EPSON
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User's Guide Supplement

Multimedia Projector

EB-1485Fi
EB-1480Fi
EB-805F
EB-800F

Contents

Introduction to the Updated Firmware 4

Features of Firmware Version 1.50 5
- Updates to Projector Menus (Version 1.50) 5
- Updates to User Operations (Version 1.50) 5

Features of Firmware Version 2.00 7
- Updates to Projector Menus (Version 2.00) 7
- Updates to User Operations (Version 2.00) 7

Features of Firmware Version 2.10 8
- Updates to User Operations (Version 2.10) 8

Features of Firmware Version 3.00 9
- Updates to Projector Menus (Version 3.00) 9
- Updates to User Operations (Version 3.00) 9

Features of Firmware Version 3.01 10
- Updates to Projector Menus (Version 3.01) 10

Details of Updated Firmware 11

Details of Updated Projector Menus (Version 1.50) 12
- Image Enhancement 12
- EDID 12
- HDMI Out Intensity 13
- Audio Output and HDMI Audio Output 13
- Auto Power On 14
- Wireless LAN system 14
- Projector Keyword 15
- Interrupt Connection 15
- ECO Menu 15
- Firmware Update 15
  - Updating Firmware Using a USB Storage Device 16
  - Updating Firmware Using a Computer and USB Cable 17

Details of User Operation Change (Version 1.50) 19
- Supported OS for USB Display 19
- Supported PC Free Movie Format 19
- Two Screen Mirroring Sources 20
- Screen Sharing Additional Functions 20
- Change Screen Type 21
- Epson Web Control Password 21
- Reset All Option for Protected Items 21

Details of Updated Projector Menus (Version 2.00) 22
- Sort Source Thumbnails 22
- Menu Color and Toolbar Color 22
- Language 22

Details of User Operation Change (Version 2.00) 23
- Combination of Geometry Correction 23
- Change HDMI Out Setting 23
- Reset Schedule Setting 23
- Computer Interactive Mode for Screen Mirroring Source 23
- Outputting Screen Mirroring Image to HDMI Out Port 24
- Screen Sharing Guidance Screen for Receiving Projector 24

Details of User Operation Change (Version 2.10) 25
- Additional Whiteboard Zoom Options 25
- Switching to Whiteboard Screen Using Commands 25

Details of Updated Projector Menus (Version 3.00) 26
- A/V Output 26
- No-signal Screen 26
- Home Screen Auto Disp 26
- Standby Mode and Quick Startup 27
- Transmitter Settings 27
- Wireless LAN Sys. 27

Details of User Operation Change (Version 3.00) 29
- Using the Wireless Presentation System to Connect Windows/Mac Computers. 29
  - Setting Up the Wireless Presentation System for the First Time 29
  - Projecting with the Wireless Presentation System 30

Details of Updated Projector Menus (Version 3.01) 31

A/V Output 31
Auto Power On 31
Power On Trigger 31
Standby Mode and Quick Startup 32
Transmitter Settings 32

Solving Problems 34

Solving Multi-Projection Problems 35
Solving Touch Unit Setup Problems 35
Adjusting an Image Color Between Projectors 38
Adjusting an Image Area 39
Solving Other Multi-Projection Problems 41
Solving Screen Sharing Problems 42
Sharing the Screen 42
Stop Screen Sharing 43
Solving Miscellaneous Problems 45
Solving Split Screen Problems 45
Solving USB Display Problems 45
Solving User Pattern Saving Problems 45
Solving Screen Mirroring Problems 45

Appendix 46

Optional Accessories 47
For Wireless Connection 47
Notices 48
Copyright Notice 48
General Notice 48
Copyright Attribution 48

Introduction to the Updated Firmware

Epson periodically provides firmware updates to enhance your projector features and to address issues of performance. Refer to these sections to learn more about the updated features within each firmware version.

Related Links

- "Features of Firmware Version 1.50" p.5
- "Features of Firmware Version 2.00" p.7
- "Features of Firmware Version 2.10" p.8
- "Features of Firmware Version 3.00" p.9
- "Features of Firmware Version 3.01" p.10

Refer to these sections for a summary of the updated features of projector firmware version 1.50 (EB-1485Fi/EB-1480Fi).

Related Links
- "Updates to Projector Menus (Version 1.50)" p.5
- "Updates to User Operations (Version 1.50)" p.5

Updates to Projector Menus (Version 1.50)

The following projector menus have changed in firmware version 1.50:

Image menu

- The **Image Preset Mode** setting is added and related settings are gathered under the **Image Enhancement** setting.

Signal I/O menu

- The **EDID** settings for individual input sources are added.
- The **HDMI Out Intensity** setting is added.
- The **Audio3** option in the **Audio Output** and **HDMI Audio Output** setting changes to **Audio** to match with the interface name.

Operation menu

- The **USB Display** option in the **Auto Power On** setting appears only when the **USB Display** setting is set to **On** in the projector's **Signal I/O** menu.

Network menu

- The Wi-Fi generation information is displayed as the **Wireless LAN system** in the **Wireless LAN Info**.
- The **Projector Keyword** setting is moved to the **Network Projection** setting from the **Epson iProjection** setting.
- The **Interrupt Connection** setting is added to the **Screen Mirroring** setting.

ECO menu

- The **Sleep Mode Timer** setting is added.
- The **A/V Mute Timer** setting is added.

Initial/All Settings menu

- The **Firmware Update** setting is added.

Related Links
- "Image Enhancement" p.12
- "EDID" p.12
- "HDMI Out Intensity" p.13
- "Audio Output and HDMI Audio Output" p.13
- "Auto Power On" p.14
- "Wireless LAN system" p.14
- "Projector Keyword" p.15
- "Interrupt Connection" p.15
- "ECO Menu" p.15
- "Firmware Update" p.15

Updates to User Operations (Version 1.50)

The following projector operations have changed in firmware version 1.50:

- You can use the USB Display feature on macOS 10.15.x (64-bit).
- You can play .mp4/.mov (H.264, H265) files using the PC Free feature.
- You can use two Screen Mirroring sources (Screen Mirroring1 and Screen Mirroring2).
- You can use some additional functions of the **Screen Sharing** feature.
- When you change the **Screen Type** setting, restarting the projector is recommended.
- When you access the **Epson Web Control** screen, changing the password is recommended.
- When you turn on the **Menu Protection** setting, the protected menus do not reset to the default values using the **Reset All** option.

Related Links
- "Supported OS for USB Display" p.19

- "Supported PC Free Movie Format" p.19
- "Two Screen Mirroring Sources" p.20
- "Screen Sharing Additional Functions" p.20
- "Change Screen Type" p.21
- "Epson Web Control Password" p.21
- "Reset All Option for Protected Items" p.21

Refer to these sections for a summary of the updated features of projector firmware version 2.00 (EB-1485Fi/EB-1480Fi).

Related Links
- "Updates to Projector Menus (Version 2.00)" p.7
- "Updates to User Operations (Version 2.00)" p.7

Updates to Projector Menus (Version 2.00)

The following projector menus have changed in firmware version 2.00:

Display menu

- The **Sort Source Thumbnails** setting is added.
- The **Menu Color** setting is added.

Management menu

- The icon is added to the **Language** setting.

Interactive menu

- The **Toolbar Color** setting is added.

Related Links
- "Sort Source Thumbnails" p.22
- "Menu Color and Toolbar Color" p.22
- "Language" p.22

Updates to User Operations (Version 2.00)

The following projector operations have changed in firmware version 2.00:

- You can use several geometry correction types in combination.
- When you change the **HDMI Out Setting**, restarting the projector is recommended.
- The **Schedule** settings reset to the default settings when you use the **Reset Management** or **Reset All** option.
- You can use the computer interactive feature while projecting Screen Mirroring source.
- You can output HDCP-disabled Screen Mirroring image to HDMI Out port.
- You can check the IP address of the projector that receives shared screen by displaying a screen sharing guidance screen.

Related Links
- "Combination of Geometry Correction" p.23
- "Change HDMI Out Setting" p.23
- "Reset Schedule Setting" p.23
- "Computer Interactive Mode for Screen Mirroring Source" p.23
- "Outputting Screen Mirroring Image to HDMI Out Port" p.24
- "Screen Sharing Guidance Screen for Receiving Projector" p.24

Refer to these sections for a summary of the updated features of projector firmware version 2.10 (EB-1485Fi/EB-1480Fi).

Related Links
- "Updates to User Operations (Version 2.10)" p.8

Updates to User Operations (Version 2.10)

The following projector operations have changed in firmware version 2.10:

- You can use additional **Zoom** options to change the whiteboard zoom ratio to fit width or fit height during split screen projection.
- You can switch to the whiteboard screen using commands.

Related Links
- "Additional Whiteboard Zoom Options" p.25
- "Switching to Whiteboard Screen Using Commands" p.25

Refer to these sections for a summary of the updated features of projector firmware version 3.00.

Related Links
- "Updates to Projector Menus (Version 3.00)" p.9
- "Updates to User Operations (Version 3.00)" p.9

Updates to Projector Menus (Version 3.00)

The following projector menus have changed in firmware version 3.00 for newly added optional wireless presentation system:

Signal I/O Menu

- The display condition for the **A/V Output** setting is added.

Display Menu

- A setting value is added to the **No-signal Screen** setting.
- The display condition for the **Home Screen Auto Disp.** setting is added.

Operation Menu

- The display conditions for the **Standby Mode** and **Quick Startup** settings are added.

Network Menu

- The setting for the **Transmitter Settings** is added.

Network Settings Menu

- The **Wireless LAN Sys.** setting is added.

Updates to User Operations (Version 3.00)

You can project with the newly added optional wireless presentation system in firmware version 3.00.

The wireless presentation system (ELPWP10) includes two wireless transmitters (ELPWT01) and one wireless LAN module (ELPAP11).

See the *Epson Wireless Presentation System User's Guide* for details.

Refer to these sections for a summary of the updated features of projector firmware version 3.01.

