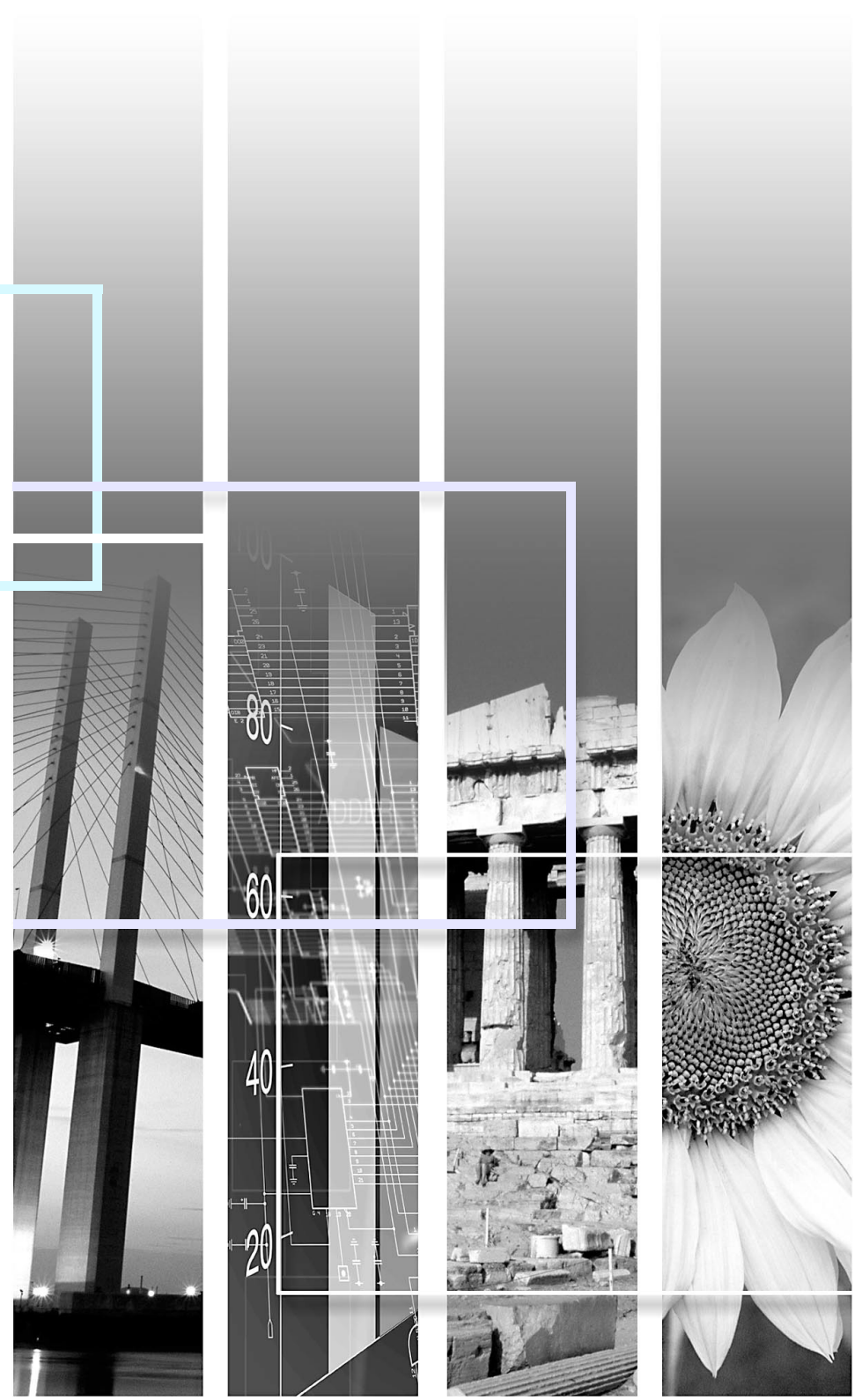


EPSON®

EMP Monitor Operation Guide



Contents

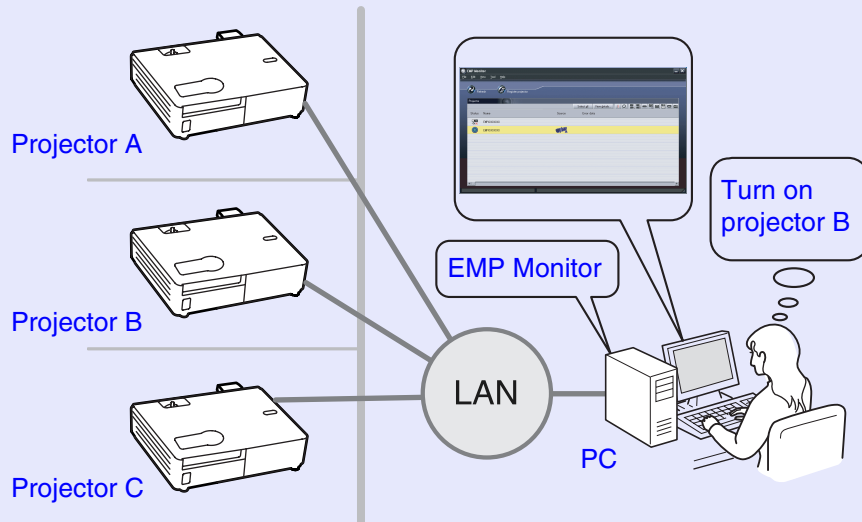


| | |
|---|----------|
| What You Can Do With EMP Monitor | 2 |
| Operating Environment | 2 |
| Before Starting Operations..... | 2 |
| Registering Projectors for Monitoring | 3 |
| Registration Using Automatic Detection..... | 4 |
| Registration Using IP Address (Manual Registration) | 5 |
| Editing the Manually-Registered Projector List | 5 |
| Deleting a Projector from the Projector List..... | 5 |
| Main EMP Monitor Window | 6 |
| Button Functions | 6 |
| Understanding the Projector List | 7 |
| Displaying Detailed Information..... | 8 |
| If a Projector Cannot be Monitored or Controlled Using EMP Monitor | 9 |



What You Can Do With EMP Monitor

You can display status information on a computer screen for multiple projectors that are connected to a network and also carry out batch operations on all projectors such as turning the power on and off and changing the input source. A maximum of 64 projectors can be monitored and controlled by batch operations.



System configuration example



TIP

