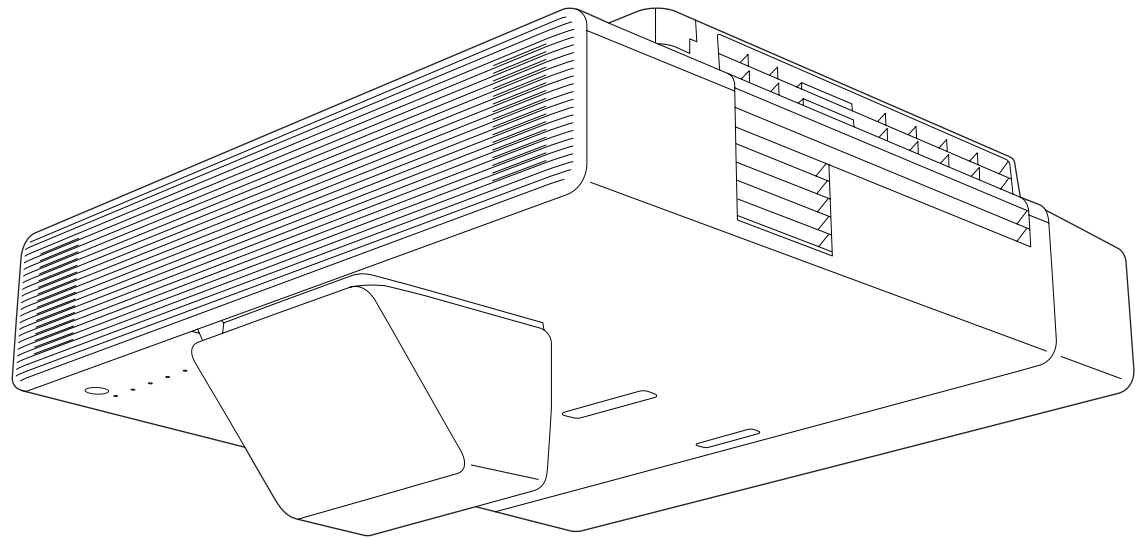


EB-805F ELPMB62
EB-800F ELPHD02

Specifications



Contents

About This Document.....	3
Projector Specifications	3
Mechanical Specifications	3
Interface	3
Internal Specifications	5
Remote Control Operation	6
Projection Distance Formula	7
Supported Monitor Display Resolutions	8
Application and System Requirements	14
Input and Output Specifications.....	15
Supported PC Free File Types.....	15
Installation Position and Environment.....	15
Installation Position	15
Projection Surface	16
When Installing Multiple Projectors.....	16
Wall Mount Specifications	16
Wall Mount (ELPMB62)	16
External Dimensions.....	17
Adjustment Range.....	21
Control Pad (ELPHD02)	23
Interface	23
Dimensions.....	24

Monitoring and Control	25
Projector Control Commands	25
ESC/VP21 Command List.....	25
PJLink Command List	34
Appendix.....	35
Trademarks	35
Cautions.....	35
Disclaimer.....	35

About This Document

This document contains specification information of your projector and optional accessories such as external devices and mounts. See your projector's User's Guide and Installation Guide for more details.

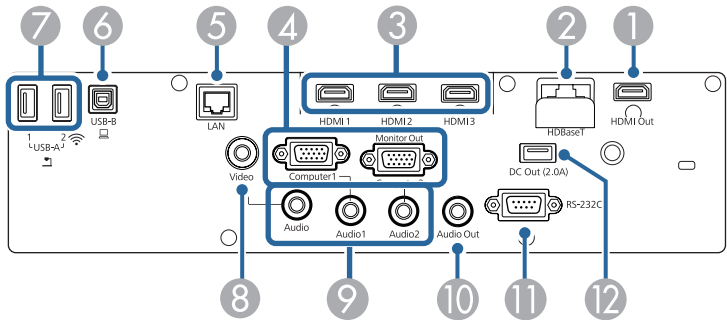
Projector Specifications

This projector projects an ultra short-throw laser display.
You can project images without shadowing even when a presenter stands near the projection surface.

Mechanical Specifications

Item		EB-805F/EB-800F
Dimensions	Maximum	W458xH227.5xD450 mm
	Not including raised section and cable cover	W458xH209.5xD375 mm
Weight	Projector only (not including cable cover)	Approx. 9.4 kg
	Projector only (including cable cover)	Approx. 9.7 kg
	Projector and wall mount	Approx. 18.9 kg
Speaker	Number	2
	Max. audio output	8 Wx8 W (stereo)