Related Links
- "Updates to Projector Menus (Version 3.01)" p.10

Updates to Projector Menus (Version 3.01)

The following projector menus have changed in firmware version 3.01 to support the Microsoft Teams Rooms:

Signal I/O Menu

- The display condition for the **A/V Output** setting is added.

Operation Menu

- The feature of the **Auto Power On** setting is changed.
- The **Power On Trigger** setting is added.
- The display conditions for the **Standby Mode** and **Quick Startup** settings are added.

Network Menu

- The display condition for the **Auto Power On** setting in the setting for the **Transmitter Settings** is added.

Details of Updated Firmware

Check these sections for the updated details of firmware.

Related Links

- "Details of Updated Projector Menus (Version 1.50)" p.12
- "Details of User Operation Change (Version 1.50)" p.19
- "Details of Updated Projector Menus (Version 2.00)" p.22
- "Details of User Operation Change (Version 2.00)" p.23
- "Details of User Operation Change (Version 2.10)" p.25
- "Details of Updated Projector Menus (Version 3.00)" p.26
- "Details of User Operation Change (Version 3.00)" p.29
- "Details of Updated Projector Menus (Version 3.01)" p.31

Refer to these sections for details about projector menu changes (EB-1485Fi/EB-1480Fi).

Related Links

- "Image Enhancement" p.12
- "EDID" p.12
- "HDMI Out Intensity" p.13
- "Audio Output and HDMI Audio Output" p.13
- "Auto Power On" p.14
- "Wireless LAN system" p.14
- "Projector Keyword" p.15
- "Interrupt Connection" p.15
- "ECO Menu" p.15
- "Firmware Update" p.15

Image Enhancement

The **Image Preset Mode** setting is added and related settings are gathered under the **Image Enhancement** setting.

Previous Image Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
Image	Noise Reduction	—
	MPEG Noise Reduction	—
	Deinterlacing	—
	Super-resolution	—
	Detail Enhancement	—

New Image Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Image	Image Enhancement	Image Preset Mode
		Noise Reduction
		MPEG Noise Reduction
		Deinterlacing
		Super-resolution
		Detail Enhancement

The Image Preset Mode setting allows you to select the **Image Enhancement** options collectively with preset values.

EDID

The **EDID** settings for individual input sources are added. You can select the **EDID** setting for each source without changing the input source.

Previous Signal I/O Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
Signal I/O	EDID	—

Selected EDID is applied to the current input source.

New Signal I/O Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Signal I/O	EDID	HDMI1
		HDMI2
		HDMI3
		HDBaseT

Selected EDID is applied to the specified source regardless of the current input source.

HDMI Out Intensity

The **HDMI Out Intensity** setting is added. When you cannot display the image output from the HDMI Out port correctly, try changing this setting.

Previous Signal I/O Menu (Version 1.00)

No setting is available.

New Signal I/O Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Signal I/O	HDMI Out Intensity	• High • Medium • Low • Off

Audio Output and HDMI Audio Output

The **Audio3** options in the **Audio Output** and **HDMI Audio Output** settings change to **Audio** to match with the interface name.

Previous Signal I/O Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
Signal I/O	Audio Output	• Auto • Audio1 • Audio2 • Audio3

	HDMI Audio Output	• HDMI1
		  • HDMI
		  • Audio1
		  • Audio2
		  • Audio3
		• HDMI2
		  • HDMI
		  • Audio1
		  • Audio2
		  • Audio3
		• HDMI3
		  • HDMI
		  • Audio1
		  • Audio2
		  • Audio3

New Signal I/O Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Signal I/O	Audio Output	• Auto • Audio • Audio1 • Audio2

Top menu	Sub menu	Items or setting values

	HDMI Audio Output	• HDMI1
		  • HDMI
		  • Audio
		  • Audio1
		  • Audio2
		• HDMI2
		  • HDMI
		  • Audio
		  • Audio1
		  • Audio2
		• HDMI3
		  • HDMI
		  • Audio
		  • Audio1
		  • Audio2

When you input audio from the Audio port, select **Audio**.

Auto Power On

The **USB Display** option in the **Auto Power On** setting appears only when the **USB Display** setting is set to **On** in the projector's **Signal I/O** menu.

Previous Operation Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
Operation	Auto Power On	• HDMI • Computer1 • USB Display • Off

New Operation Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Operation	Auto Power On (When USB Display is On)	• HDMI • Computer1 • USB Display • Off
	Auto Power On (When USB Display is Off)	• HDMI • Computer1 • Off

Wireless LAN system

The Wi-Fi generation information is displayed as the **Wireless LAN system** in the **Wireless LAN Info**.

Previous Network Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
Network	Wireless LAN Info	—
	Simple AP	—

New Network Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Network	Wireless LAN Info	Wireless LAN • Wireless LAN system Simple AP • Wireless LAN system

In the Wireless LAN system item, the Wi-Fi generation information such as Wi-Fi 4 or Wi-Fi 5 is displayed.

Projector Keyword

The **Projector Keyword** setting is moved to the **Network Projection** setting from the **Epson iProjection** setting.

Previous Network Settings Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
Network Settings	Network Projection	Epson iProjection • Projector Keyword

New Network Settings Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Network Settings	Network Projection	Projector Keyword
		Epson iProjection

Interrupt Connection

The **Interrupt Connection** setting is added to the **Screen Mirroring** setting.

Previous Network Settings Menu (Version 1.00)

No setting is available.

New Network Settings Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Network Settings	Network Projection	Screen Mirroring • Interrupt Connection

Interrupt Connection lets you connect to another mobile device during Screen Mirroring projection or to exclusively connect to one device. If you want to use two Screen Mirroring sources, set this to **Off**.

ECO Menu

The **Sleep Mode Timer** and **A/V Mute Timer** settings are added.

Previous ECO Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
ECO	Sleep Mode	—

New ECO Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
ECO	Sleep Mode	—
	Sleep Mode Timer	—
	A/V Mute Timer	—

See the **Operation** menu table in your *User's Guide* for details on the settings.

Firmware Update

The **Firmware Update** setting is added.

Previous Initial/All Settings Menu (Version 1.00)

Top menu	Sub menu	Items or setting values
Initial/All Settings	Reset All	—

New Initial/All Settings Menu (Version 1.50)

Top menu	Sub menu	Items or setting values
Initial/All Settings	Reset All	—
	Firmware Update	—

When you select the Firmware Update option, the projector enters the firmware update mode and is ready to update firmware using the USB-A or USB-B port.

Related Links
- "Updating Firmware Using a USB Storage Device" p.16
- "Updating Firmware Using a Computer and USB Cable" p.17

Updating Firmware Using a USB Storage Device

You can update the projector's firmware using a USB storage device.

Responsibility for updating the firmware lies with the customer. If a firmware update fails due to problems such as a power failure or communication problems, a fee will be charged for any necessary repairs.

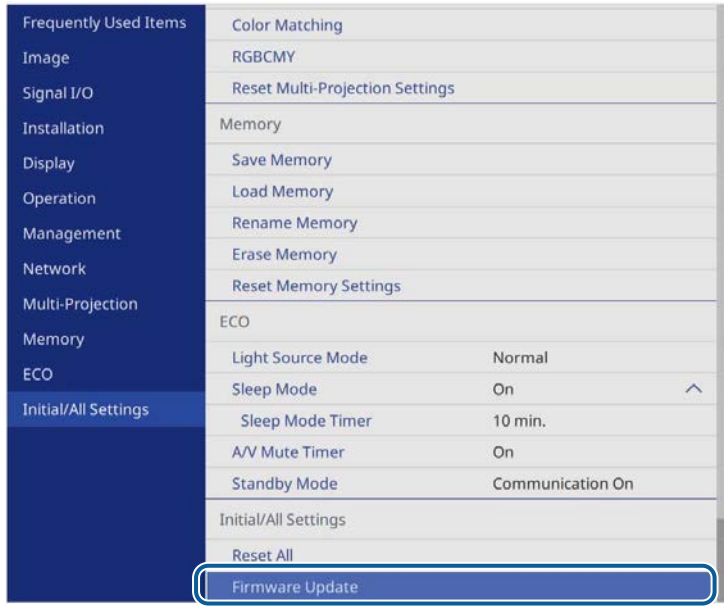
1. Download the projector firmware file from the Epson Web site.
2. Copy the downloaded firmware file to the root folder (highest folder in the hierarchy) of the USB storage device.

- The USB storage device must be formatted in FAT format.
- Do not copy any other files to the USB storage device.
- Do not change the firmware's file name. If the file name is changed, the firmware update will not start.
- Check that the firmware file you copied is the correct file for your projector model. If the firmware file is not correct, the firmware update will not start.

3. Connect the USB storage device to the projector's USB-A1 port.

Connect the USB storage device directly to the projector. If the USB storage device is connected using a USB hub, the firmware update may not be applied correctly.

4. Press the [Menu] button and select **Firmware Update** from the projector's **Initial/All Settings** menu.



5. Select **Yes** to start the firmware update.

- Do not disconnect the power cord from the projector while the firmware is updating. If the power cord is disconnected, the projector may not start correctly.
- Do not disconnect the USB storage device from the projector while the firmware is updating. If the USB storage device is disconnected, the update may not be applied correctly.

All of the projector's indicators start flashing and the firmware update starts. After the update finishes normally, the projector enters standby mode (only the power indicator is lit blue). If **Direct Power On** is set to **On** in the projector's **Operation** menu, the projector turns back on again.

After finishing the update, check the **Information** menu from the projector's **Management** menu to make sure **Version** is updated to the desired firmware version.

When all indicators flash rapidly, the firmware update may have failed. Disconnect the power cord from the projector and then reconnect it to the projector. If the indicators continue to flash even after reconnecting the power cord, remove the power plug from the electrical outlet and contact Epson.

Updating Firmware Using a Computer and USB Cable

You can update the projector's firmware using a computer with a USB cable.

