



Projector Firmware Update Information

Multimedia Projector

EB-L1075U	EB-L1050U
EB-L1070U	EB-L1070W
EB-L1065U	EB-L1060W
EB-L1060U	EB-L1070

Introduction to the Updated Firmware 3

Features of Firmware Version 2.10 4

Updates to Projector Menus (Version 2.10) 4

Updates to User Operations (Version 2.10)..... 4

Features of Firmware Version 3.00 5

Updates to Supported Software (Version 3.00)..... 5

Updates to Projector Menus (Version 3.00) 5

Updates to User Operations (Version 3.00)..... 5

Details of Updated Firmware 6

Details of Updated Projector Menus (Version 2.10) 7

Cursor Position Memory of Projector Menus 7

Maintain Aspect Ratio Setting 7

Reset All (Factory Default) Menu 7

Details of Updated Projector Menus (Version 3.00) 8

Point Correction 8

Adjustment Level for Color Matching..... 8

Enable and Disable Color Calibration 9

Lens Calibration History 9

Details of User Operation Change (Version 2.10)..... 10

Focus Adjustment While Displaying the Lens Calibration Message..... 10

Details of User Operation Change (Version 3.00) 11

Point Correction Number Change 11

Appendix 12

Notices..... 13

Copyright Notice 13

General Notice..... 13

Copyright Attribution 13

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 2.10" [p.4](#)
- "Features of Firmware Version 3.00" [p.5](#)

Refer to these sections for a summary of the updated features of projector firmware version 2.10.

» **Related Links**

- "Updates to Projector Menus (Version 2.10)" [p.4](#)
- "Updates to User Operations (Version 2.10)" [p.4](#)

Updates to Projector Menus (Version 2.10)

The following projector menus change in firmware version 2.10.

- The projector can hold the last position of the cursor in the projector menu.
- The **Maintain Aspect Ratio** menu is added to the **Settings** menu.
- The **Reset All (Factory Default)** menu is added to the **Reset** menu.

» **Related Links**

- "Cursor Position Memory of Projector Menus" [p.7](#)
- "Maintain Aspect Ratio Setting" [p.7](#)
- "Reset All (Factory Default) Menu" [p.7](#)

Updates to User Operations (Version 2.10)

The following projector operations change in firmware version 2.10.

- You can adjust the focus while displaying the lens calibration message.

» **Related Links**

- "Focus Adjustment While Displaying the Lens Calibration Message" [p.10](#)

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

» Related Links

- "Updates to Supported Software (Version 3.00)" [p.5](#)
- "Updates to Projector Menus (Version 3.00)" [p.5](#)
- "Updates to User Operations (Version 3.00)" [p.5](#)

Updates to Supported Software (Version 3.00)

Version 3.00 firmware supports the following software in addition to the existing optional software available for your projector.

- Epson Projector Professional Tool Version 1.31

See *Epson Professional Projector Tool Operation Guide* for more details.

Updates to Projector Menus (Version 3.00)

The following projector menus change in firmware version 3.00.

- The following changes are applied to the point correction function.
 - You can select the grid numbers for vertical and horizontal point correction individually.
 - You can select up to 33×33 for grid point correction.
 - You can select which method is performed for point correction, linear interpolation or curve interpolation.
- The **All** setting value is added to the **Adjustment Level** menu from **Extended > Multi-Projection > Screen Matching > Color Matching**.
- You can enable or disable color calibration in the **Color Calibration** setting.
- The **History** menu is added to the **Lens Calibration** menu.

» Related Links

- "Point Correction" [p.8](#)
- "Adjustment Level for Color Matching" [p.8](#)
- "Enable and Disable Color Calibration" [p.9](#)

- "Lens Calibration History" [p.9](#)

Updates to User Operations (Version 3.00)

The following projector operations change in firmware version 3.00.

- You can retain adjustment data even if you change the number of points during point correction.

» Related Links

- "Point Correction Number Change" [p.11](#)

Details of Updated Firmware

Check these sections for the updated details of firmware.

▶ **Related Links**

- "Details of Updated Projector Menus (Version 2.10)" [p.7](#)
- "Details of Updated Projector Menus (Version 3.00)" [p.8](#)
- "Details of User Operation Change (Version 2.10)" [p.10](#)
- "Details of User Operation Change (Version 3.00)" [p.11](#)

Refer to these sections for details about projector menu changes.


» **Related Links**

- "Cursor Position Memory of Projector Menus" [p.7](#)
- "Maintain Aspect Ratio Setting" [p.7](#)
- "Reset All (Factory Default) Menu" [p.7](#)

Cursor Position Memory of Projector Menus

The projector can memorize the menu cursor position after the menu screen disappears. This allows you to quickly access the latest-used projector menu settings without moving through the settings.

- When you press the [Menu] button to display the menu screen again, the menu screen appears with the latest-used cursor position highlighted.



When you use the following submenu, the top menu screen is displayed.

- Test Pattern
- Focus, Distortion, Zoom, Lens Shift
- Gamma
- Panel Alignment
- User's Logo
- Black Level
- Date / Time Settings
- Network Settings
- Reset All (Factory Default)

- When you hold down the [Esc] button on the projector menu, you can back the top level menu screen.
- When you turn off the projector, menu operations return to the initial screen.

Maintain Aspect Ratio Setting

The **Maintain Aspect Ratio** setting is added to the **Settings** menu.