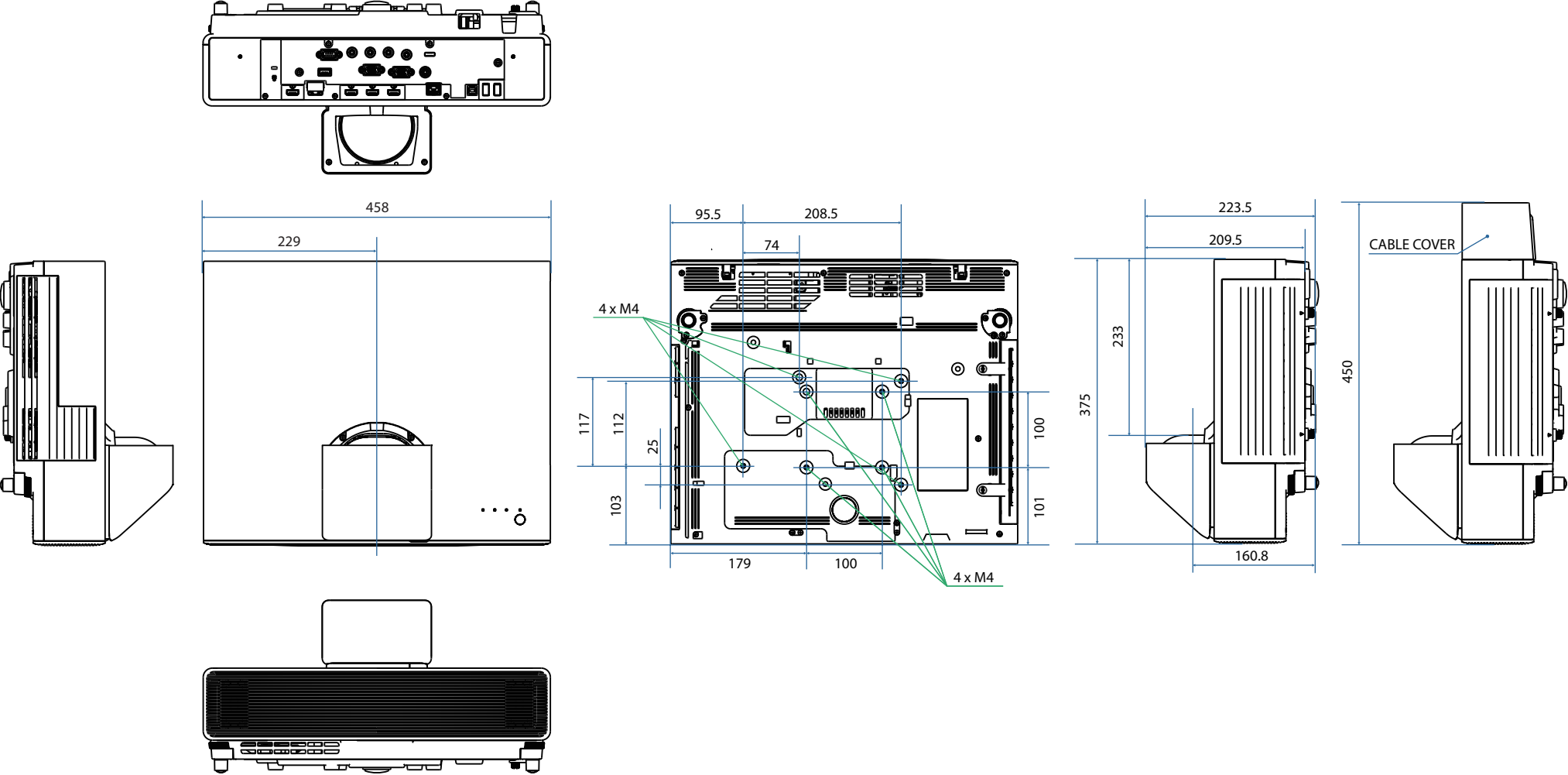
Interface



No	Name
1	HDMI Out port (HDMI)
2	HDBaseT port (RJ-45)
3	HDMI1/HDMI2/HDMI3 port (HDMI)
4	Computer1 port (mini D-Sub15pin) Computer2/Monitor Out port* (mini D-Sub15pin)
5	LAN port (RJ-45: 100Base-TX)
6	USB-B port (USB Type-B)
7	USB-A1/USB-A2 port (USB Type-A)
8	Video port (composite RCA)
9	Audio/Audio1/Audio2 port (stereo mini)
10	Audio Out port (stereo mini)
11	RS-232C port (D-Sub 9pin)
12	DC Out port (USB Type-A)

* Select the projector's [Signal I/O] > [Monitor Out Port] setting to set the behavior of this port.

Dimensions



Internal Specifications

Item			EB-805F/EB-800F
Projection system			RGB liquid crystal shutter
LCD panel	Size (diagonal)		0.62"
	Display method		Poly-silicon TFT active matrix
	Pixel number		1,049,088 dots FWXGA (W 1,366 × H 768 dots) × 3
	Aspect ratio		16:9
Screen resolution			2,073,600 dots* ¹
Projection lens	Lens	F-number	1.5
		Focal length	3.9 mm
	Zoom	System	Digital
		Method	Manual
		Ratio	1.0 - 1.35
	Focus	Method	Manual
	Screen size	Wide	65" - 130" (Aspect ratio 16:9) 61" - 120" (Aspect ratio 16:6)
		Tele	48" - 96" (Aspect ratio 16:9)
	Throw ratio	Wide	0.27
		Tele	0.37
Light source	Type		Laser diode
	Output power		Up to 104.5 W
	Wavelength		449 - 461 nm
	Life * ²		Up to about 20,000 hours (Light Source Mode: Normal or Quiet) Up to about 30,000 hours (Light Source Mode: Extended)
Brightness/ Image quality	Brightness * ³		5,000 lm (Light Source Mode: Normal) 3,500 lm (Light Source Mode: Quiet or Extended)
	Contrast ratio * ³		Over 2,500,000:1 (Dynamic Contrast: On)
	Color reproduction		Approx. 1,070 million colors (Depends on the interface)
Power supply			100-240V AC±10% 50/60Hz 3.8 - 1.7 A
Power consumption	Operating	100 - 120 V	381 W
		220 - 240 V	366 W
	Standby	Communication: On	2.0 W
		Communication: Off	0.5 W

Item			EB-805F/EB-800F
Scanning frequency	Analog	Pixel clock	13.5 MHz - 162 MHz
		Horizontal	15 kHz - 92 kHz
		Vertical	50 Hz - 85 Hz
	HDMI	Pixel clock	13.5 MHz - 297 MHz
		Horizontal	15 kHz - 135 kHz
		Vertical	23.98/24/25/29.97/30/50/59.94/60 Hz
Operation environment	HDBaseT	Pixel clock	13.5 MHz - 297 MHz
		Horizontal	15 kHz - 135 kHz
		Vertical	23.98/24/25/29.97/30/50/59.94/60 Hz
	Altitude		Altitude 0 - 3,048 m
	Temperature *4	When using a single projector installation	Altitude of 0 to 2,286 m: 0 to +45°C Altitude of 2,287 to 3,048 m: 0 to +40°C (Humidity of 20 to 80%, No condensation)
		When using a multiple projector installation	Altitude of 0 to 2,286 m: 0 to +40°C Altitude of 2,287 to 3,048 m: 0 to +35°C (Humidity of 20 to 80%, No condensation)
	Storage temperature		-10 to +60°C (Humidity of 10 to 90%, No condensation)
	Heat output (maximum)	100 - 120 V	1295 BTU/Hour
		220 - 240 V	1244 BTU/Hour
	Fan noise *3		36 dB (Light Source Mode: Normal or Extended) 27 dB (Light Source Mode: Quiet)
Wireless communication (Wireless LAN)*5	Exhaust air volume (maximum)		95CFM
	Standard	Wireless LAN	IEEE 802.11b/g/n (2.4GHz) (DSSS/CCK, OFDM) IEEE 802.11a/n/ac (5GHz) (OFDM)
		Screen Mirroring	IEEE 802.11g/n (2.4GHz) (OFDM) IEEE 802.11a/n/ac (5GHz) (OFDM)
	Security type	Wireless LAN	WPA2/WPA3-PSK, WPA2/WPA3-EAP WPA3-PSK, WPA3-EAP (EAP type: PEAP/ PEAP-TLS/ EAP-TLS/ EAP-Fast)
		Screen Mirroring	WPA2-PSK (AES)

*1 Pixel shifting technology achieves Full HD resolution on screen.

*2 Approximate time until the light source brightness decreases to half of its original value.
(Assuming the projector is used in an atmosphere in which airborne particulate matter is less than 0.04 to 0.2mg/ m3. The estimated time varies depending on the projector usage and operating conditions.)

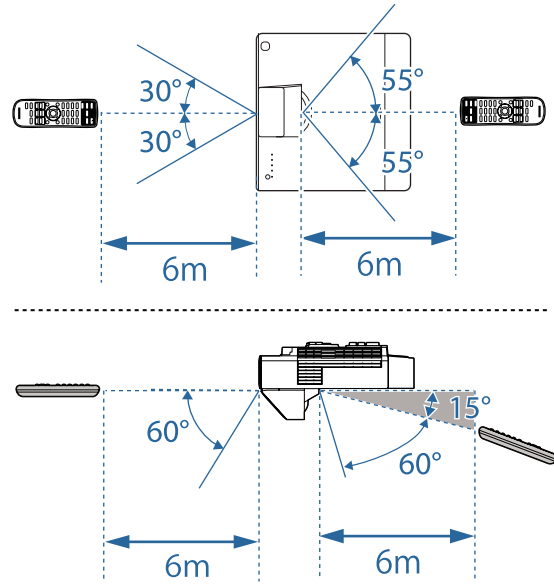
*3 Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.