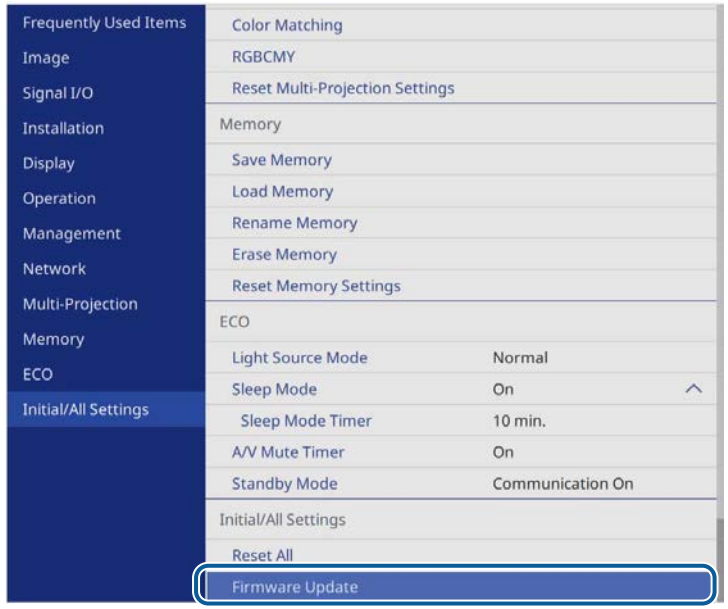
- Responsibility for updating the firmware lies with the customer. If a firmware update fails due to problems such as a power failure or communication problems, a fee will be charged for any necessary repairs.
- Your computer must use one of the following operating systems to update firmware:
  - Windows 8.1 (32- and 64-bit)
  - Windows 10 (32- and 64-bit)
  - macOS 10.13.x (64-bit)
  - macOS 10.14.x (64-bit)
  - macOS 10.15.x (64-bit)

1 Download the projector firmware file from the Epson Web site.

- Do not change the firmware's file name. If the file name is changed, the firmware update will not start.
- Check that the firmware file you copied is the correct file for your projector model. If the firmware file is not correct, the firmware update does not start.

2 Connect the USB cable to the computer's USB port and to the projector's USB-B1 port.

3 Press the [Menu] button and select **Firmware Update** from the projector's **Initial/All Settings** menu.



4 Select **Yes** to start the firmware update.

Do not disconnect the power cord from the projector while the firmware is updating. If the power cord is disconnected, the projector may not start correctly.

All of the projector's indicators turn on and projector enters the firmware update mode. The computer recognizes the projector as a removable disk.

5 On the computer, copy the firmware file to the root folder (highest folder in the hierarchy) of the removable disk.

- Do not copy any other files or folders to the removable disk. Otherwise, the files or folders may be lost.
- The projector turns off automatically if the USB cable or the power cord are disconnected before the firmware file can be copied to the removable disk. Perform the procedure again.

6 Perform the steps to safely remove a USB device from the computer and disconnect the USB cable from the projector.

All of the projector's indicators start flashing and the firmware update starts. After the update finishes normally, the projector enters standby mode (only the power indicator is lit blue). If **Direct Power On** is set to **On** in the projector's **Operation** menu, the projector turns back on again.

After finishing the update, check the **Information** menu from the projector's **Management** menu to make sure **Version** is updated to the desired firmware version.

- When all indicators flash rapidly, the firmware update may have failed. Disconnect the power cord from the projector and then reconnect it to the projector. If the indicators continue to flash even after reconnecting the power cord, remove the power plug from the electrical outlet and contact Epson.
- If no operations are performed for 20 minutes in update mode, the projector turns off automatically. Perform the procedure again.

Refer to these sections for details on changes to user operations (EB-1485Fi/EB-1480Fi).

Related Links

- "Supported OS for USB Display" p.19
- "Supported PC Free Movie Format" p.19
- "Two Screen Mirroring Sources" p.20
- "Screen Sharing Additional Functions" p.20
- "Change Screen Type" p.21
- "Epson Web Control Password" p.21
- "Reset All Option for Protected Items" p.21

Supported OS for USB Display

You can use the USB Display feature on macOS 10.15.x (64-bit).

Previous Supported macOS for USB Display (Version 1.00)

- 10.12.x (64-bit)
- 10.13.x (64-bit)
- 10.14.x (64-bit)

New Supported macOS for USB Display (Version 1.50)

- 10.12.x (64-bit)
- 10.13.x (64-bit)
- 10.14.x (64-bit)
- 10.15.x (64-bit)

Supported PC Free Movie Format

You can play .mp4/.mov (H.264, H265) files using the PC Free feature.

Previous Supported Movie Format for PC Free (Version 1.00)

File type (extension)	Details
.avi (Motion JPEG)	• Version: AVI 1.0 only • Audio Codec: PCM or ADPCM • Resolution: 1280 × 720 or less • Size: 2 GB or less • Audio Sampling Rate: 11.025 kHz, 22.05 kHz, 44.1 kHz, 16 kHz, 24 kHz, or 32 kHz

New Supported Movie Format for PC Free (Version 1.50)

File type (extension)	Details
.avi (Motion JPEG)	• Version: AVI 1.0 only • Resolution: 1280 × 720 or less • Size: 2 GB or less • Movie Codec: Motion JPEG • Frame Rate: up to 30 fps • Audio Codec: LPCM or IMA ADPCM • Audio Sampling Rate: 11.025 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, or 44.1 kHz

File type (extension)	Details

.mp4/.mov (H.264, H265)	• Resolution: 1920 × 1200 or less
	• Size: 2 GB or less
	• Movie Codec: H.264/MPEG-4 AVC or H.265/MPEG-H HEVC
	• Frame Rate: up to 30 fps
	• Profile:
	  • H.264/MPEG-4 AVC: Baseline Profile, Main Profile, High Profile
	  • H.265/MPEG-H HEVC: Main Profile
	• Color Format: YUV420
	• Single slice structure
	• Audio Codec: MPEG-2 AAC-LC, MPEG-4 AAC-LC, or LPCM
	• Audio Channel: up to 2ch (channel 2)
	• Audio Bit: 8 bits or 16 bits
	• Audio Sampling Rate:
	  • MPEG-2 AAC-LC: 44.1 kHz, 48 kHz
	  • MPEG-4 AAC-LC: 44.1 kHz, 48 kHz
	  • LPCM: 11.025 kHz, 16 kHz, 22.05 kHz, 24 kHz, 32 kHz, 44.1 kHz, or 48 kHz

Two Screen Mirroring Sources

You can connect two devices that use Miracast technology at the same time. The projector detects the input sources as Screen Mirroring1 and Screen Mirroring2.

Previous Screen Mirroring Operation (Version 1.00)

You can connect only one device.

New Screen Mirroring Operation (Version 1.50)

You can connect up to two devices at the same time. To connect two devices, set the **Interrupt Connection** setting to **Off** in the projector's **Network** menu.

☛ **Network** > **Network Settings** > **Network Projection** > **Screen Mirroring** > **Interrupt Connection**

- When you split the screen into quarters and you want to select the USB, Screen Mirroring1 and Screen Mirroring2 input sources, you can only select up to two sources from them.
- When you use the PJLink input source command, you can use the following numbers.
  - Screen Mirroring1: 57
  - Screen Mirroring2: 58

Screen Sharing Additional Functions

Some operations have changed when using the Screen Sharing feature among projectors. You can share the screen even if the firmware version differs among projectors, but you may not be able to share the screen depending on the projector settings. It is recommended that you use the screen sharing feature among projectors that have the same firmware version.

Previous Screen Sharing Operation (Version 1.00)

- For distributing projector, the **Screen Type** setting in the **Installation** menu must be set to **16:9**, **16:10**, or **4:3**.
- For receiving projector, the **Screen Type** must be the same as the distributing projector.
- For receiving projector, you can only use the predefined drawing tools.

New Screen Sharing Operation (Version 1.50)

- For both distributing and receiving projectors, you can select any **Screen Type** setting.
- For receiving projector, you can select the type of drawing tools using the toolbar. (You cannot use the highlighter tool.)

- You can also use the mini toolbox by pressing the button on the side of the pen anywhere in the drawing area. You can switch the type of pen or eraser on the mini toolbox.
- When performing touch operations with your finger, you cannot display the mini toolbox.

Change Screen Type

When you change the **Screen Type** setting, you may need to restart your projector so that the projector features work correctly.

Previous Screen Type Operation (Version 1.00)

When you change the **Screen Type**, restarting is not required.

New Screen Type Operation (Version 1.50)

When you change the **Screen Type**, you see a message prompting you to restart the projector. Follow the on-screen instructions to restart the projector.

Epson Web Control Password

When you access to **Epson Web Control** screen and select **Advanced** settings, changing the password is recommended.

Previous Epson Web Control Operation (Version 1.00)

You can use **Epson Web Control** without changing the password.

New Epson Web Control Operation (Version 1.50)

When you access to **Advanced** setting of **Epson Web Control**, you see a message prompting you to change the password. Follow the on-screen instructions to change the password.

It is strongly recommended to change your password regularly to prevent any unauthorized access to your projector.

Reset All Option for Protected Items

When you turn on the **Menu Protection** setting, the protected menus do not reset to the default values when using the **Reset All** option.

Previous Reset All Option (Version 1.00)

When you select the **Reset All** option, all settings return to their default values regardless of the **Menu Protection** setting.

New Reset All Option (Version 1.50)

For the **Network** and **Interactive** menus, if you turn on the **Menu Protection** setting, the settings do not return to their default values when using the **Reset All** option.

Refer to these sections for details about projector menu changes (EB-1485Fi/EB-1480Fi).

Related Links

- "Sort Source Thumbnails" p.22
- "Menu Color and Toolbar Color" p.22
- "Language" p.22

Sort Source Thumbnails

The **Sort Source Thumbnails** setting is added to the **Display** menu.

Previous Display Menu (Version 1.00)

No setting is available.

