▶] buttons on the remote control to position the cursor over the client certificate (PFX file) icon and press the Esc button.



3 Select "Digital certificate" from the menu displayed, then press the Enter button. The following window is displayed.



4 Enter the password using the soft keyboard. (You can enter up to 32 alphanumeric characters) ☛ **See your projector** *User's Guide***.**

5 **When information on the certificate is displayed, check that the content is correct, and then position the cursor over "OK" and press the Enter button.**

When the message "**Digital certificate imported.**" is displayed, registration is complete.

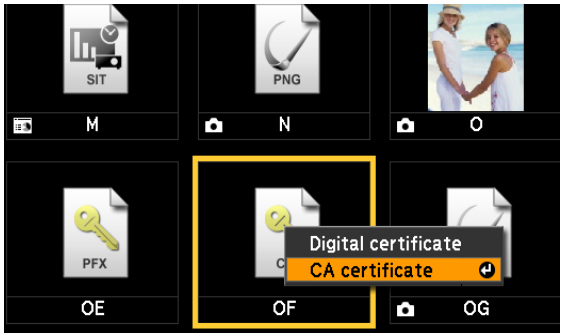
Registering a CA Certificate

Procedure

1 **Connect the USB storage device on which the Digital certificate is stored to the projector and start PC Free.**

The file list screen is displayed.

2 **Press the [▲][▼][◀][▶] buttons on the remote control to position the cursor over the CA certificate (CER file) icon and press the Esc button.**



3 **Select "CA certificate" from the menu displayed, then press the Enter button.**

4 **When information on the certificate is displayed, check that the content is correct, and then position the cursor over "OK" and press the Enter button.**

When the message "**CA certificate obtained. Restart.**" is displayed, registration is complete. Press the Enter button, to turn off the projector. After you press the [⏻] button to restart the projector, the certificate is authenticated. If authentication is successful, the IP address is displayed.

Troubleshooting

If any of the following problems occur and the indicators do not offer a solution, refer to the pages given for each problem.

Problems concerning network functions

"Cannot connect using EasyMP Network Projection" ☛ p.84

"When connected using EasyMP Network Projection, a connection cannot be made from another computer." ☛ p.84

"The projector is not found when EasyMP Network Projection is started." ☛ p.84

"Cannot connect in Advanced Connection Mode or Wired LAN connection" ☛ p.86

"The Slide Show does not display when the multi-screen display function is used." ☛ p.86

"Applications no longer display from the computer when the multi-screen display function is used." ☛ p.86

"The mouse cursor is not displayed on the computer screen." ☛ p.87

"The movies in EasyMP Network Projection have display or audio problems" ☛ p.87

"No audio from the projector when connecting with EasyMP Network Projection" ☛ p.87

"When connected using EasyMP Network Projection, a PowerPoint Slide Show does not start." ☛ p.88

"When connected using EasyMP Network Projection, the screen does not refresh in an Office application." ☛ p.88

"Error message when starting up EasyMP Network Projection" ☛ p.88

"Network settings are not restored after disconnecting from EasyMP Network Projection." ☛ p.91

Problems concerning PC Free

"Cannot play back or display files in PC Free" ☛ p.91

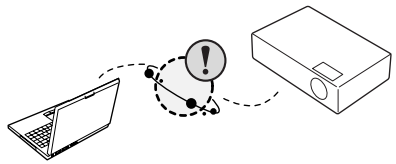
Problems concerning EasyMP Slide Converter

"Error message when starting up EasyMP Slide Converter" ☛ p.91

""Convert to FSE" is not displayed in the PowerPoint right click menu." ☛ p.92

Problems concerning monitoring and control

"Mail is not sent even if a problem occurs in the projector." ☛ p.92



Problems Concerning Network Functions

Cannot connect using EasyMP Network Projection

Check the message on the screen and then apply the following countermeasures.

Error Messages	Remedy
The application version used is not supported. Install the latest version of the application on your computer.	Install the current version of EasyMP Network Projection from the EPSON Projector Software for Meeting & Presentation CD-ROM supplied with the projector.