*4 Light source brightness automatically dims if the surrounding temperature gets too high. (Approximately 35°C at an altitude of 0 to 2,286 m, and approximately 30°C at an altitude of 2,287 to 3,048 m; however, this may vary depending on the surrounding environment.)

*5 To use the projector over a wireless network, you need to install the Epson wireless LAN module.

Remote Control Operation

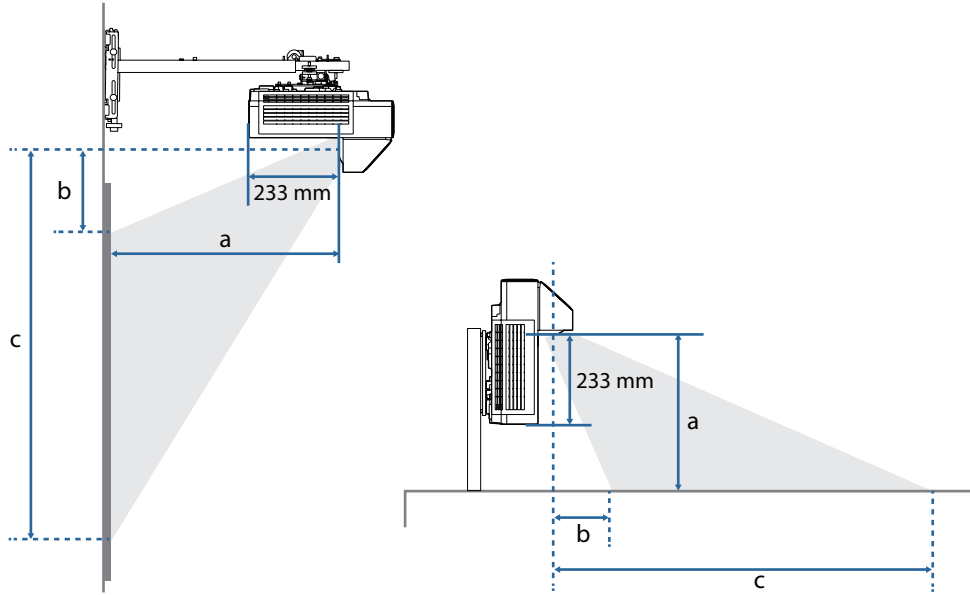
Make sure that you aim the remote control at the projector's receivers within the distance and angles listed here.



Projection Distance Formula

You can calculate the projection distance using the following formulas.
You can see a more detailed projection simulation on our Web site.
<https://epson.com/>

The installation work (wall mounting) should be performed by specialists who have technical knowledge and ability.



<Screen aspect ratio 16:9>

Projection distance (a) formula	
Minimum (Wide)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 6.332 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 1.6214$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 14.0741$
Maximum (Tele)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 8.5482 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 4.3682$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 16.8208$

<Screen aspect ratio 16:10>

Projection distance (a) formula	
Minimum (Wide)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 6.8452 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 1.7529$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 15.2148$
Maximum (Tele)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 9.2411 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 4.7222$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 18.1842$

<Screen aspect ratio 4:3>

Projection distance (a) formula	
Minimum (Wide)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 7.7493 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 1.9844$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 17.2244$
Maximum (Tele)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 10.4616 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 5.3459$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 20.5859$

<Screen aspect ratio 16:6>

Projection distance (a) formula		
When Screen Position is in the middle	Minimum (Wide)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 6.8024 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 3.9715$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 12.8901$
	Maximum (Tele) *	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 9.1833 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 5.3615$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 14.2801$
When Screen Position is at the top	Minimum (Wide)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 6.8024 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 1.7419$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 10.6604$
	Maximum (Tele) *	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 9.1833 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 2.3515$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 11.2700$

<Screen aspect ratio 21:9>

Projection distance (a) formula		
When Screen Position is in the middle	Minimum (Wide)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 6.6776 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 3.2733$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 13.2789$
	Maximum (Tele) *	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 9.0147 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 4.419$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 14.4245$
When Screen Position is at the top	Minimum (Wide)	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 6.6776 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 1.7099$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 11.7154$
	Maximum (Tele) *	$a \text{ (mm)} = \text{Projection screen size (inch)} \times 9.0147 - 20.027$ $b \text{ (mm)} = \text{Projection screen size (inch)} \times 2.3084$ $c \text{ (mm)} = \text{Projection screen size (inch)} \times 12.3139$

* When the image is shifted to the topmost position using the Image Shift feature.

Supported Monitor Display Resolutions

PC

Mode	Resolution (dot)		H Sync (KHz)	Refresh Rate (Hz)	Dotclk (MHz)	Scan Type	Computer		HDMI/HDBaseT											
							RGBHV	YCbCr	RGB			YCbCr								
												4:4:4			4:2:2			4:2:0		
									8	10	12	8	10	12	8	10	12	8	10	12
VGA60	640	480	31.47	60	25.175	Progressive	✓		✓											
VGA72	640	480	37.86	72	31.500	Progressive	✓													
VGA75	640	480	37.50	75	31.500	Progressive	✓													
VGA85	640	480	43.27	85	36.000	Progressive	✓													
SVGA60	800	600	37.88	60	40.000	Progressive	✓		✓											
SVGA72	800	600	48.08	72	50.000	Progressive	✓													
SVGA75	800	600	46.88	75	49.500	Progressive	✓													
SVGA85	800	600	53.67	85	56.250	Progressive	✓													
XGA60	1024	768	48.36	60	65.000	Progressive	✓		✓											
XGA70	1024	768	56.48	70	75.000	Progressive	✓													
XGA75	1024	768	60.02	75	78.750	Progressive	✓													
XGA85	1024	768	68.68	85	94.500	Progressive	✓													
WXGA60-1	1280	768	47.78	60	79.500	Progressive	✓													
WXGA60	1280	800	49.70	60	83.500	Progressive	✓		✓											
WXGA75	1280	800	62.80	75	106.500	Progressive	✓													
WXGA85	1280	800	71.55	85	122.500	Progressive	✓													
WXGA60-3	1366	768	47.71	60	85.500	Progressive	✓		✓											
WXGA+60	1440	900	55.94	60	106.500	Progressive	✓		✓											
WXGA+75	1440	900	70.64	75	136.750	Progressive	✓													
WXGA+85	1440	900	80.43	85	157.000	Progressive	✓													
WXGA++	1600	900	60.00	60	108.000	Progressive	✓		✓											