New Display Menu (Version 2.00)

Top menu	Sub menu	Items or setting values
Display	Sort Source Thumbnails	• On • Off

The **Sort Source Thumbnails** setting specifies whether or not to display the detected input source in the upper left position of the Home screen. If you turn on this setting, the display order of the input sources changes when the projector detects an input signal.

Menu Color and Toolbar Color

The **Menu Color** setting is added to the **Display** menu and the **Toolbar Color** setting is added to the **Interactive** menu.

Previous Display Menu (Version 1.00)

No setting is available.

New Display and Interactive Menu (Version 2.00)

Top menu	Sub menu	Items or setting values
Display	Menu Color	• Black • White
Interactive	Toolbar Color	• Black • White

The **Menu Color** setting specifies the color theme of the Home screen and projector menu system. The **Toolbar Color** setting specifies the interactive toolbar color.

Language

The icon is added to the **Language** setting so that you can identify the language menu even when a foreign language is selected to the menu system.

Refer to these sections for details on changes to user operations (EB-1485Fi/EB-1480Fi).

Related Links

- "Combination of Geometry Correction" p.23
- "Change HDMI Out Setting" p.23
- "Reset Schedule Setting" p.23
- "Computer Interactive Mode for Screen Mirroring Source" p.23
- "Outputting Screen Mirroring Image to HDMI Out Port" p.24
- "Screen Sharing Guidance Screen for Receiving Projector" p.24

Combination of Geometry Correction

You can use several geometry correction types in combination. By using several correction types in combination, you can first make approximate corrections, and then make precise corrections as described in the examples below.

- After you use **Arc Correction**, you can perform **Quick Corner**, and then **Point Correction**.
- After you use **Quick Corner**, you can perform **Point Correction**.

Previous Geometry Correction Operation (Version 1.00)

You cannot use several geometry correction types in combination.

New Geometry Correction Operation (Version 2.00)

When you select the **Arc Correction** or **Point Correction** setting, you can switch to the correction type you want to use in combination.

Change HDMI Out Setting

When you change the **Number of Projectors** or the **Order** setting in the **HDMI Out Setting**, you may need to restart your projector so that the projector features work correctly.

Previous HDMI Out Setting Operation (Version 1.00)

When you change the **Number of Projectors** or the **Order** setting in the **HDMI Out Setting**, restarting is not required.

New HDMI Out Setting Operation (Version 2.00)

When you change the **Number of Projectors** or the **Order** setting in the **HDMI Out Setting**, you see a message prompting you to restart the projector. Follow the on-screen instructions to restart the projector.

Reset Schedule Setting

You can reset the **Schedule Settings** by selecting the **Reset Management** or **Reset All** option.

Previous Reset Operation (Version 1.00)

You cannot reset the **Schedule Settings**.

New Reset Operation (Version 2.00)

When you select the **Reset Management** or **Reset All** option, you can reset the **Schedule Settings**.

Computer Interactive Mode for Screen Mirroring Source

When the projector is connected to a computer with a Screen Mirroring, you can operate the computer from the projected screen using the interactive pens or your finger, just as you would use with a mouse.

Previous Interactive Operation (Version 1.00)

When the projector is connected to a computer with a Screen Mirroring, you cannot operate the computer using the interactive pens or your finger.

New Interactive Operation (Version 2.00)

You can use the computer interactive mode for Screen Mirroring source if your computer is Windows 10 and supports UIBC (User Input Back Channel).

When connecting using a Screen Mirroring, hold down the Windows key and press **K** on your keyboard at the same time, then select **Allow mouse, keyboard, touch, and pen input from this device**.

Outputting Screen Mirroring Image to HDMI Out Port

You can output HDCP-disabled Screen Mirroring image to HDMI Out port.

Previous HDMI Out Operation (Version 1.00)

You cannot output Screen Mirroring image to HDMI Out port.

New HDMI Out Operation (Version 2.00)

When you select the **Capture** setting, you can change the behavior of the HDMI Out port.

☛ **Network** > **Network Settings** > **Network Projection** > **Screen Mirroring** > **Capture**

Enabled allows you to output Screen Mirroring image to the HDMI Out port. HDCP feature is disabled and you may not be able to project content with them. If you want to project content with HDCP feature, select **Disabled**.

Screen Sharing Guidance Screen for Receiving Projector

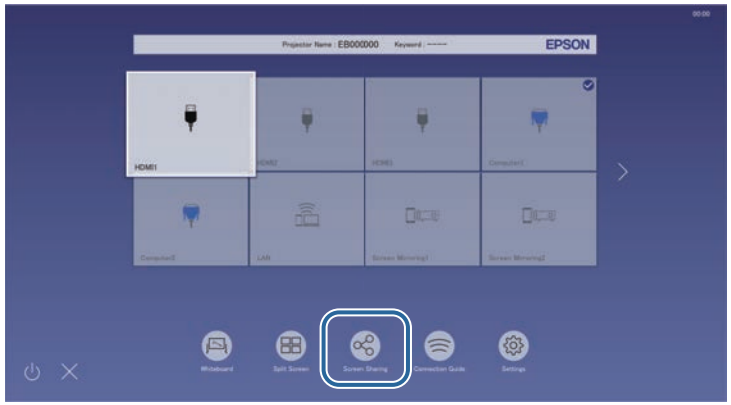
When you share the screen, you must specify the IP address of receiving projector. You can check the IP address by displaying a screen sharing guidance screen.

Previous Screen Sharing Operation (Version 1.00)

You can check the IP address of the receiving projector on the network information screen displayed when you press the [LAN] button on the remote control.

New Screen Sharing Operation (Version 2.00)

On receiving projector, select **Screen Sharing** on the Home screen, and then select **Receive shared screen**. You can check the IP address of the receiving projector on the displayed guidance screen.



Refer to these sections for details on changes to user operations (EB-1485Fi/EB-1480Fi).

Related Links

- "Additional Whiteboard Zoom Options" p.25
- "Switching to Whiteboard Screen Using Commands" p.25

Additional Whiteboard Zoom Options

You can use additional **Zoom** options to change the whiteboard zoom ratio to fit width or fit height during split screen projection. While enlarging the image, you can drag the screen to move the displayed position.

Previous Zoom Operation (Version 1.00)

When you press the button at the left of the whiteboard screen, the following zoom options are available.

- : Reduces the image.
- : Enlarges the image.
- : Returns to the original size.
- : Enlarges the selected area.

New Zoom Operation (Version 2.10)

When you press the button at the left of the whiteboard screen, the following zoom options are available in addition to the previous options.

- : Change the zoom ratio to fit width to display the whole whiteboard screen during split screen projection.
- : Change the zoom ratio to fit height to display the full-size whiteboard screen during split screen projection.

Switching to Whiteboard Screen Using Commands

You can switch to the whiteboard screen using commands.

Previous Command Operation (Version 1.00)

You cannot switch to the whiteboard screen using any commands.

New Command Operation (Version 2.10)

You can use the following commands to switch to the whiteboard screen.

Type of Command	Command	Setting Value
ESC/VP21	SOURCE xx	55: Whiteboard
PJLink	INPT	55: Whiteboard

Refer to these sections for details about projector menu changes.

Related Links

- "A/V Output" p.26
- "No-signal Screen" p.26
- "Home Screen Auto Disp." p.26
- "Standby Mode and Quick Startup" p.27
- "Transmitter Settings" p.27
- "Wireless LAN Sys." p.27

A/V Output

The display condition for the **AV Output** setting is added.

Previous Signal I/O Menu (Version 2.00)

Top menu	Sub menu	Display condition
Signal I/O	A/V Output	Setting is only displayed when **Quick Startup** is set to **Off** in the projector's **Operation** menu.

New Signal I/O Menu (Version 3.00)

Top menu	Sub menu	Display condition
Signal I/O	A/V Output	Setting is only displayed in the following cases: • **Quick Startup** is set to **Off** in the projector's **Operation** menu. • **Auto Power On** is set to **Off** in the projector's **Network** menu.

No-signal Screen

Graduation is added as a setting value of the **No-signal Screen** setting.

Previous Display Menu (Version 2.00)

Top menu	Sub menu	Items or setting values
Display	No-signal Screen	Black Blue Logo

New Display Menu (Version 3.00)

Top menu	Sub menu	Items or setting values
Display	No-signal Screen	Black Blue Logo Gradation

Home Screen Auto Disp.

The display condition for the **Home Screen Auto Disp.** setting is added.

Previous Display Menu (Version 2.00)

Top menu	Sub menu	Display condition
Display	Home Screen Auto Disp.	—

New Display Menu (Version 3.00)

Top menu	Sub menu	Display condition
Display	Home Screen Auto Disp.	Setting is only displayed when **Connection Guide Display** is set to **Off** in the projector's **Network** menu.

Standby Mode and Quick Startup

The display conditions for the **Standby Mode** and **Quick Startup** settings are added.

Previous Operation Menu (Version 2.00)

Top menu	Sub menu	Display condition
Operation	Standby Mode	Setting is only displayed when **A/ V Output** is set to **While Projecting** in the projector's **Signal I/O** menu.
	Quick Startup	

New Operation Menu (Version 3.00)

Top menu	Sub menu	Display condition
Operation	Standby Mode	Setting is only displayed in the following cases: • **A/V Output** is set to **While Projecting** in the projector's **Signal I/O** menu. • **Auto Power On** is set to **Off** in the projector's **Network** menu.
	Quick Startup	

Transmitter Settings

The setting for the **Transmitter Settings** is added.

Previous Network Menu (Version 2.00)

No setting is available.

New Network Menu (Version 3.00)

Top menu	Sub menu	Items or setting values
Network	Transmitter Settings	Start Pairing
		Auto Power On
		Connection Guide Display

Start Pairing

Updates the network information of the wireless transmitter from your computer using the Epson Wireless Transmitter Settings software. See the *Epson Wireless Transmitter Settings Operation Guide* for details.

This setting is only displayed when the wireless LAN module is installed and **Simple AP** is set to **On** in the projector's **Network Settings** menu.

Auto Power On

Set to **On** to turn on the projector automatically when you connect a computer using the optional wireless presentation systems.