When connected using EasyMP Network Projection, a connection cannot be made from another computer.

Check	Remedy
Did the presenter leave the conference room without cutting off the network connection?	With EasyMP Network Projection, the connection with the computer that was previously connected can be cut off when another computer tries to connect with the projector, and it connects with the computer that is trying to connect. Therefore, when a Projector keyword is not set for the projector, or if you know the Projector keyword, you can cut off the current connection and, if you perform a connection operation, you can connect to the projector. When a Projector keyword is set for the projector, if you do not know the Projector keyword, restart the projector and reconnect.

The projector is not found when EasyMP Network Projection is started.

Check	Remedy
Is the Wireless LAN unit connected? **For Wireless LAN**	Check that the optional Wireless LAN unit is securely connected. Check that the supplied or optional Wireless LAN unit is securely connected.
Is the Network Configuration screen from the Configuration menu displayed on the projector?	When the Network Configuration screen is displayed on the projector, network connection for EasyMP Network Projection is disabled. Close network settings on the projector, and return to the LAN standby screen.

Check	Remedy
Are the computer's LAN card and the built-in LAN function available?	Check that LAN is valid by checking Control Panel - System - Hardware in the device manager and so on.
Is the SSID the same as that of the access point? **Quick Connection Mode**	Set an SSID that is different from that of the access point.☛ See your projector *User's Guide*.
Is the DHCP function for Wired LAN turned On? **Quick Connection Mode**	Turn **Off** the **DHCP** setting for **Wired LAN** from the Configuration Menu.☛ See your projector *User's Guide*.
Was the network adapter used selected correctly with EasyMP Network Projection?	If the computer has multiple LAN environments, it cannot connect unless the network adapter is selected correctly. When using a computer running Windows, start EasyMP Network Projection, and select the network adapter you are using from **Set options** - **Switch LAN**.☛ p.48
For Wireless LAN connection, is the Wireless LAN setting enabled when the computer is in power save mode?	Enable the Wireless LAN.
Are there any obstacles between the access point and the computer or projector? **For Wireless LAN**	Sometimes the electromagnetic wave situation prevents the projector from being found in a search. Check for any obstacles between the access point and the computer or projector, and change their position to improve the electromagnetic wave situation.
Is the computer's Wireless LAN electromagnetic wave set to low?	Set the electromagnetic wave strength to maximum.
Does the Wireless LAN conform to 802.11g, 802.11b, or 802.11a?	It is only compatible with standards 802.11g, 802.11b, and 802.11a, and not with other standards such as 802.11.
Is the firewall turned off, or has the firewall been registered as an exception?	When you do not wish to turn off the firewall or register the firewall as an exception, make the necessary settings to open the ports. The ports used by EasyMP Network Projection are "3620", "3621", and "3629".
Is the network cable connected correctly? **For Wired LAN**	Check that the network cable is connected correctly. Reconnect it if it is not connected or not connected properly.
Is Wireless LAN Power set to Off in the Wireless LAN menu from the projector's Configuration menu? **For Wireless LAN**	Set **Wireless LAN Power** to **On** in the **Wireless LAN** menu from the Configuration menu.☛ See your projector *User's Guide*.

Cannot connect in Advanced Connection Mode or Wired LAN connection

Check	Remedy
Is the SSID setting different.	Set the computer, the access point, and the projector to the same SSID. ☛ See your projector *User's Guide*.
Is the same WEP key set?	When selecting **WEP** from **Security**, set the access point, the computer, and the projector to the same WEP key.☛ See your projector *User's Guide*.
Are the connection denial functions, such as MAC Address restrictions and port restrictions, set correctly at the access point?	Set the projector to allow connections from the access point.
Are the IP address, the Subnet Mask, and the Gateway Address for the access point and the projector set correctly?	When not using a DHCP, adjust each setting.☛ See your projector *User's Guide*.
Are the access point and the projector's subnet different?	Select **Manual search** from EasyMP Network Projection, specify the IP address, and connect. ☛ p.42

The Slide Show does not display when the multi-screen display function is used.