- If the projector's "Extended" - "Standby Mode" configuration menu is set to "Network ON", the projector can still be set and controlled using EMP Monitor even when it is in standby mode (when the Power indicator is lit orange).
- The administration functions of EMP Monitor cannot be used when using easy connect mode with a wireless LAN.

Operating Environment

* Macintosh computers cannot be used.

| | |
|----------------------|--|
| OS* | 98SE/Me/NT4.0/2000 Professional/XP Home Edition/XP Professional |
| CPU | Pentium MMX 166 MHz or higher (Pentium II 233 MHz or higher recommended) |
| Memory capacity | 64 MB or more (128MB or more recommended) |
| Free hard disk space | 6 MB or more |
| Display | XGA (1024×768) or higher resolution, 16 bit or higher display colour |

Before Starting Operations

Check the following points before starting up EMP Monitor.

- EMP Monitor must be installed in the computer to be used for monitoring and control.
 - ☛ "Installing EasyMP Software" in the *EasyMP Network Setup Guide*
- Make the network settings so that the projector and the computer are connected in access point mode or wired LAN connection mode.
 - ☛ "Connecting in Access Point Mode or Wired LAN Mode" in the *EasyMP Network Setup Guide*
- If using Windows 2000, NT4.0 or XP, the computer must be started up in administrator mode.