This setting is only displayed in the following cases:

- When **A/V Output** is set to **While Projecting** in the projector's **Signal I/O** menu.
- When **Quick Startup** is set to **Off** in the projector's **Operation** menu.

Connection Guide Display

Set to **On** to automatically display the connection guide for the wireless transmitter (Epson Wireless Presentation) instead of the Home screen when there is no input signal when you turn on the projector. The changed setting takes effect the next time you turn on the projector.

When you use a QR code to connect a mobile device, set to **Off**.

This setting is only displayed when **Content Playback** is set to **Off** in the projector's **Operation** menu.

Wireless LAN Sys.

The **Wireless LAN Sys.** setting is added.

Previous Network Settings Menu (Version 2.00)

No setting is available.

New Network Settings Menu (Version 3.00)

Top menu	Sub menu	Items or setting values
Network	Network Settings	Wireless LAN Sys. • 802.11ac (Wi-Fi 5) • 802.11n (Wi-Fi 4)

Sets the communication method between the projector and the mobile device.

The available methods vary depending on countries and regions.

Refer to these sections for details on changes to user operations.

Related Links
- "Using the Wireless Presentation System to Connect Windows/Mac Computers" p.29

Using the Wireless Presentation System to Connect Windows/Mac Computers

You can use the optional wireless presentation system to quickly connect the projector to computers wirelessly and project your image. Your wireless presentation system (ELPWP10) includes two wireless transmitters (ELPWT01) and one wireless LAN module (ELPAP11).

See the *Epson Wireless Presentation System User's Guide* for details.

Related Links
- "Setting Up the Wireless Presentation System for the First Time" p.29
- "Projecting with the Wireless Presentation System" p.30

Setting Up the Wireless Presentation System for the First Time

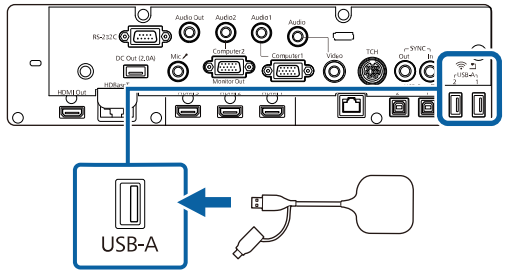
The first time you start using the wireless presentation system, you need to make preparations such as pairing the wireless transmitters with the projector.

The procedure in this guide is explained using illustration of EB-1485Fi.

- Select network settings for the projector before pairing.
- You need to pair the wireless transmitters again when you change **Projector Name** or **Passphrase** in the **Network Settings** menu.
- You can also pair the wireless transmitters from your computer using the Epson Wireless Transmitter Settings software. See the *Epson Wireless Transmitter Settings Operation Guide* for details.
- You can download the necessary software and manuals from the following Web site:
  epson.sn

1 Turn on the projector.

2 Connect the wireless transmitter to the projector's USB-A port.



The network information is written and a completion message is displayed. It may take some time to finish pairing.

⚠ Caution

Do not disconnect the power cord or the wireless transmitter from the projector while the network information is being written. If the power cord or wireless transmitter is disconnected, the projector may not start correctly. Make sure the completion message is displayed before disconnecting the wireless transmitter.

3 Connect the other wireless transmitters if you want to continue pairing.

4 Select **Yes** to set **Connection Guide Display** to **On** if necessary.

- We recommend selecting **Yes**. The next time you turn on the projector and no signal is being input, the connection guide for the wireless transmitter (Epson Wireless Presentation) is displayed.
- The message prompting you to set **Connection Guide Display** to **On** is displayed when **Connection Guide Display** is set to **Off** and **Content Playback** is set to **Off**.
- You can change the connection guide display in the projector's **Network** menu.
  ☛ **Network** > **Transmitter Settings** > **Connection Guide Display**

5. Remove the wireless transmitter from the projector and insert the wireless LAN module into the same port used for the wireless transmitter.

6. Press the [Menu] button on the control panel or remote control.

7. Make sure **Wireless LAN Power** is set to **On** in the projector's **Management** menu and **Simple AP** is set to **On** in the projector's **Network Settings** menu.

We recommend turning the projector off and then back on to enable the connection guide display.

If you set the **Auto Power On** setting to **On** in the projector's **Network** menu, you can start projection even if the projector is in standby mode (when the power is off).

☛ **Network** > **Transmitter Settings** > **Auto Power On**

Projecting with the Wireless Presentation System

You can use the paired wireless transmitter to quickly establish direct connection between the projector (receiver) and Windows/Mac computers and easily project your images.

Make sure the wireless LAN module is installed into your projector.

1. Turn on the projector.

2. Connect the wireless transmitter to a USB port on your computer.

3. Project your content with the Epson Wireless Presentation software in the wireless transmitter. See the *Epson Wireless Presentation System User's Guide* for details.

Refer to these sections for details about projector menu changes.

Related Links

- "A/V Output" p.31
- "Auto Power On" p.31
- "Power On Trigger" p.31
- "Standby Mode and Quick Startup" p.32
- "Transmitter Settings" p.32

A/V Output

The display condition for the **A/V Output** setting is added.

Previous Signal I/O Menu (Version 3.00)

Top menu	Sub menu	Display condition
Signal I/O	A/V Output	Setting is only displayed in the following cases: • **Quick Startup** is set to **Off** in the projector's **Operation** menu. • **Auto Power On** is set to **Off** in the projector's **Network** menu.

New Signal I/O Menu (Version 3.01)

Top menu	Sub menu	Display condition
Signal I/O	A/V Output	Setting is only displayed in the following cases: • **Power On Trigger** is set to **Plug-in Detection** in the projector's **Operation** menu. • **Quick Startup** is set to **Off** in the projector's **Operation** menu. • **Auto Power On** is set to **Off** in the projector's **Network** menu.

Auto Power On

The feature of the **Auto Power On** setting is changed.

Previous Operation Menu (Version 3.00)

Top menu	Sub menu	Feature
Operation	Auto Power On	Sets the image source from which you want to automatically start projection. When the projector detects the input signal from the selected image source, it projects automatically in standby mode. **USB Display** is only displayed when **USB Display** is set to **On**. (EB-1485Fi/EB-1480Fi)

New Operation Menu (Version 3.01)

Top menu	Sub menu	Feature
Operation	Auto Power On	Sets the image source from which you want to automatically start projection. When you select **HDMI1**, you can set the method for automatically turning on the projector in the **Power On Trigger** setting. **USB Display** is only displayed when **USB Display** is set to **On**. (EB-1485Fi/EB-1480Fi)

Power On Trigger

The **Power On Trigger** setting is added.

Previous Operation Menu (Version 3.00)

No setting is available.

New Operation Menu (Version 3.01)

Top menu	Sub menu	Items or setting values
Operation	Power On Trigger	Plug-in Detection
		Signal Detection

Sets the way the projector turns on when **Auto Power On** is set to **HDMI1**.

Plug-in Detection
Automatically turns on the projector when it detects that a connected device has been turned on.

Signal Detection
Automatically turns on the projector when it detects an HDMI video signal.

This is useful for video meetings using Microsoft Teams Rooms. The projector turns on automatically when it receives an HDMI video signal from a device that supports Microsoft Teams Rooms and you can start the meeting immediately.

When set to **Signal Detection**, the standby power increases. Please consider the environment before making any changes.

Standby Mode and Quick Startup

The display conditions for the **Standby Mode** and **Quick Startup** settings are added.

Previous Operation Menu (Version 3.00)

Top menu	Sub menu	Display condition
Operation	Standby Mode	Setting is only displayed in the following cases: • **A/V Output** is set to **While Projecting** in the projector's **Signal I/O** menu. • **Auto Power On** is set to **Off** in the projector's **Network** menu.
	Quick Startup	

New Operation Menu (Version 3.01)

Top menu	Sub menu	Display condition
Operation	Standby Mode	Setting is only displayed in the following cases: • **A/V Output** is set to **While Projecting** in the projector's **Signal I/O** menu. • **Power On Trigger** is set to **Plug-in Detection** in the projector's **Operation** menu. • **Auto Power On** is set to **Off** in the projector's **Network** menu.
	Quick Startup	

Transmitter Settings

The display condition for the **Auto Power On** setting in the setting for the **Transmitter Settings** is added.

Previous Setting for the Transmitter Settings in the Network Menu (Version 3.00)

Top menu	Sub menu	Display condition
Network	Transmitter Settings	**Auto Power On** setting: This setting is only displayed in the following cases: • **A/V Output** is set to **While Projecting** in the projector's **Signal I/O** menu. • **Quick Startup** is set to **Off** in the projector's **Operation** menu.

New Setting for the Transmitter Settings in the Network Menu (Version 3.01)

Top menu	Sub menu	Display condition
Network	Transmitter Settings	**Auto Power On** setting: This setting is only displayed in the following cases: • **A/V Output** is set to **While Projecting** in the projector's **Signal I/O** menu. • **Power On Trigger** is set to **Plug-in Detection** in the projector's **Operation** menu. • **Quick Startup** is set to **Off** in the projector's **Operation** menu.

Solving Problems

Check the solutions in these sections if you have any problems using the projector.

Related Links

- "Solving Multi-Projection Problems" p.35
- "Solving Screen Sharing Problems" p.42
- "Solving Miscellaneous Problems" p.45

Check the solutions in these sections if you have problems while combining the projected images from two or more projectors to create one unified image area.