Check	Remedy
Are you using PowerPoint 2002 or an earlier version? **For Windows**	To set and use two or more virtual displays, use PowerPoint 2003 or later, or limit the number of virtual displays to one before displaying the Slide Show.

Applications no longer display from the computer when the multi-screen display function is used.

Check	Remedy
Is another application running on the virtual display? **For Windows**	When EPSON Virtual Display is installed, another application sometimes runs on the virtual display. In this case, set EPSON Virtual Display to "Off" in "Screen properties".

The mouse cursor is not displayed on the computer screen.

Check	Remedy
Is EPSON Virtual Display installed? **For Windows**	The mouse cursor was moved onto the virtual display. When the virtual display check box is cleared on the Add-Remove EPSON Virtual Display screen, the mouse pointer returns to the screen display area.

The movies in EasyMP Network Projection have display or audio problems

Check	Remedy
Did you try to play back movies with Media Player or try to operate the screen saver preview?	Depending on the computer, the movie playback screen in Media Player may not be displayed, and the screen saver preview may not be displayed normally.
Is WEP encryption effective, or are multiple projectors connected?	The display speed decreases when WEP encryption is effective or multiple projectors are connected.
Have you enabled DHCP?	When DHCP is set to **On** in Advanced Connection Mode or Wired LAN connection, if an available DHCP server is not found, it may take some time to enter LAN standby status.
Was EasyMP Network Projection started while a movie was playing, or were the resolution and color number changed? **For Macintosh**	When playing back movies, start EasyMP Network Projection first before starting play back. If EasyMP Network Projection is started during movie play back and the display screen resolution and color number are changed, try moving the movie playback window, minimizing it, or resizing it and so on.
Is Wireless LAN 802.11g/b being used in Quick Connection Mode?	Depending on the electromagnetic wave environment, there are times when the image and sound for movies may stop. When using the movie sending function, use Advanced Connection Mode or Wireless LAN 802.11a in Quick Connection Mode.
Are you using a computer that does not meet the recommended specifications?	When using a computer that does not meet the recommended specifications, images and audio for movies may stop.☛ See your projector *User's Guide*.

No audio from the projector when connecting with EasyMP Network Projection

Check	Remedy
Are multiple projectors connected to one computer?	Audio can only be transferred to one projector. Try disconnecting other projectors.

Check	Remedy
Is audio set to output from the computer in Set Options?	Select **Output audio from the projector** on the Set options Audio Output tab.☛ p.50

When connected using EasyMP Network Projection, a PowerPoint Slide Show does not start.

Check	Remedy
Was EasyMP Network Projection started while PowerPoint was running? **For Windows**	When connecting with EasyMP Network Projection, make sure you close PowerPoint first. Slide Show might not run if connecting while PowerPoint is running.

When connected using EasyMP Network Projection, the screen does not refresh in an Office application.

Check	Remedy
Is the mouse moved continuously?	When you stop moving the mouse cursor, the screen is updated. If the screen does not update quickly, stop moving the mouse cursor.

Error message when starting up EasyMP Network Projection

Error Messages	Remedy
Connection to the projector failed.	Try to connect again. If it still does not connect, check the network settings on the computer and the network settings for the projector. For details on the network settings to be made on the projector, see ☛ See your projector *User's Guide*.
The keyword does not match. Re-enter the keyword displayed on the projector screen.	Check the Projector keyword displayed on the LAN standby screen, and enter the Projector keyword.