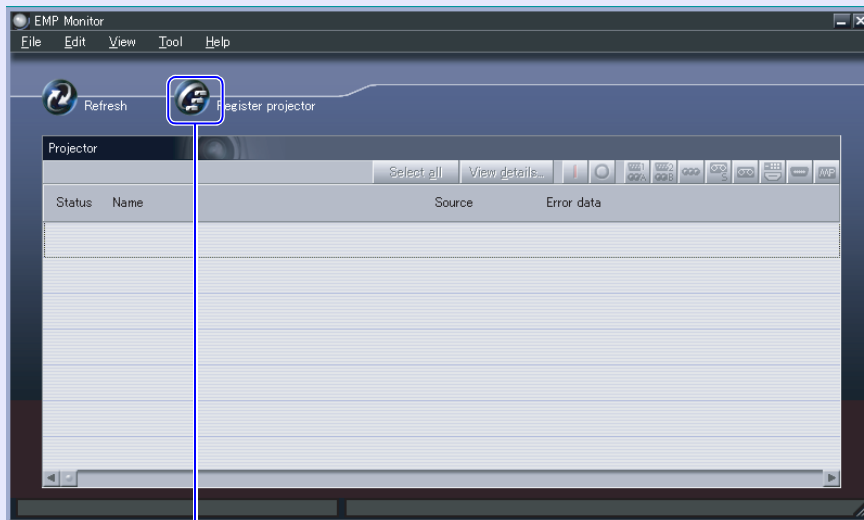


Registering Projectors for Monitoring

This operation is carried out when starting EMP Monitor for the first time after it has been installed and when you would like to add projectors. Once a projector has been registered, the status for the projector will be displayed automatically each time EMP Monitor is started from that point onwards.

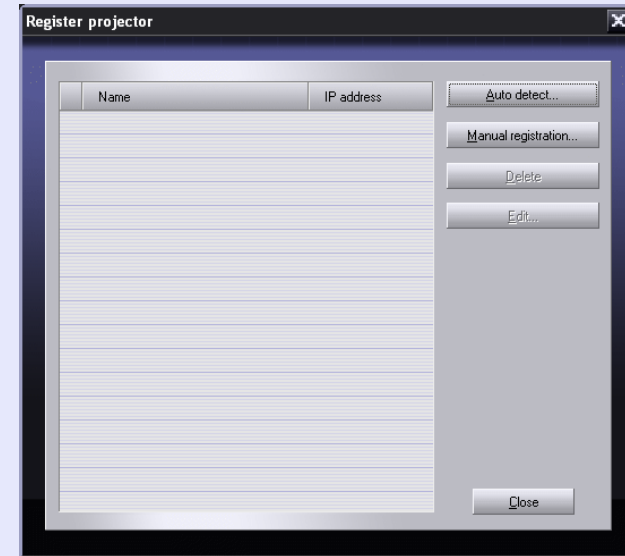
PROCEDURE

- 1 Click "Start" - "Programs" (or "All Programs") - "EPSON Projector" - "EMP Monitor" in that order to start EMP Monitor.
- 2 Click the "Register projector" icon.



Click to add a projector to be monitored.

The "Register projector" window will be displayed.



Use the "Registration Using Automatic Detection" (☛ p.4) or "Registration Using IP Address (Manual Registration)" (☛ p.5) procedure to register projectors.

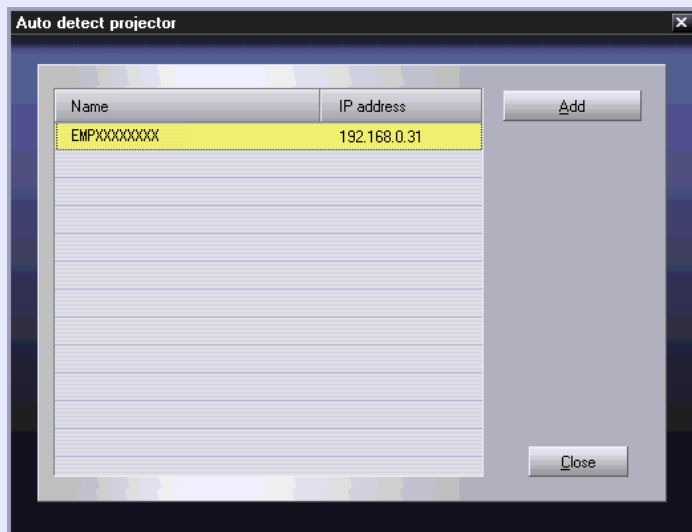


Registration Using Automatic Detection

PROCEDURE

- 1 Click the "Auto detect" button in the "Register projector" window.
- 2 Select the projector(s) to be registered, and then click the "Add" button.