Related Links

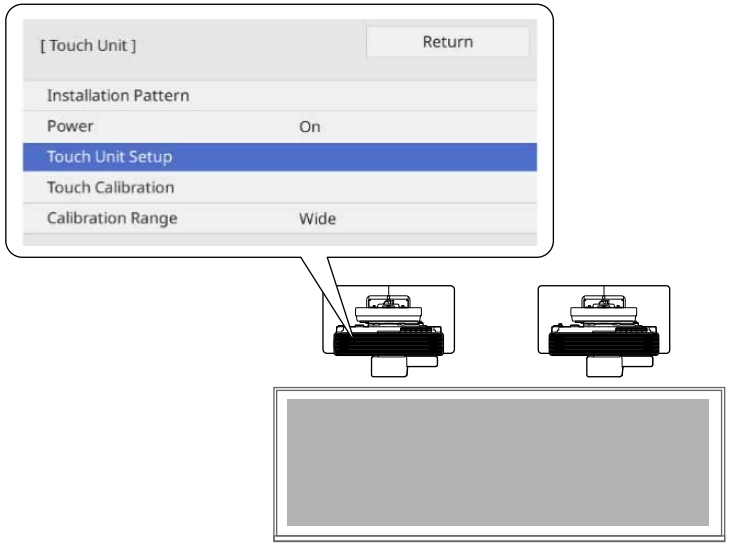
- "Solving Touch Unit Setup Problems" p.35
- "Adjusting an Image Color Between Projectors" p.38
- "Adjusting an Image Area" p.39
- "Solving Other Multi-Projection Problems" p.41

Solving Touch Unit Setup Problems

If you see a touch unit setup error, try the following steps. You can use this solution when you combine the projected images from two projectors using the edge blending feature (EB-1485Fi/EB-1480Fi).

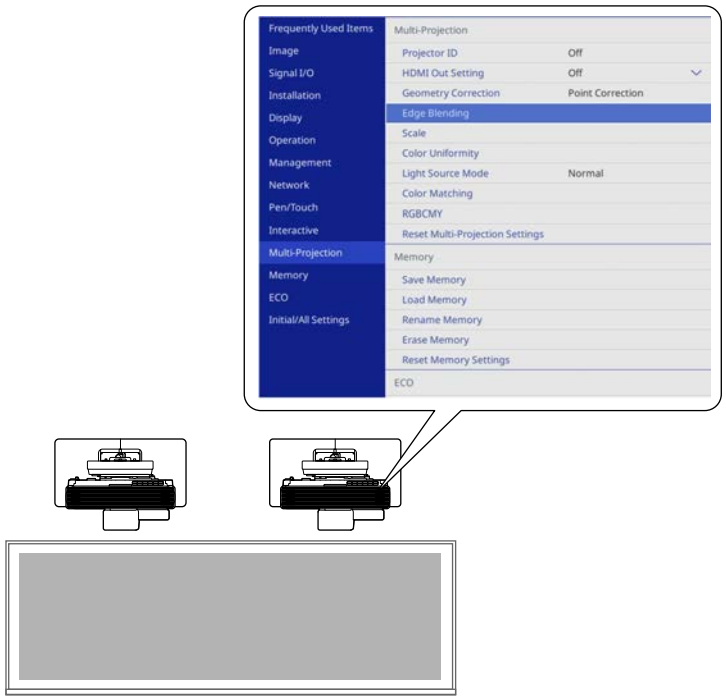
This solution applies to the firmware version under 1.50.

1. Press the [Menu] button on one projector, and then select **Installation** > **Touch Unit** > **Touch Unit Setup**.

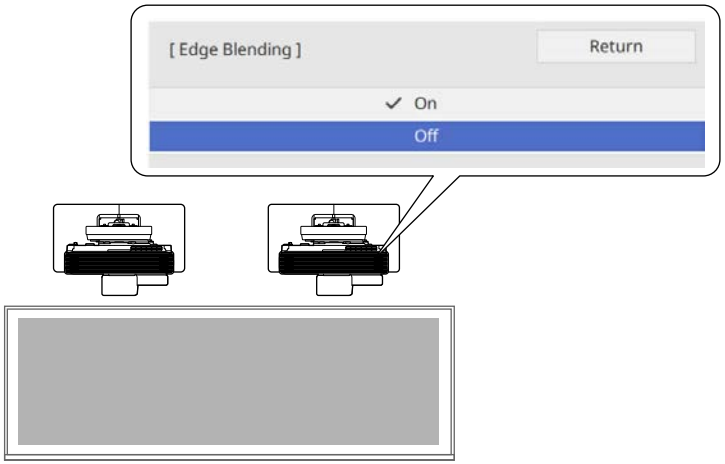


2. Follow the on-screen instructions to perform touch unit auto adjustment. See your projector's *Installation Guide* for details on the auto adjustment.

3. Press the [Menu] button on the other projector, and then select **Multi-Projection** > **Edge Blending**.

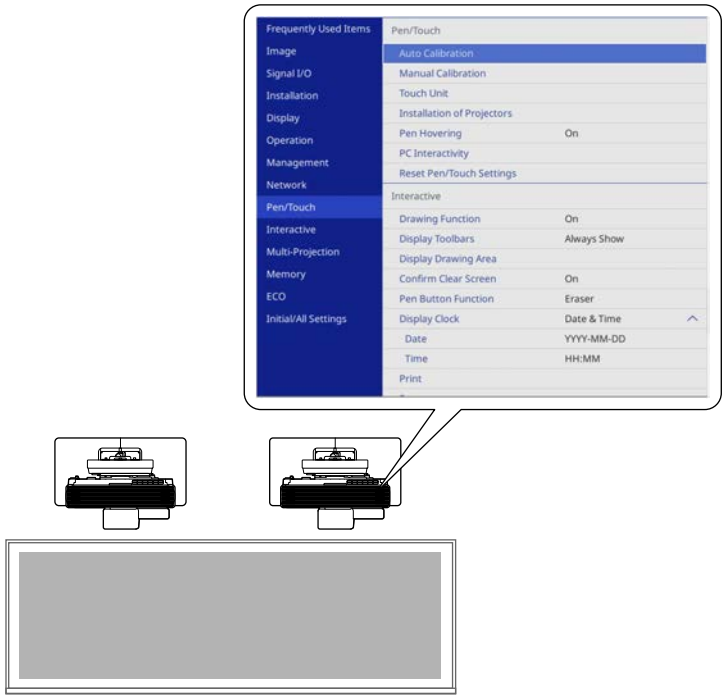


4 Turn off the **Edge Blending** feature.



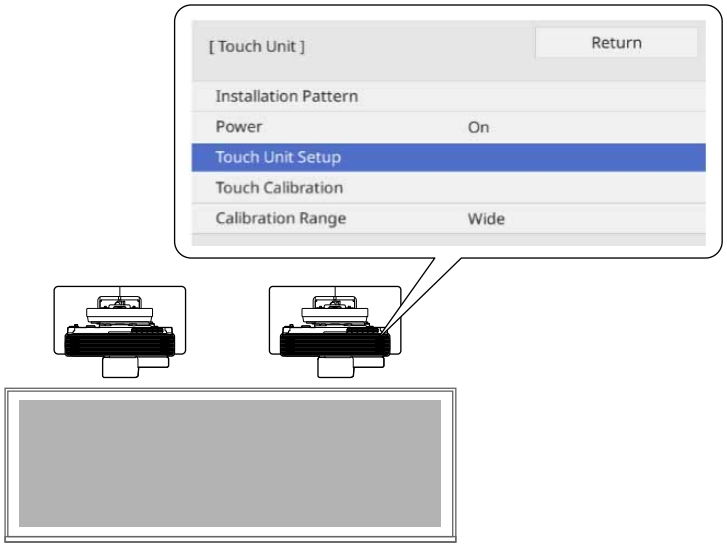
The appearance of the projected screen changes but you can restore the settings of the edge blending values when you turn it on again.

5 Go back to the top level menu, and then select **Pen/Touch** > **Auto Calibration**.



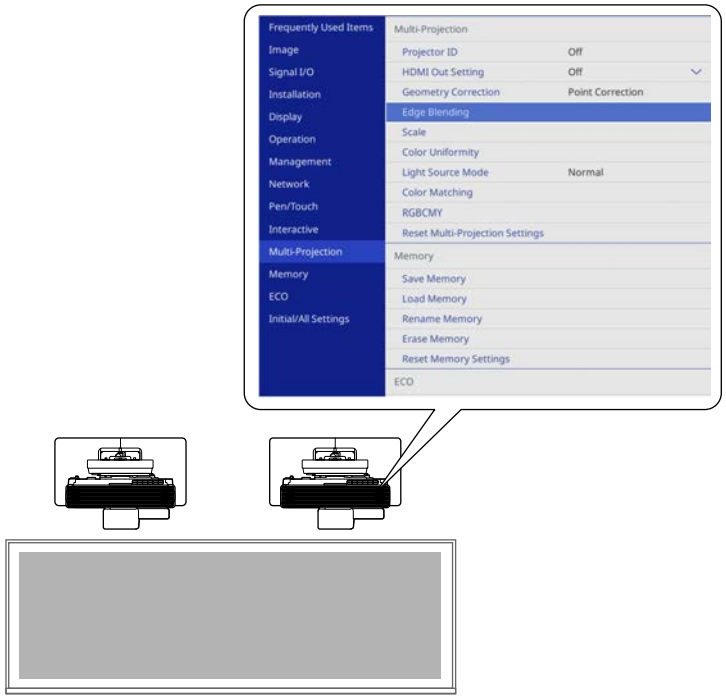
6 Follow the on-screen instructions to perform auto calibration. If the auto calibration fails, perform **Pen/Touch** > **Manual Calibration**.

7 Go back to the top level menu, and then select **Installation** > **Touch Unit** > **Touch Unit Setup**.

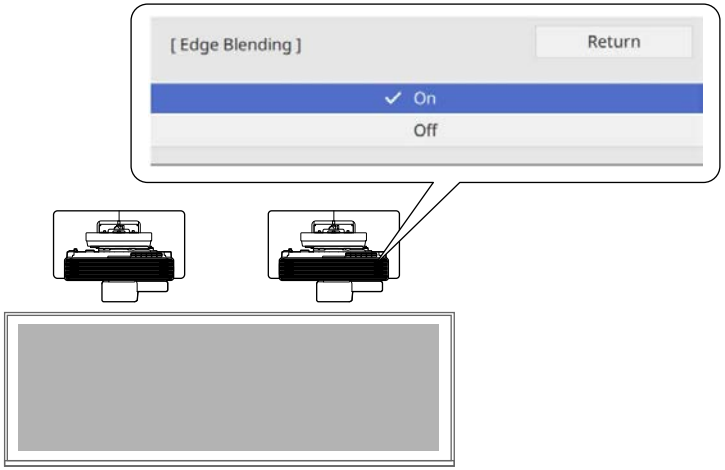


8 Follow the on-screen instructions to perform touch unit auto adjustment. See your projector's *Installation Guide* for details on the auto adjustment.