Error Messages	Remedy
The selected projector is busy. Do you want to continue the connection process?	You tried to connect to a projector that is connected to another computer. When **Yes** is clicked, it connects to the projector. The connection between the projector and the other computer is cut off. When **No** is clicked, it does not connect to the projector. The connection between the projector and the other computer is maintained.
EasyMP Network Projection initialization failed.	Restart EasyMP Network Projection. If the message still appears, uninstall and then reinstall EasyMP Network Projection. ☛ p.13
Connection failed due to keyword mismatch.	When connecting to a projector for which a Projector keyword has been set, the wrong Projector keyword is entered. Check the Projector keyword that is displayed on the projector's connection standby screen. After the connection is disconnected and then reconnected, enter the Projector keyword on the keyword entry screen that is displayed. ☛ p.20
Network adapter information could not be obtained.	Check the following point. Is a network adapter installed on the computer? Is the driver for the network adapter used installed on the computer? After checking, restart the computer and connect again. If you still cannot connect, check the following. Check the network settings on the computer and the network settings on the projector. For details on the network settings to be made on the projector, see ☛ See your projector *User's Guide*.
One or more connected projectors do not support resolutions greater than SXGA. Reduce the screen resolution and reconnect.	A connected Epson projector does not support the selected computer screen resolution. Change the computer screen resolution to SXGA (1280x1024) or less.
One or more projectors are not responding.	You cannot connect to multiple projectors simultaneously. Check the network settings on the computer and the network settings on the projector. For details on the network settings to be made on the projector, see ☛ See your projector *User's Guide*.

Error Messages	Remedy
Enter the keyword displayed on the projector screen.	Check the Projector keyword displayed on the LAN standby screen, and enter the Projector keyword.
Cannot start this application while USB Display is running.	Close USB Display and then start EasyMP Network Projection.
Cannot connect to the projector using this version of EasyMP Network Connection. Install the latest version of EasyMP Network Projection.	This message is displayed when connecting to the projector with EMP NS Connection. To connect, install the current version of EasyMP Network Projection from the EPSON Projector Software for Meeting & Presentation CD-ROM supplied with the projector.
To output audio from the projector, restart applications such as PowerPoint or Windows Media Player.	If one of the following operations is performed when PowerPoint or a media player such as Windows Media Player is running on the computer, restart PowerPoint or the media player to output audio from the projector. • Connect the projector with EasyMP Network Projection (When **Output audio from the projector** is selected from the **Set options** - **Audio Output** tab). • Select **Output audio from the projector** from the **Set options** - **Audio Output** tab, or click **Restore Defaults**.
To output audio from the computer, restart applications such as PowerPoint or Windows Media Player.	If one of the following operations is performed when PowerPoint or a media player such as Windows Media Player is running on the computer, restart PowerPoint or the media player to output audio from the computer. • Connect the projector with EasyMP Network Projection (When **Output audio from the projector** is cleared from the **Set options** - **Audio Output** tab). • Clear **Output audio from the projector** on the **Set options Audio Output** tab.
You need to restart your computer to enable Audio Output. Select "Yes" to restart now or select "No" to restart later.	To transfer audio to the projector and play back, select **Yes** and restart the computer.
Cannot start this application while Quick Wireless Connection is running.	Close Quick Wireless Connection and then start EasyMP Network Projection.

Network settings are not restored after disconnecting from EasyMP Network Projection.

Check	Remedy
Are you manually connecting to a Wireless LAN when the computer starts up? **Quick Connection Mode**	Try connecting to the Wireless LAN manually.

Problems operating PC Free

Cannot play back or display files in PC Free

Check	Remedy
Are you trying to play back a file in a format that is not supported by PC Free?	Depending on the file format, some files cannot be played back in PC Free. For more information on files that can be played back in PC Free, see ☛ "Files that can be Projected Using PC Free".
Are you using a USB storage device that incorporates security functions?	USB storage devices that incorporate security functions sometimes cannot be used with this projector.
Are you using a USB hard disk or USB card reader?	Some commercially available USB hard disks or USB card readers may not be compatible.