Mode	Resolution (dot)		H Sync (KHz)	Refresh Rate (Hz)	Dotclk (MHz)	Scan Type	Computer		HDMI/HDBaseT											
							RGBHV	YCbCr	RGB			YCbCr								
												4:4:4			4:2:2			4:2:0		
									8	10	12	8	10	12	8	10	12	8	10	12
SXGA1_70	1152	864	63.85	70	94.500	Progressive	✓													
SXGA1_75	1152	864	67.50	75	108.000	Progressive	✓													
SXGA1_85	1152	864	77.09	85	121.500	Progressive	✓													
SXGA2_60	1280	960	60.00	60	108.000	Progressive	✓		✓											
SXGA2_75	1280	960	75.00	75	126.000	Progressive	✓													
SXGA2_85	1280	960	85.94	85	148.500	Progressive	✓													
SXGA3_60	1280	1024	63.98	60	108.000	Progressive	✓		✓											
SXGA3_75	1280	1024	79.98	75	135.000	Progressive	✓													
SXGA3_85	1280	1024	91.15	85	157.500	Progressive	✓													
SXGA+60	1400	1050	65.32	60	121.750	Progressive	✓		✓											
SXGA+75	1400	1050	82.28	75	156.000	Progressive	✓													
WSXGA+60	1680	1050	65.29	60	146.250	Progressive	✓		✓											
UXGA60	1600	1200	75.00	60	162.000	Progressive	✓		✓											
1920x1080	1920	1080	56.25	50	148.500	Progressive	✓		✓											
1920x1080	1920	1080	67.50	60	148.500	Progressive	✓		✓											
WUXGA60 (Reduced Blanking)	1920	1200	74.04	60	154.000	Progressive	✓		✓											
QXGA	2048	1536	95.45	60	267.250	Progressive			✓											
WQHD	2560	1440	88.79	60	241.500	Progressive			✓											
WQXGA (Reduced Blanking)	2560	1600	98.71	60	268.500	Progressive			✓											

Unique Aspect

Mode	Resolution (dot)		H Sync (KHz)	Refresh Rate (Hz)	Dotclk (MHz)	Scan Type	HDMI/HDBaseT											
							RGB			YCbCr								
										4:4:4			4:2:2			4:2:0		
							8	10	12	8	10	12	8	10	12	8	10	12
Unique aspect (16:6)	1920	720	45.96	60	95.045	Progressive	✓											
Unique aspect (21:9)	1920	810	51.72	60	106.956	Progressive	✓											
Connecting two projectors in a chain	3240	1080	69.00	60	237.084	Progressive	✓											

If the image is not projected correctly, set the timing settings on your computer to match the values in the following tables. (You may not be able to change these settings, depending on your computer.)

Mode	Dotclk (MHz)	H Freq (KHz)	Refresh Rate (Hz)	H Active (dot)	H Front Porch (dot)	H Sync Width (dot)	H Back Porch (dot)	V Active (line)	V Front Porch (line)	V Sync Width (line)	V Back Porch (line)	H Sync Polarity	V Sync Polarity	Scan Type
Unique aspect (16:6)	95.045	45.96	60	1920	42	32	74	720	20	8	18	Positive	Negative	Progressive
Unique aspect (21:9)	106.956	51.72	60	1920	42	32	74	810	24	8	20	Positive	Negative	Progressive
Connecting two projectors in a chain	237.084	69.00	60	3240	66	32	98	1080	37	8	25	Positive	Negative	Progressive

Video

Mode	Resolution (dot)		H sync (KHz)	Refresh rate (Hz)	Dotclk (MHz)	Scan type
NTSC	720	480	15.73	60	13.500	Interlace
NTSC4.43	720	480	15.73	60	13.500	Interlace
PAL	720	576	15.63	50	13.500	Interlace
M-PAL	720	576	15.73	60	13.500	Interlace
N-PAL	720	576	15.63	50	13.500	Interlace
PAL60	720	576	15.73	60	13.500	Interlace
SECAM	720	576	15.63	50	13.500	Interlace

SD

Mode	Resolution (dot)		H Sync (KHz)	Refresh Rate (Hz)	Dotclk (MHz)	Scan Type	Computer		HDMI/HDBaseT											
							RGBH V	YCbCr	RGB			YCbCr								
												4:4:4			4:2:2			4:2:0		
									8	10	12	8	10	12	8	10	12	8	10	12
SDTV (480i)	720	480	15.73	59.94	13.500	Interlace			✓			✓			✓					
SDTV (576i)	720	576	15.63	50	13.500	Interlace			✓			✓			✓					
SDTV (480p)	720	480	31.47	59.94	27.000	Progressive	✓		✓			✓			✓					
SDTV (576p)	720	576	31.25	50	27.000	Progressive	✓		✓			✓			✓					

HD

Mode	Resolution (dot)		H Sync (KHz)	Refresh Rate (Hz)	Dotclk (MHz)	Scan Type	Computer		HDMI/HDBaseT											
							RGBHV	YCbCr	RGB			YCbCr								
												4:4:4			4:2:2			4:2:0		
									8	10	12	8	10	12	8	10	12	8	10	12
HDTV (720p)	1280	720	37.50	50	74.250	Progressive	✓		✓			✓			✓					
HDTV (720p)	1280	720	44.96	59.94	74.176	Progressive	✓		✓			✓			✓					
HDTV (720p)	1280	720	45.00	60	74.250	Progressive	✓		✓			✓			✓					
HDTV (1080i)	1920	1080	28.13	50	74.250	Interlace			✓			✓			✓					
HDTV (1080i)	1920	1080	33.72	59.94	74.176	Interlace			✓			✓			✓					
HDTV (1080i)	1920	1080	33.75	60	74.250	Interlace			✓			✓			✓					
HDTV (1080p)	1920	1080	26.97	23.98	74.176	Progressive			✓			✓			✓					
HDTV (1080p)	1920	1080	27.00	24	74.250	Progressive			✓			✓			✓					
HDTV (1080p)	1920	1080	28.13	25	74.250	Progressive			✓			✓			✓					
HDTV (1080p)	1920	1080	33.72	29.97	74.176	Progressive			✓			✓			✓					
HDTV (1080p)	1920	1080	33.75	30	74.250	Progressive			✓			✓			✓					
HDTV (1080p)	1920	1080	56.25	50	148.500	Progressive	✓		✓			✓			✓					
HDTV (1080p)	1920	1080	67.43	59.94	148.352	Progressive	✓		✓			✓			✓					
HDTV (1080p)	1920	1080	67.50	60	148.500	Progressive	✓		✓			✓			✓					

Mode	Resolution (dot)		H Sync (KHz)	Refresh Rate (Hz)	Dotclk (MHz)	Scan Type	HDMI/HDBaseT											
							RGB			YCbCr								
										4:4:4			4:2:2			4:2:0		
							8	10	12	8	10	12	8	10	12	8	10	12
4K (3840x2160)	3840	2160	53.95	23.98	296.703	Progressive	✓			✓			✓					
4K (3840x2160)	3840	2160	54.00	24	297.000	Progressive	✓			✓			✓					
4K (3840x2160)	3840	2160	56.25	25	297.000	Progressive	✓			✓			✓					
4K (3840x2160)	3840	2160	67.43	29.97	296.703	Progressive	✓			✓			✓					
4K (3840x2160)	3840	2160	67.50	30	297.000	Progressive	✓			✓			✓					
4K (3840x2160)	3840	2160	112.50	50	297.000	Progressive										✓		
4K (3840x2160)	3840	2160	134.87	59.94	296.703	Progressive										✓		
4K (3840x2160)	3840	2160	135.00	60	297.000	Progressive										✓		
4K(4096x2160) (SMPTE)	4096	2160	53.95	23.98	296.703	Progressive	✓			✓			✓					
4K(4096x2160) (SMPTE)	4096	2160	54.00	24	297.000	Progressive	✓			✓			✓					
4K(4096x2160) (SMPTE)	4096	2160	112.50	50	297.000	Progressive										✓		
4K(4096x2160) (SMPTE)	4096	2160	134.87	59.94	296.703	Progressive										✓		
4K(4096x2160) (SMPTE)	4096	2160	135.00	60	297.000	Progressive										✓		

Application and System Requirements

You can use the following applications with your projector.