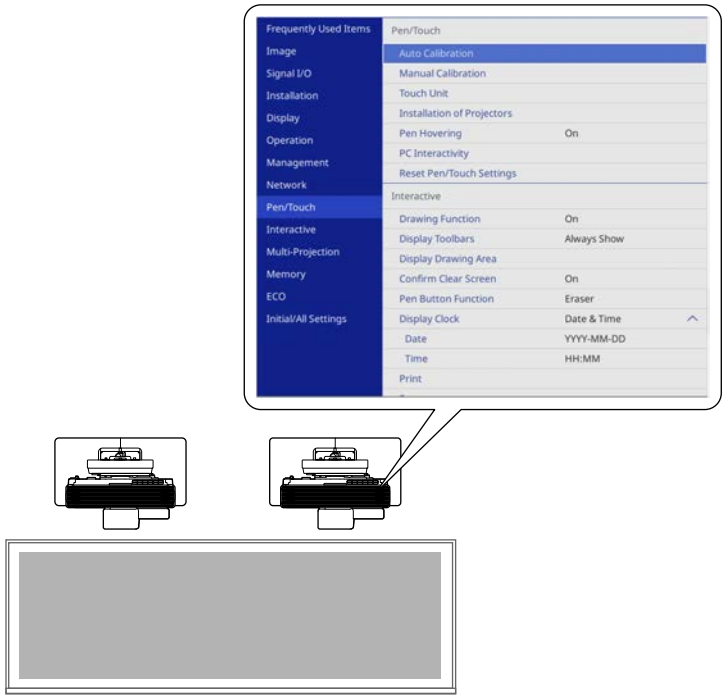
9 Go back to the top level menu, and then select **Multi-Projection** > **Edge Blending**.



10 Turn on the **Edge Blending** feature.



11 Go back to the top level menu, and then select **Pen/Touch** > **Auto Calibration**.

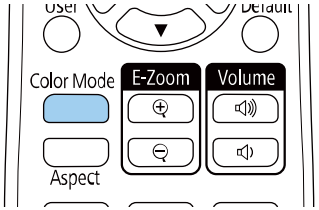


12 Follow the on-screen instructions to perform auto calibration. If the auto calibration fails, perform **Pen/Touch** > **Manual Calibration**.

Adjusting an Image Color Between Projectors

If the color of the projected image does not match between projectors that creates one unified image area, try the following steps until the problem is solved. You can use this solution when you combine the projected images from two or more projectors.

1. Press the [Color Mode] button on the remote control, and then select **Multi-Projection** as the Color Mode.

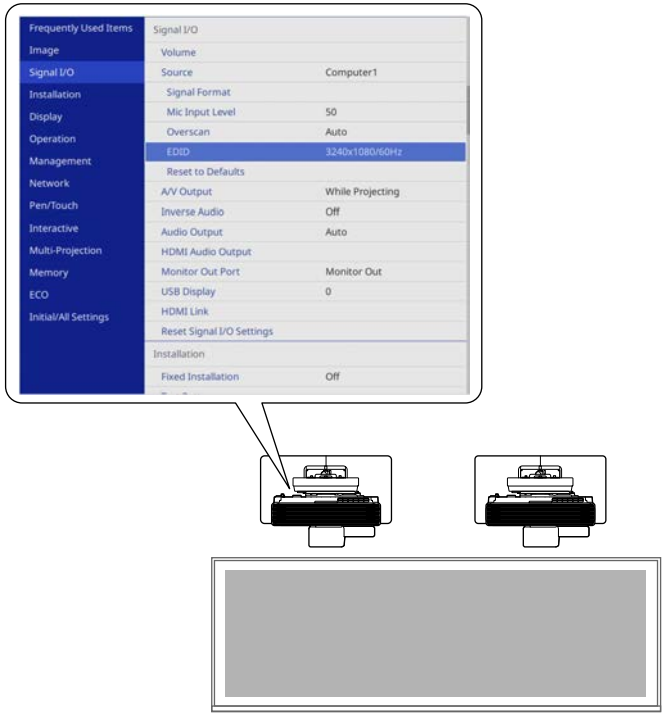


2. Use the following features to match the color differences. See your projector's *User's Guide* and *Installation Guide* for details.
   - **Multi-Projection** > **Color Uniformity**
   - **Operation** > **Light Source Brightness Control**
   - **Multi-Projection** > **Color Matching**
   - **Multi-Projection** > **Black Level**
   - **Image** > **RGBCMY**

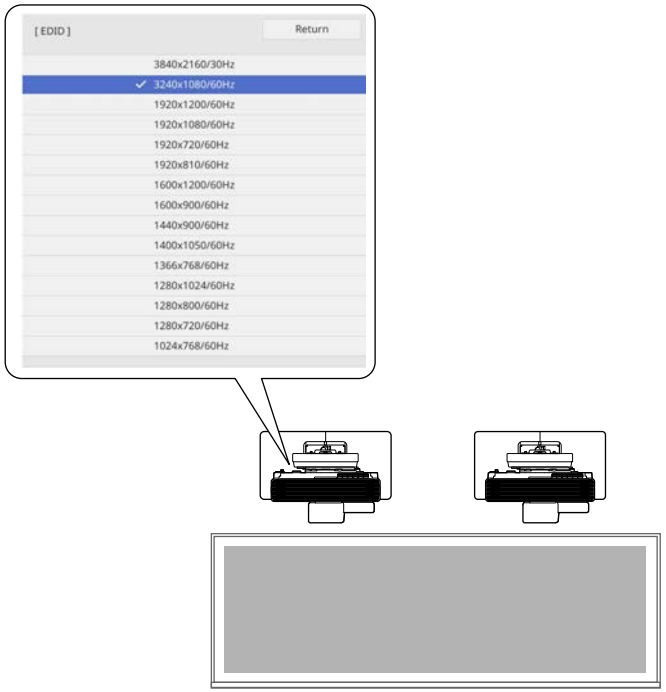
Adjusting an Image Area

If you see black bands in the projected screen, try the following steps until the problem is solved. You can use this solution when you combine the projected images from two projectors and use the interactive features (EB-1485Fi/EB-1480Fi).

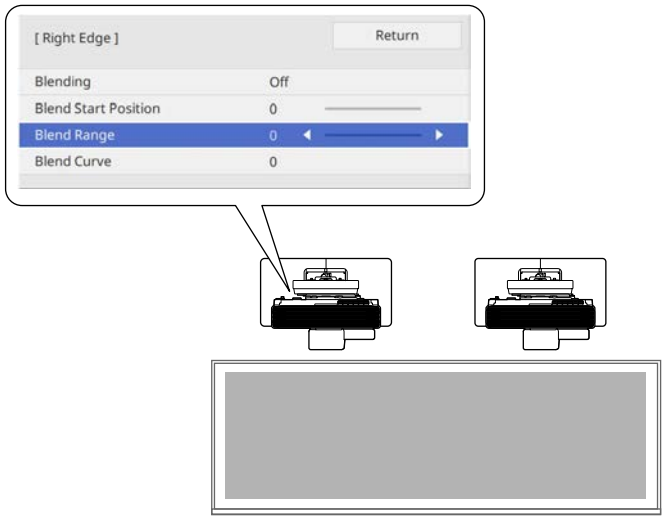
1. Press the [Menu] button on the remote control, and then select **Signal I/O** > **EDID**.



2 Select **3240×1080/60Hz**.

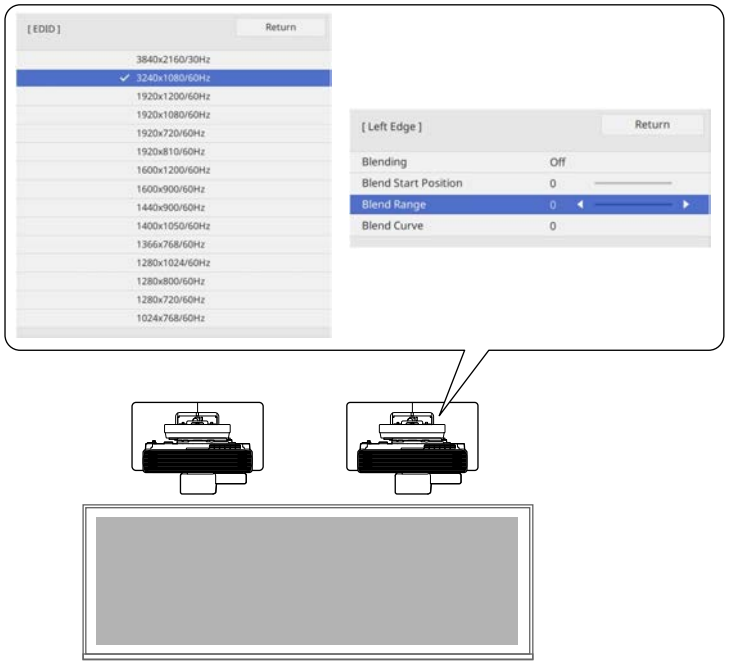


3 Go back to the top level menu, and then select **Multi-Projection** > **Edge blending** > Any Edges > **Blend Range**.



4 Select **600**.

5 Select the same settings for the other projector that creates one unified image area.



If you cannot select **600** as the **Blend Range** setting, you can select a lower setting. However, the black bands will appear on the side of the projected image.

Solving Other Multi-Projection Problems

If you cannot project an image using the multi-projection feature, try the following solutions.