Previous Settings Menu (Version 1.00)

Top menu	Sub menu	Items or setting values	
Settings	Geometry Correction	Curved Surface	Correct Shape
			Horizontal Linearity
			Vertical Linearity

New Settings Menu (Version 2.10)

Top menu	Sub menu	Items or setting values	
Settings	Geometry Correction	Curved Surface	Correct Shape
			Horizontal Linearity
			Vertical Linearity
			Maintain Aspect Ratio

To project onto a curved surface while maintaining the aspect ratio, set **Maintain Aspect Ratio** to **On**.

Reset All (Factory Default) Menu

The **Reset All (Factory Default)** menu is added to the **Reset** menu.

You can use the **Reset All (Factory Default)** menu to reset all projector's settings.

You need to enter a password to perform a reset. The default password is set to "0000". Change this to your own desired password.

Refer to these sections for details about projector menu changes.

► **Related Links**

- "Point Correction" [p.8](#)
- "Adjustment Level for Color Matching" [p.8](#)
- "Enable and Disable Color Calibration" [p.9](#)
- "Lens Calibration History" [p.9](#)

Point Correction

The following changes are applied to the point correction function.

- You can select the grid numbers for vertical and horizontal point correction individually.
- You can select up to 33×33 for grid point correction.
- You can select which method is performed for point correction, linear interpolation or curve interpolation.

Previous Settings Menu (Version 2.10)

Menu	Setting values
Point Correction	[3x3], [5x5], [9x9], [17x17]
Pattern Color	
Reset	

New Settings Menu (Version 3.00)

Menu	Setting values
Point Correction	
Points (Vert.)	[3], [5], [9], [17], [33]
Points (Horiz.)	
Pattern Color	
Interpolation	Line, Curve

Menu	Setting values
Reset	



If you have already made corrections using **Point Correction**, you may not be able to change Interpolation if the amount of correction is too large.

Adjustment Level for Color Matching

The **All** setting value is added to the **Adjustment Level** menu from **Extended > Multi-Projection > Screen Matching > Color Matching**.

Previous Settings Menu (Version 2.10)

Sub menu	Items or setting values
Color Matching	Adjustment Level 1, 2, 3, 4, 5, 6, 7, 8

New Settings Menu (Version 3.00)

Sub menu	Items or setting values
Color Matching	Adjustment Level All, 1, 2, 3, 4, 5, 6, 7, 8

There are eight levels from **All**, white, through gray, and up to black. When you select **All**, you can adjust the color for each color in **Adjustment Level 2** to 8 at the same time. (Once the red, blue, and green values are at their maximum or minimum position at any level, you cannot make any further adjustments.) Select **Adjustment Level 1** to 8 to adjust each level individually.

Enable and Disable Color Calibration

You can enable or disable color calibration in the **Color Calibration** setting. You need to set the **Color Calibration** setting to **On** to execute the auto adjustment function for color calibration.

Previous Settings Menu (Version 2.10)

Top menu	Sub menu	Items or setting values
Extended	Color Calibration	Start Auto Adjustment
		Undo
		Redo
		Color Uniformity
		Reset

New Settings Menu (Version 3.00)

Top menu	Sub menu	Items or setting values
Extended	Color Calibration	Color Calibration On, Off
		Start Auto Adjustment
		Undo
		Redo
		Color Uniformity
		Reset

Previous Settings Menu (Version 2.10)

Top menu	Sub menu	Items or setting values
Extended	Operation	Lens Calibration Start

New Settings Menu (Version 3.00)

Top menu	Sub menu	Items or setting values
Extended	Operation	Lens Calibration Start, History

Lens Calibration History

The **History** menu is added to the **Lens Calibration** menu. You can use the History menu to check the lens calibration history.

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

▶ **Related Links**

- "Focus Adjustment While Displaying the Lens Calibration Message" [p.10](#)

Focus Adjustment While Displaying the Lens Calibration Message

You can adjust the focus while displaying the lens calibration message.

Previous Focus Adjustment Operation (Version 1.00)

When you adjust the focus while displaying the lens calibration message, the message disappears.

Updated Focus Adjustment Operation (Version 2.10)

You can use the [▲] or [▼] buttons on the remote control or the control panel to adjust the focus without erasing the lens calibration message.

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

▶ **Related Links**

- "Point Correction Number Change" [p.11](#)

Point Correction Number Change

You can retain adjustment data even if you change the number of points during point correction.

Previous Point Number Change During Point Correction (Version 2.10)

If you change the number of points during point correction, you need to adjust the points again.

Updated Point Number Change During Point Correction (Version 3.00)

Even if you change the number of points during point correction, the corrected status is retained.

Appendix

Refer to these sections for important notices.

▶ **Related Links**

- "Notices" [p.13](#)

Check these sections for important notices.

► **Related Links**

- "Copyright Notice" [p.13](#)
- "General Notice" [p.13](#)
- "Copyright Attribution" [p.13](#)

Copyright Notice

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 the 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.

The contents of this guide may be changed or updated without further notice.

Illustrations in this guide and the actual projector may differ.

General Notice

EPSON is a registered trademark, and EPSON Exceed Your Vision is a registered logomark of Seiko Epson Corporation.

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.

Software Copyright: This product uses free software as well as software to which this company holds the rights.

Copyright Attribution

This information is subject to change without notice.

© 2021 Seiko Epson Corporation

Rev.1.0 2021.01 414121900EN