See the following Web site to check the system requirements and download the necessary application and manuals.

epson.sn/

Application	Details
USB Display	You can send video and audio output to the projector through the computer's USB port.
Epson iProjection (Windows/Mac)	You can project images from network projectors. You can project up to four images at the same time by splitting the projected screen.
Epson iProjection (iOS/Android)	You can project image from your mobile devices wirelessly.
Epson iProjection (Chromebook)	You can project image from your Chromebook wirelessly.
Epson Projector Management	You can check the status of multiple networked projectors and perform various projector operations from your computer.
Epson Projector Content Manager	You can create playlists that contain images, movies, or both. You can save them on a USB flash drive and play them back from projectors.
Epson Creative Projection	You can easily create original content using a wide variety of templates.

USB Display System Requirements

To use the projector's Epson USB Display software, your computer must meet the following system requirements.

Requirement	Windows	Mac
Operating system	Windows 7 • Ultimate (32- and 64-bit) • Enterprise (32- and 64-bit) • Professional (32- and 64-bit) • Home Premium (32- and 64-bit) • Home Basic (32-bit) • Starter (32-bit) Windows 8.1 • Windows 8.1 (32- and 64-bit) • Windows 8.1 Pro (32- and 64-bit) • Windows 8.1 Enterprise (32- and 64-bit) Windows 10 • Windows 10 Home (32- and 64-bit) • Windows 10 Pro (32- and 64-bit) • Windows 10 Enterprise (32- and 64-bit)	OS X • 10.11.x (64 bit) macOS • 10.12.x (64 bit) • 10.13.x (64 bit) • 10.14.x (64 bit) • 10.15.x (64 bit)
CPU	Intel Core2Duo or faster (Intel Core i3 or faster recommended)	Intel Core2Duo or faster (Intel Core i5 or faster recommended)
Memory	2 GB or more (4 GB or more recommended)	
Hard disk space	20 MB or more	
Display	Resolution between 640 × 480 and 1920 × 1200 16-bit color or more	

Input and Output Specifications

Supported PC Free File Types

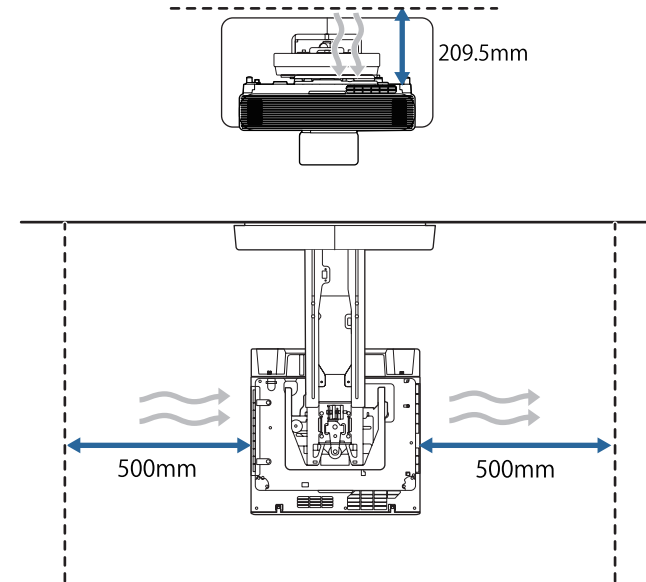
You can project these types of files using the projector's PC Free feature.

File type		Details
Image	JPEG	• RGB color • Baseline format • Resolution: 8192x8192 or less • High compression rate file is not supported
	BMP	Resolution: 1280x800 or less
	GIF	• Resolution: 1280x800 or less • Interlace format and animation file are not supported
	PNG	• Resolution: 1920x1080 or less • Interlace format is not supported
Movie	AVI (Motion JPEG)	• AVI1.0 only • Resolution: 1280x720 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
	MP4/MOV (H.264, H.265)	• Resolution: 1920x1200 or less • Size: 2 GB or less • Movie Codec: H.264/MPEG-4 AVC, 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

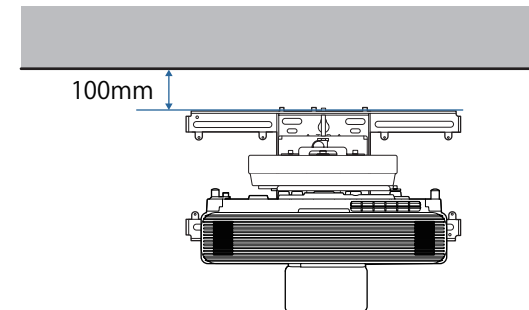
Installation Position and Environment

Installation Position

- When installing the projector, make sure there is a gap between the wall and the projector's air exhaust and intake vents as shown in the following image.



- Leaving a gap of approximately 100 mm from the ceiling to the top of the wall plate makes it easier to install and remove the projector.

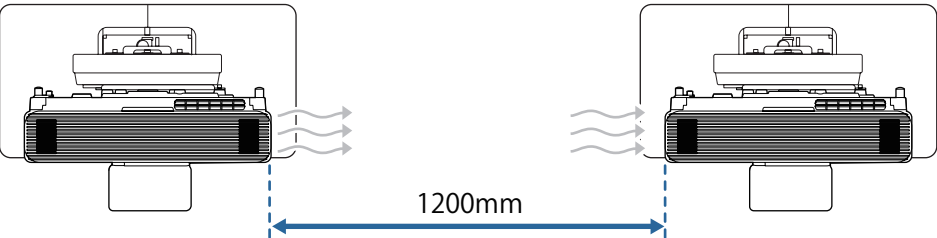


Projection Surface

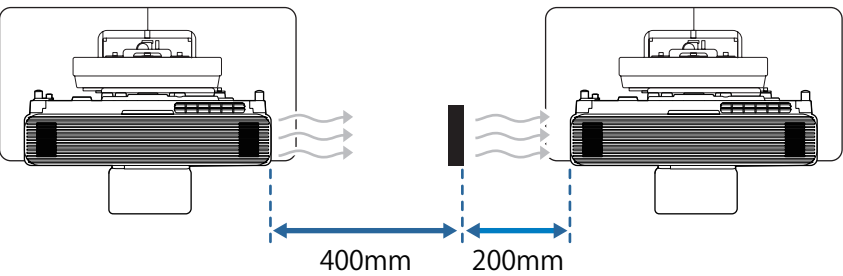
For ultra-short focus projectors, if the projection surface is uneven, the image may appear warped. We recommend using screens that can easily be kept smooth such as a magnetic screen or a board screen.

When Installing Multiple Projectors

- When installing two or more projectors in parallel, see "Internal Specifications" p. 5 for details on the operating temperature.
If the environment is too hot, the projector may overheat and the power may turn off without warning.
- When installing two or more projectors in parallel, leave a gap of at least 1,200 mm between the projectors.