- Change the **Screen Type** setting to **16:9**. If you select other screen type settings, the image may not be projected correctly.
- If you cannot use the interactive feature while using the multi-projection feature, check the USB cable connection between projectors (EB-1485Fi/EB-1480Fi).
  - Make sure the USB cable is securely connected to the **USB-A1** or **USB-A2** port of the first projector.
  - When you set the **USB-B2** setting to **Off** in the projector's **Pen/Touch** menu, connect the USB cable to the **USB-B1** port of the other projector.
  - When you set the **USB-B2** setting to one of the HDMI sources in the projector's **Pen/Touch** menu, connect the USB cable to the **USB-B2** port of the other projector. The interactive feature is only available when you select the input source specified in the **USB-B2** setting.

☛ **Pen/Touch** > **PC Interactivity** > **USB-B2**

Check the solutions in these sections if you have problems while sharing screens among projectors (EB-1485Fi/EB-1480Fi).

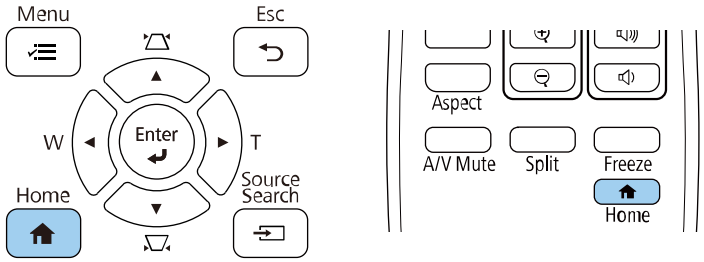
Related Links

- "Sharing the Screen" p.42
- "Stop Screen Sharing" p.43

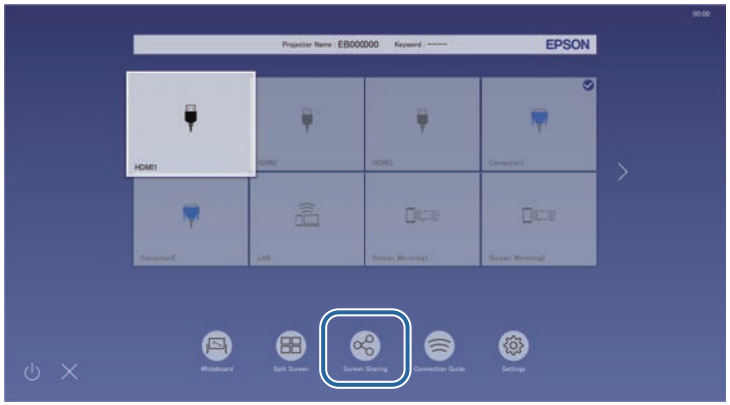
Sharing the Screen

On the projector distributing the shared screens, you must connect to the receiving projectors over the network before you can share screens with them.

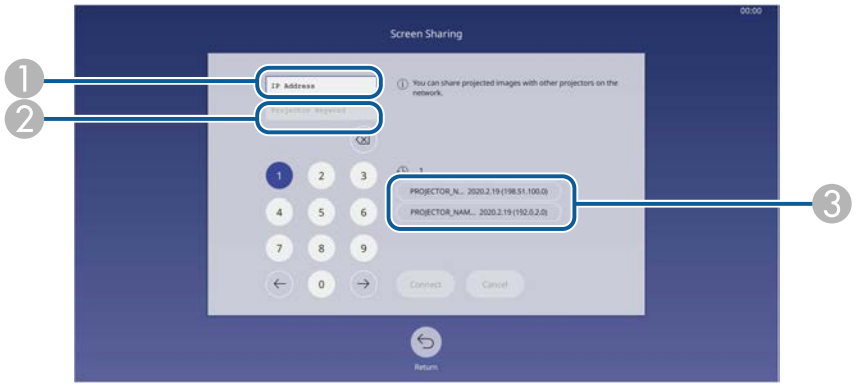
1. Turn on the projector and display an image.
2. Press the [Home] button.



3. Select **Screen Sharing**.



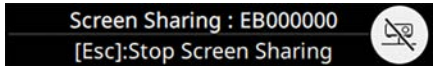
4. Specify the projector you want to share your screen with.



1. Enter the IP address using the numeric keypad.
2. Enter the projector keyword using the numeric keypad, if required. The projector keyword is displayed on the projected image of the receiving projector.
3. Displays the connection history. To connect to a projector that you have previously connected to, select the IP address from the displayed list.

5 Select **Connect**.

When the connection is established, the bar indicating the shared status appears at the upper right of the screen. You can drag and drop the shared status bar to move the position horizontally.



6 Repeat steps 3 through 6 as needed to connect to more projectors.

7 Select to allow drawing on the distributed screen.

- : You can draw from the receiving projector.
- : You cannot draw from the receiving projector.

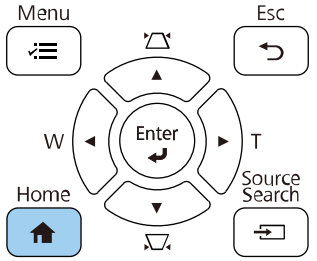
8 Select the input source to project images you want to share.

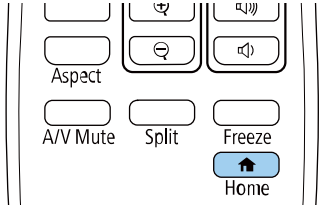
The image is distributed to the receiving projectors.

Stop Screen Sharing

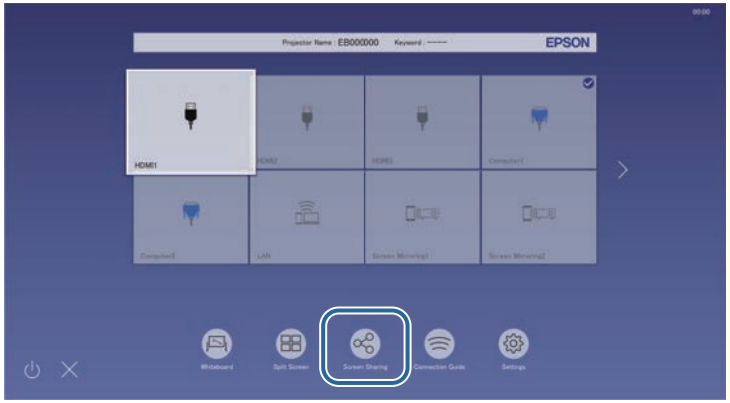
To stop sharing, select the icon on the shared status bar. This option disconnects all projectors at one time. If you want to disconnect a specific projector, follow the steps below.

1 Press the [Home] button.

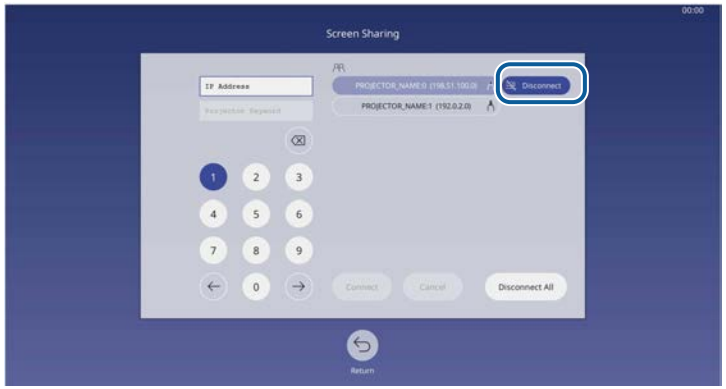




2 Select **Screen Sharing**.



3 Select the projector you want to disconnect.



4 Select **Disconnect**.

The selected projector is disconnected and screen sharing to that projector stops.

5 Repeat steps 3 and 4 as needed to disconnect more projectors.

When you select **Disconnect All**, the button changes to **Confirm**. Select the button again to disconnect all projectors.

Check the solutions in these sections if you have other problems.

Related Links
- "Solving Split Screen Problems" p.45
- "Solving USB Display Problems" p.45
- "Solving User Pattern Saving Problems" p.45
- "Solving Screen Mirroring Problems" p.45

Solving Split Screen Problems

If you cannot operate the split screen feature, try the following solutions.

- If you cannot select the **PC Interactivity** source, make sure the **USB Display** source is not included in one of the input sources. Select a different input source, if possible (EB-1485Fi/EB-1480Fi).
- The split screen may not appear when you use the **Scale** feature or the **Edge Blending** feature. Turn them off, if possible.

Solving USB Display Problems

If you cannot project an image using the USB Display feature, try the following solutions.

- If the projector cannot detect the image signal input from the projector's USB-B port using the [Source Search] feature, press the [USB] button on the remote control to switch the input source to the USB source.

Solving User Pattern Saving Problems

If you fail to save a user pattern, try the following solution.

- You cannot save content that is protected by HDCP. Project an unprotected image and save again.

Solving Screen Mirroring Problems

If you cannot project a screen mirroring image, try the following solutions (EB-1485Fi/EB-1480Fi).

- If you set the **Capture** setting to **Enabled**, the HDCP feature is disabled and you may not be able to project content with the HDCP feature. Set the **Capture** setting to **Disabled**.
  ☛ **Network** > **Network Settings** > **Network Projection** > **Screen Mirroring** > **Capture**

Appendix

Check these sections for the newly added optional accessories and the important notices about your product.

Related Links

- "Optional Accessories" p.47
- "Notices" p.48

The following optional accessories are available. Please purchase these products as and when needed.

Details of accessories are subject to change without notice and availability may vary depending on the country of purchase.

Related Links

- "For Wireless Connection" p.47

For Wireless Connection

Wireless Presentation System ELPWP10
Use when directly connecting to Windows/Mac computers and projecting images wirelessly. Includes two wireless transmitters (ELPWT01) and one wireless LAN module (ELPAP11).

Wireless Transmitter ELPWT01
Additional wireless transmitter for wireless presentation system.

Check these sections for important notices.

Related Links
- "Copyright Notice" p.48
- "General Notice" p.48
- "Copyright Attribution" p.48

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