If a projector does not appear in the list, use "Registration Using IP Address (Manual Registration)". ➡ [p.5](#)



TIP

- Projectors that have been registered using automatic detection will be re-detected on the basis of projector name each time EMP Monitor is started.
- If a password entry window is displayed, enter the password for the projector's administrator and then click the "OK" button. If more than one projector was selected, the password entry windows for each projector will be displayed in succession.

3

- 3 Click the "Close" button to return to the main EMP Monitor window.

Refer to "Main EMP Monitor Window" for details on using the main window. ➡ [p.6](#)

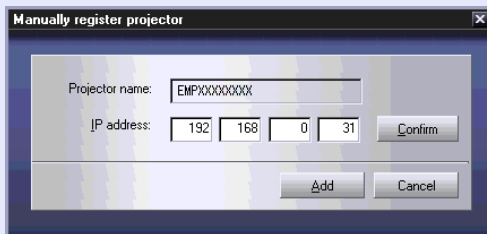


Registration Using IP Address (Manual Registration)

PROCEDURE

- 1 Click the "Manual registration" button in the "Register projector" window.
- 2 Enter the IP address for the projector to be registered in the "IP address" box, and then click the "Confirm" button.

If a projector with the specified IP address is found on the network, the projector's name will be displayed, so check that it is the target projector. If it is not the target projector, re-enter the IP address.



- 3 Click the "Add" button.



TIP

If a password entry window is displayed, enter the password for the projector's administrator and then click the "OK" button.

Editing the Manually-Registered Projector List

Use the following procedure to change the projector name or IP address for projectors that have been registered manually.

PROCEDURE

- 1 Select the projector to be edited in the "Register projector" window, and then click the "Edit" button.
- 2 If the projector name has changed, simply click the "Confirm" button.
If the IP address has changed, enter the new IP address and then click the "Confirm" button.
Check that the projector name is correct.
- 3 Click the "Update" button.

Deleting a Projector from the Projector List

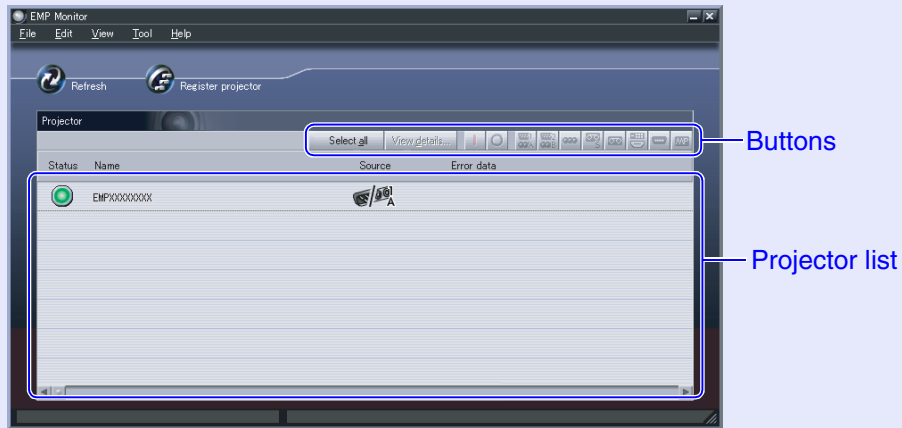
Select the projector to be deleted from the list in the "Register projector" window, and then click the "Delete" button.


More than one projector can be selected at the same time.



Main EMP Monitor Window











The main window shows the status information for each projector. To carry out our operations for projectors, select the projectors from the projector list and then click the buttons.