- If you cannot secure a gap of approx. 1,200 mm, install a partition to block the heat vented from the projector's air exhaust vent. The partitions should be larger than the exhaust vent (approx. 20 mm in all directions), and installed approximately 400 mm from the exhaust vent and 200 mm from the intake vents.



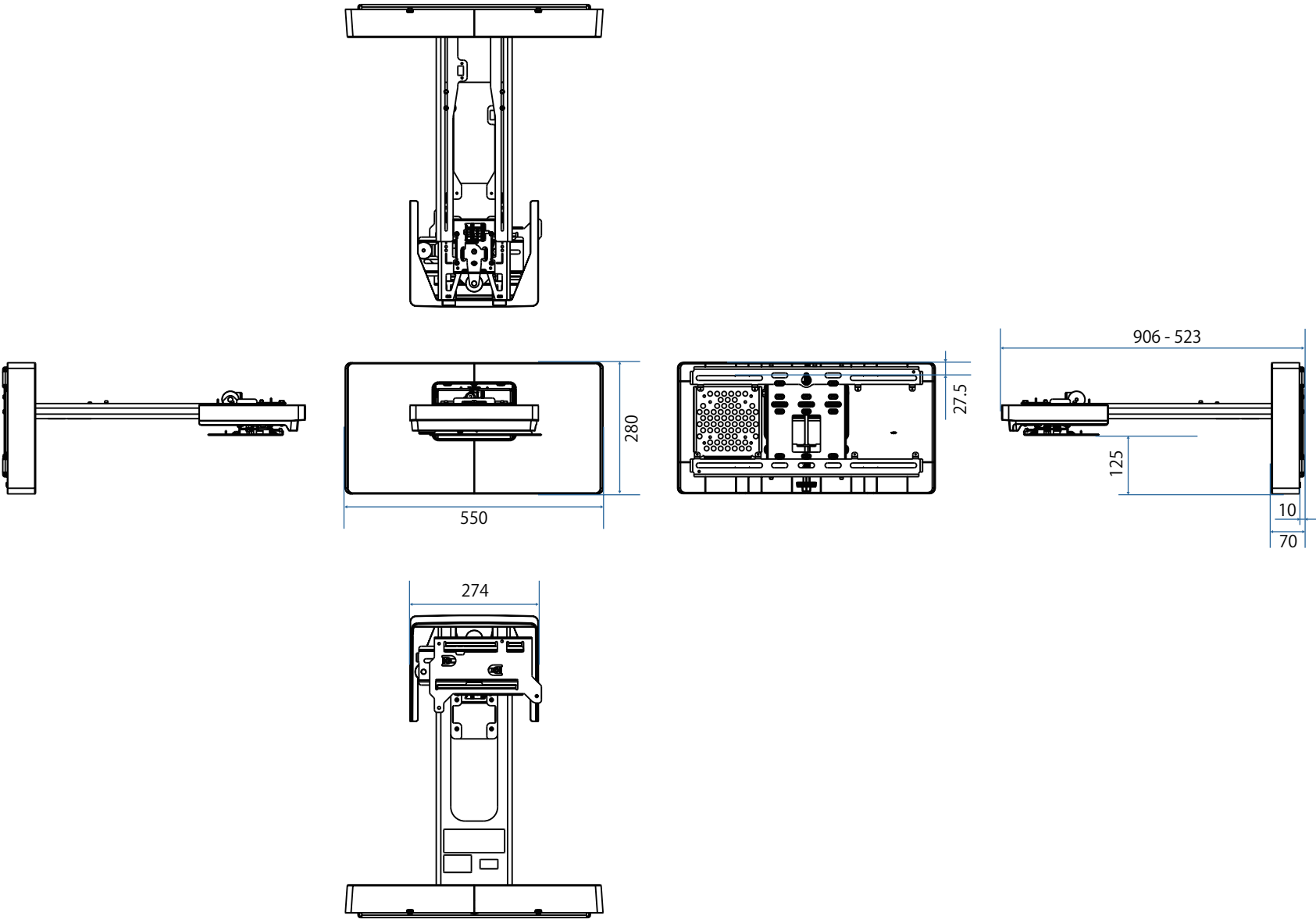
Wall Mount Specifications

Wall Mount (ELPMB62)

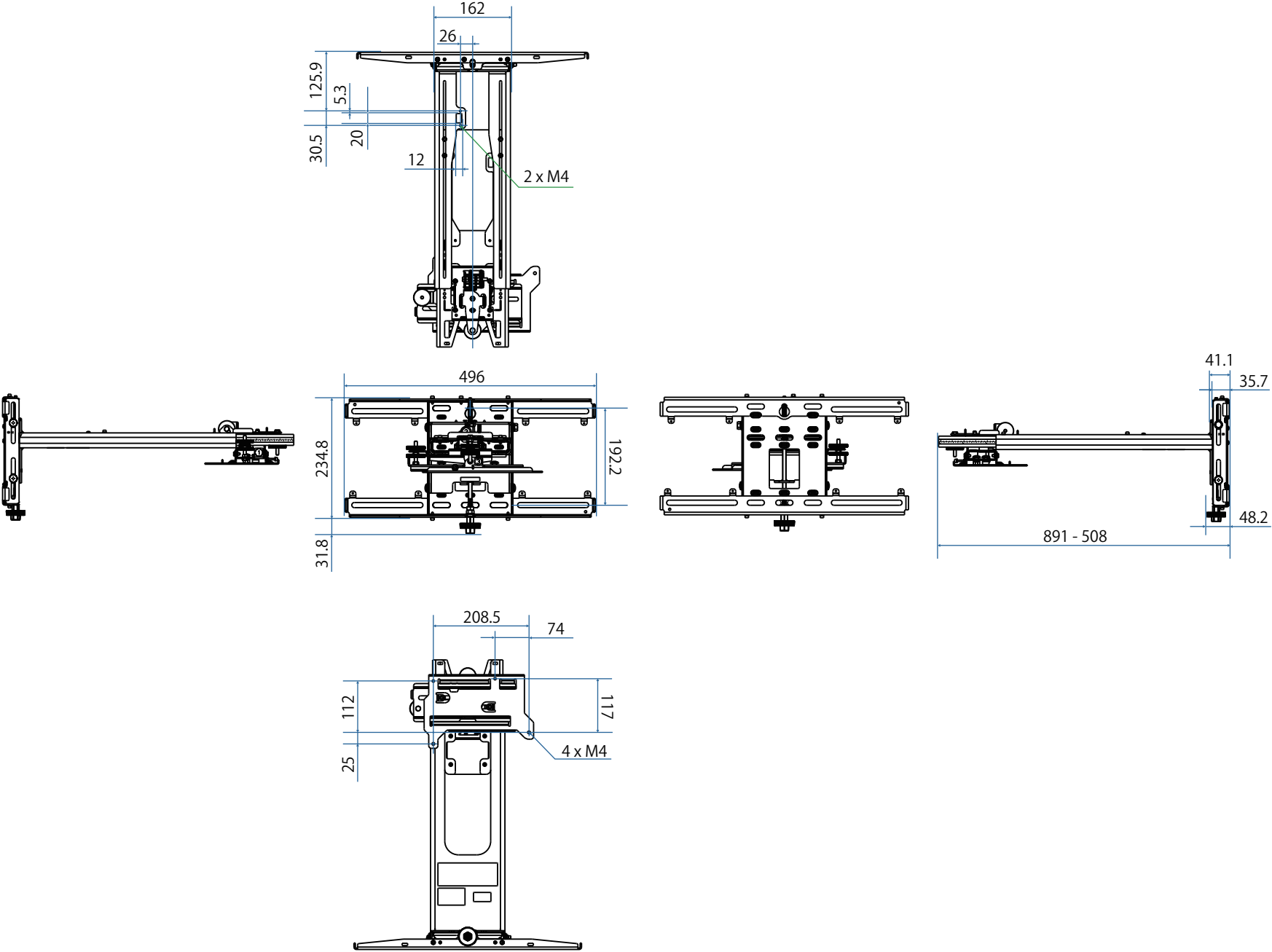
Item		Specifications
Dimensions		W550xD906xH280 mm
Supported screen size	16:9	65" to 130"
	16:10	60" to 120"
	4:3	53" to 105"
	16:6	61" to 120"
	21:9	62" to 123"
Weight (setting plate, hexagonal axis, adjustment unit, wall plate, wall plate cover, end cap)		Approx. 9.2 kg
Maximum load capacity		Approx. 15.0 kg
Mini PC installation plate	Screw holes for installing PC (VESA compliant)	75mmx75mm 100mmx100mm
	Supported PC sizes	Within 150x150x44mm
	Supported PC weight	0.7kg or less