Problems operating EasyMP Slide Converter

Error message when starting up EasyMP Slide Converter

Error Messages	Remedy
The application cannot be used with your OS version.Update your OS to the required version.	EasyMP Slide Converter cannot be installed under the OS being used. Install under a supported OS.☛ See your projector *User's Guide*.
To use EasyMP Slide Converter, PowerPoint® 2002 or a later version must be installed.	Reinstall EasyMP Slide Converter after installing PowerPoint 2002 or later. ☛ p.13

Error Messages	Remedy
Close PowerPoint®, then convert the file.	When PowerPoint is running, the conversion process may not complete normally. Close PowerPoint, then convert the file.
The file cannot be saved to the specified location. Specify another location and try again.	There are times when you may not be able to save a file such as if you do not have write access to the specified folder. Specify another location and try again.
The file could not be copied to the specified location. Specify another location and try again.	
There is not enough available space in the specified location. Specify another location and try again.	Insufficient free space in the specified drive. Failed to save the file. Make space in the drive so that the file can be saved by deleting any unnecessary files.
The file cannot be copied because there is not enough available space in the specified drive.	Insufficient storage capacity in the drive to transfer scenario. Cannot transfer the scenario. Make space in the drive so that the scenario can be sent by deleting any unnecessary files.
This file cannot be written to the specified location because there is not enough available space.	Cannot write the file to the specified location as there is insufficient free space for a file to which AutoRun is set. Make space so that the file can be written by deleting any unnecessary files.

"Convert to FSE" is not displayed in the PowerPoint right click menu.

Check	Remedy
Was PowerPoint installed after installing EasyMP Slide Converter?	The menu may not be displayed, if PowerPoint is installed after installing EasyMP Slide Converter. Reinstall EasyMP Slide Converter.

Problems Concerning Monitoring and Control

Mail is not sent even if a problem occurs in the projector.

Check	Remedy
Is the Wireless LAN unit connected? **For Wireless LAN**	Check that the optional Wireless LAN unit is securely connected. Check that the supplied or optional Wireless LAN unit is securely connected.
Is the network connect setting correct?	Check the projector's network settings. ☛ See your projector *User's Guide*.

Check	Remedy
Is **Standby Mode** set to **Network On**?	To use the Mail Notification function when the projector is in standby, set **Network On** in **Standby Mode** from the Configuration Menu.☛ See your projector *User's Guide*.
Did a fatal abnormality occur and the projector come to a sudden stop?	When the projector comes to a sudden stop, mail cannot be sent. If, after checking the projector, the abnormal status continues, contact Epson. ☛ See your projector *User's Guide*.
Is power being supplied to the projector?	Check that there has not been a local power failure or that the circuit breaker for the electrical outlet of the projector has not been tripped.
Is the network cable connected correctly? **For Wired LAN**	Check that the network cable is connected correctly. Reconnect it if it is not connected or not connected properly.

Glossary

This section briefly explains the difficult terms that are not explained in the text of this guide. For details, refer to other commercially available publications.

Ad hoc	A method of Wireless LAN connection that communicates with wireless LAN clients without using an access point. It is not possible to communicate with two or more devices simultaneously.
DPOF	An abbreviation of Digital Print Order Format, this is a format for recording information (photos that you want to print, number of copies, and so on) to print photos taken with a digital camera in recording media such as memory cards.
MAC Address	An abbreviation of Media Access Control. The MAC Address is an ID number unique to each network adapter. A unique number is assigned to each network adapter, and data is transmitted between network adapters based on this identification.
SVGA	A type of video signal with a resolution of 800 (horizontal) × 600 (vertical) dots that is used by IBM PC/AT-compatible computers.
SXGA	A type of video signal with a resolution of 1,280 (horizontal) × 1,024 (vertical) dots that is used by IBM PC/AT-compatible computers.
UXGA	A type of video signal with a resolution of 1,600 (horizontal) × 1,200 (vertical) dots that is used by IBM PC/AT-compatible computers.
VGA	A type of video signal with a resolution of 640 (horizontal) × 480 (vertical) dots that is used by IBM PC/AT-compatible computers.
Virtual Display	The screen for one computer is output to multiple displays. A large virtual screen can be created by using multiple displays.
XGA	A type of video signal with a resolution of 1,024 (horizontal) × 768 (vertical) dots that is used by IBM PC/AT-compatible computers.

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CPD-27643