To close the window, click the  in the top-right corner.

Button Functions

The power can be turned on or off and the input source can be changed for the projectors that are selected from the projector list. The same operations can also be carried out using the commands in the "Tool" menu.

| | |
|---|---|
| "View details" button | Shows detailed information for the selected projectors. |
|  Power ON | Turns the projector power on. |
|  Power OFF | Turns the projector power off. |
|  PC1, InputA | Switches to the input source connected to the [Computer1] port, [Computer] port or [InputA] port. |
|  PC2, InputB | Switches to the input source connected to the [Computer2] port or [InputB] port. |
|  BNC | Switches to the input source connected to the [BNC] port. |
|  S-Video | Switches to the input source connected to the [S-Video] port. |
|  Video | Switches to the input source connected to the [Video] port. |
|  D4 | Switches to the input source connected to the [D4] port. |
|  DVI, HDMI | Switches to the input source connected to the [DVI] port or [HDMI] port. |
|  EasyMP | Switches to EasyMP or EasyMP.net. |



TIP

Some connected projectors may not be equipped with all of the above ports or functions. If you click a button for a port or function that is not available, the button will not work.



Understanding the Projector List

The projector list uses the following icons to show the projector statuses.

Status: Shows the projector status.

| | |
|--|---|
| | Power on and normal status |
| | Power off and normal status |
| | Power on and abnormal status |
| | Power off and abnormal status |
| | Network error (such as not connected to network or power cable not connected) |

Name: Shows the projector name.

Source: Shows the selected input source.

| | |
|--|-------------------------------|
| | Computer, Computer1 or InputA |
| | Computer2 or InputB |
| | S-Video |
| | Video |
| | D4 (Digital) |
| | DVI or HDMI (Digital) |

Error information: If an error occurs with a projector, the following icons are used to show the status.

| | | |
|--|---|--|
| | End of lamp life warning | Replace with a new lamp. ☛ "Replacing the Lamp" in the "Replacing Consumables" section of the <i>User's Guide</i> . |
| | Lamp problem | Refer to "Reading the Indicators" to remedy the problem. ☛ "Problems Solving" in the <i>User's Guide</i> |
| | High internal temperature (overheating) | |
| | Temperature warning | |
| | Internal problem | |
| | Fan problem | |
| | Temperature sensor problem | |

The projector information that is generated when a problem is detected is stored until EMP Monitor is closed. The EMP Monitor displays will not be updated automatically even if the projector status returns to normal. Click the "Refresh" button in the main window to update the status.

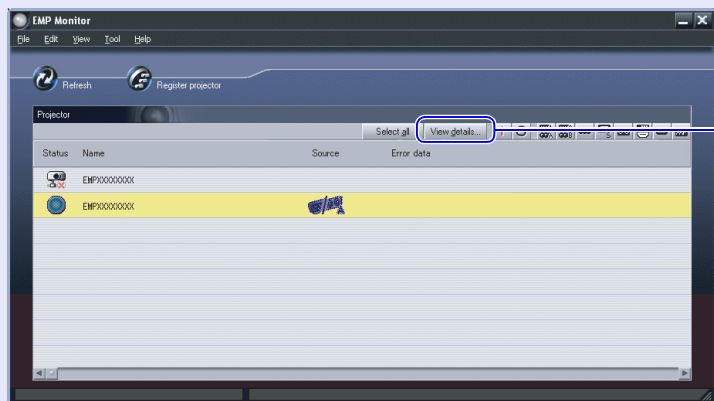


Displaying Detailed Information

You can check detailed information on the status of individual projectors that are connected.