External Dimensions

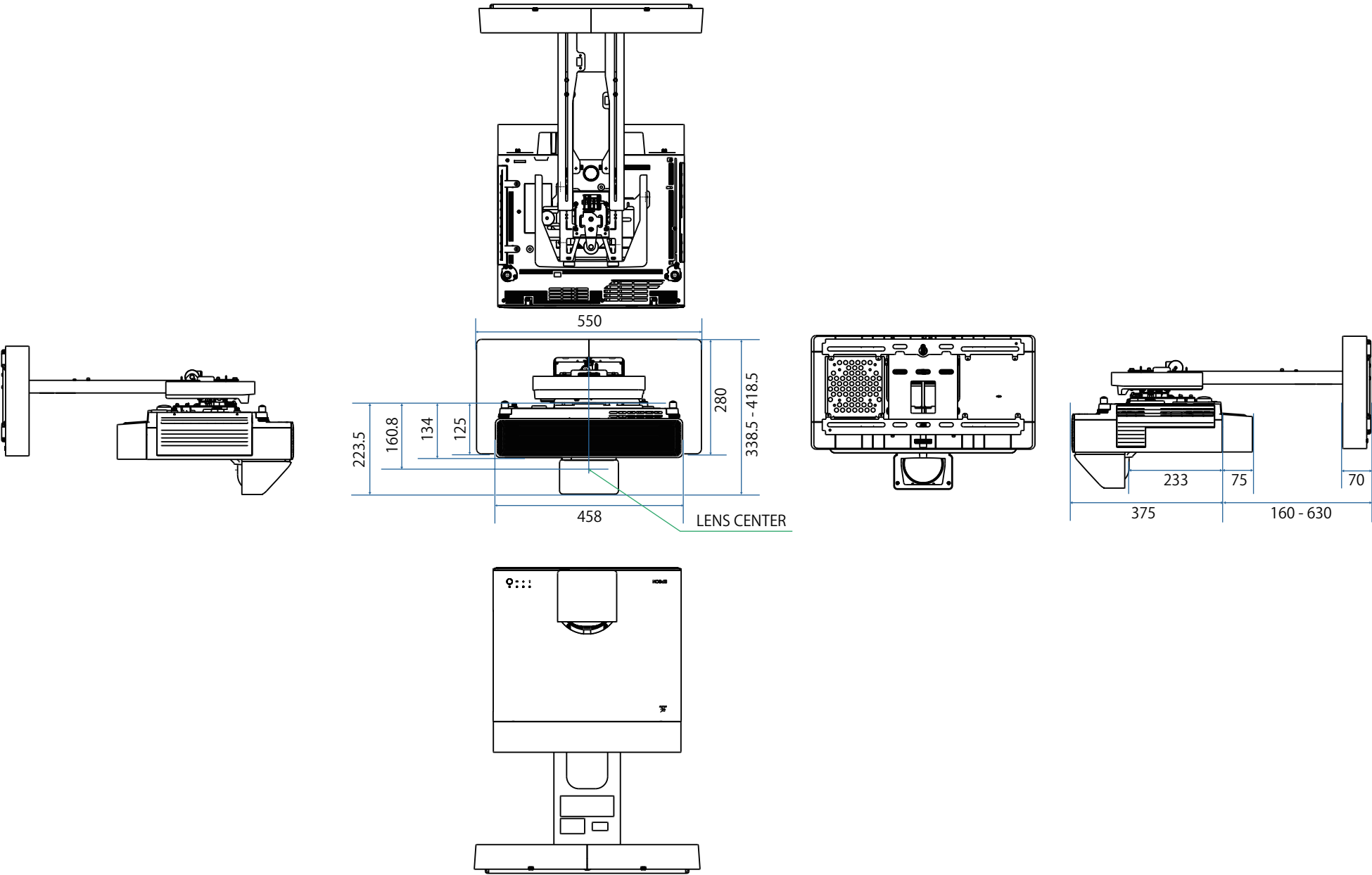
With cover



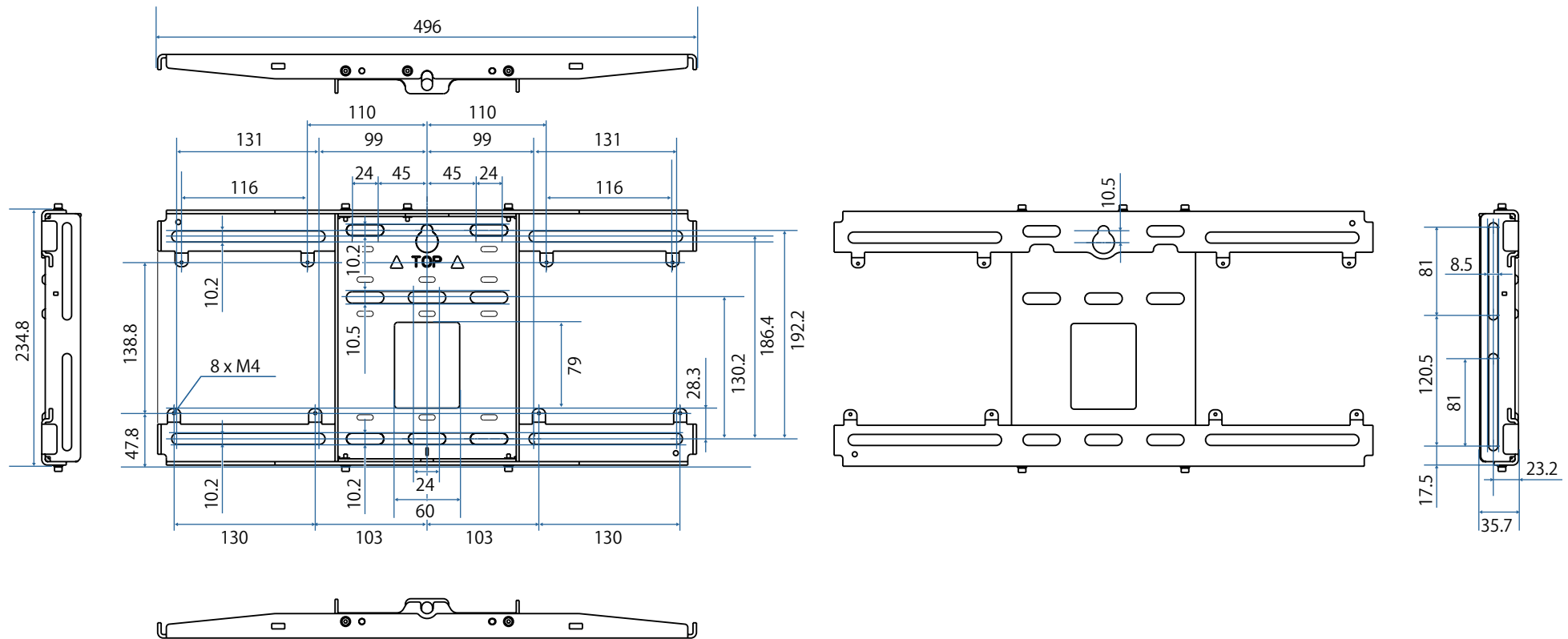
Without cover



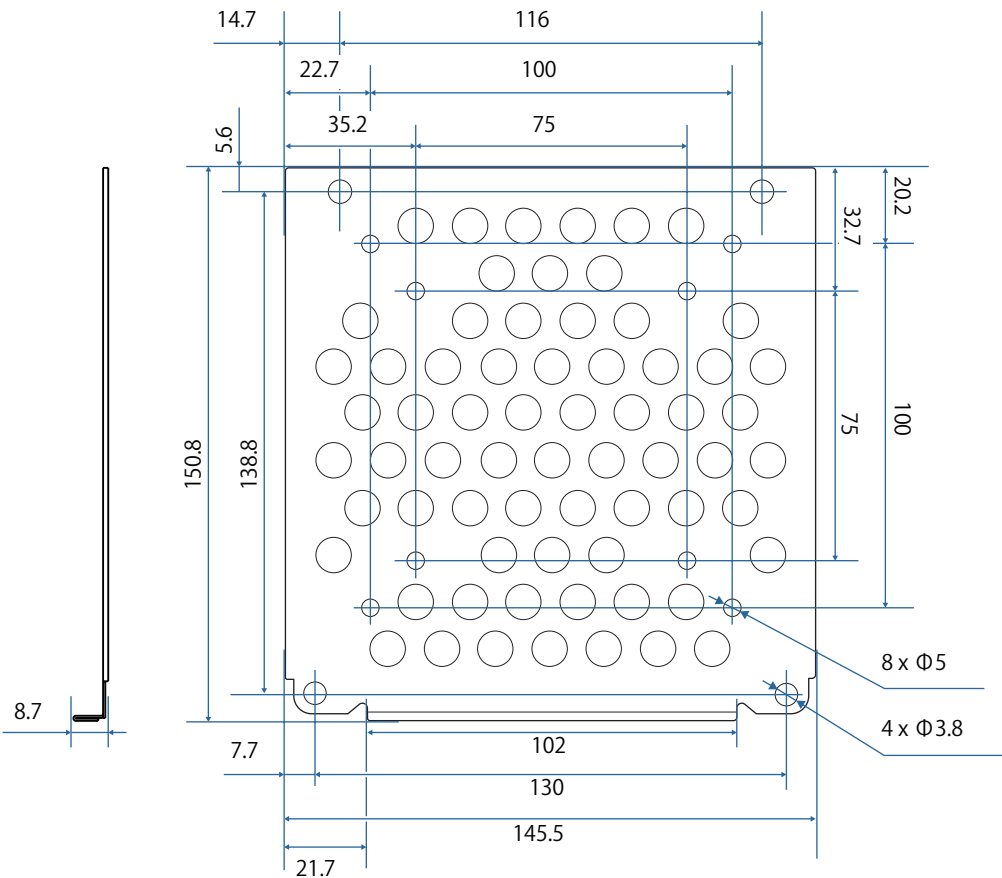
EB-805F/EB-800F + ELPMB62 Dimensions