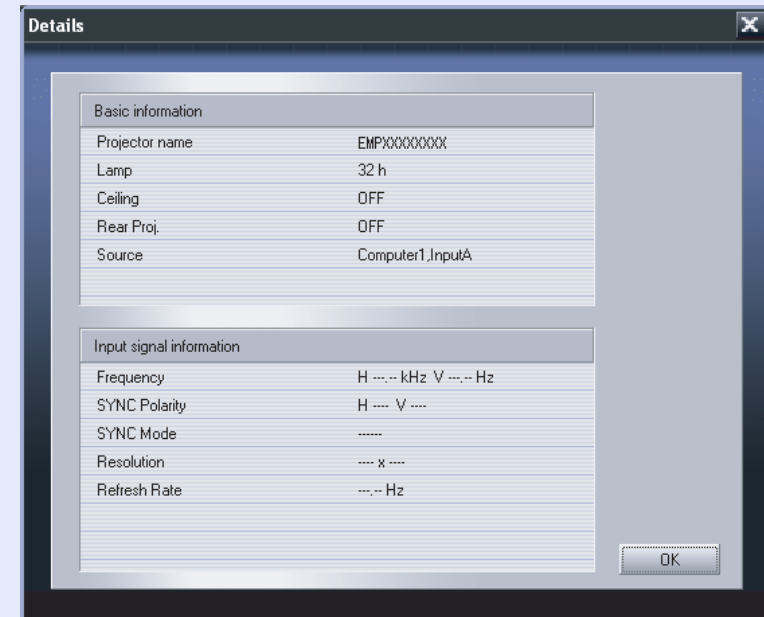
PROCEDURE

- 1 Select the projector to be checked in the main window.
- 2 Click the "View details" button.



Click to
display
details.

Detailed status information will be displayed in the "Details" window.



The details that are displayed may vary slightly depending on the projector connected.

If a Projector Cannot be Monitored or Controlled Using EMP Monitor



| Cause | Remedy |
|--|---|
| Has the projector been set up correctly for connection to the network? | Check the projector's network settings. ☛ "Connecting in Access Point Mode or Wired LAN Mode" in the <i>EasyMP Network Setup Guide</i> |
| Has EMP Monitor been installed to the computer correctly? | Uninstall EMP Monitor and then re-install it. |
| Have all projectors that are to be monitored and controlled been registered in the projector list? | Register the projector in the projector list. ☛ p.3 |
| Is the projector's "Standby Mode" configuration menu set to "Network ON"? | In order to use EMP Monitor to monitor and control the projector when it is in standby mode, the projector's "Extended" - "Standby Mode" configuration menu must be set to "Network ON". ☛ "Using the Configuration Menu Functions" in the <i>User's Guide</i> |



All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SEIKO EPSON CORPORATION. No patent liability is assumed with respect to the use of the information contained herein. Neither is any liability assumed for damages resulting from the use of the information contained herein.

Neither SEIKO EPSON CORPORATION nor its affiliates shall be liable to the purchaser of this product or third parties for damages, losses, costs, or expenses incurred by purchaser or third parties as a result of: accident, misuse, or abuse of this product or unauthorized modifications, repairs, or alterations to this product, or (excluding the U.S.) failure to strictly comply with SEIKO EPSON CORPORATION's operating and maintenance instructions.

SEIKO EPSON CORPORATION shall not be liable against any damages or problems arising from the use of any options or any consumable products other than those designated as Original EPSON Products or EPSON Approved Products by SEIKO EPSON CORPORATION.

General Notice:

EPSON is a registered trademark of SEIKO EPSON CORPORATION.

EasyMP is a trademark of SEIKO EPSON CORPORATION.

Macintosh, Mac, and iMac are registered trademarks of Apple Computer, Inc.

IBM is a registered trademark of International Business Machines Corporation.

Windows and Windows NT are registered trademarks of Microsoft Corporation in the United States of America.

Dolby is a registered trademark of Dolby Laboratories.

Cisco Systems is a registered trademark of Cisco Systems Inc. in the United States of America and other countries.

Pixelworks and DNX are trademarks of Pixelworks Inc.

Portions of this software are based in part on the work of the Independent JPEG Group.

Portions Copyright©2003 Instant802 Networks Inc. All rights reserved.

Other product names used herein are also for identification purposes only and may be trademarks of their respective owners. EPSON disclaims any and all rights in those marks.

This product uses open source software.