Wall plate

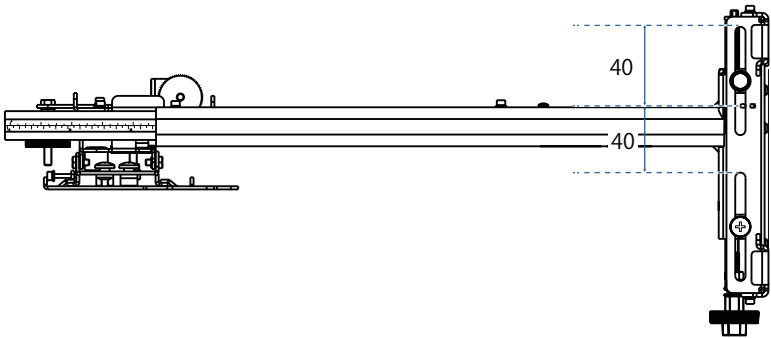


Mini PC installation plate

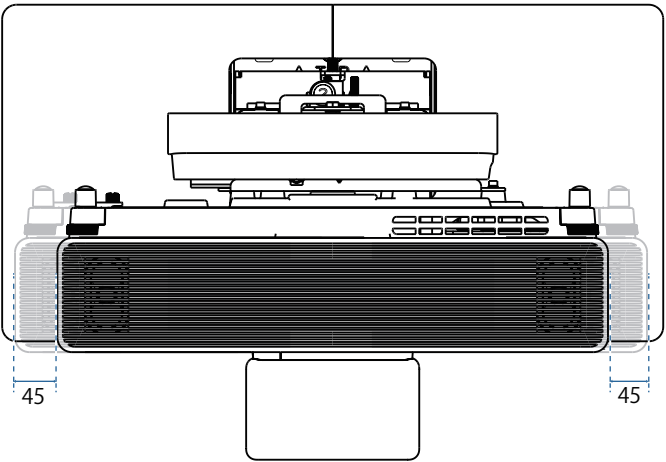


Adjustment Range

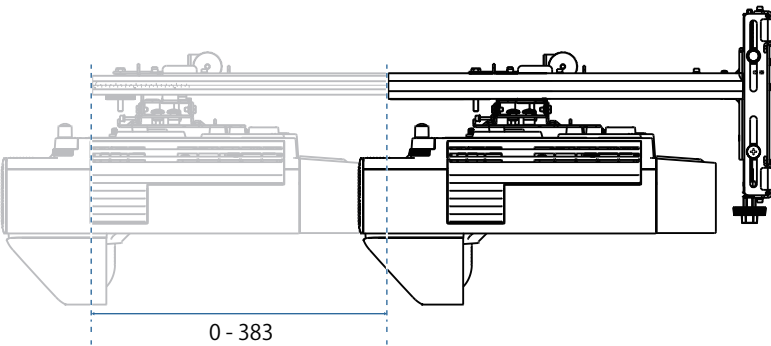
Vertical slide



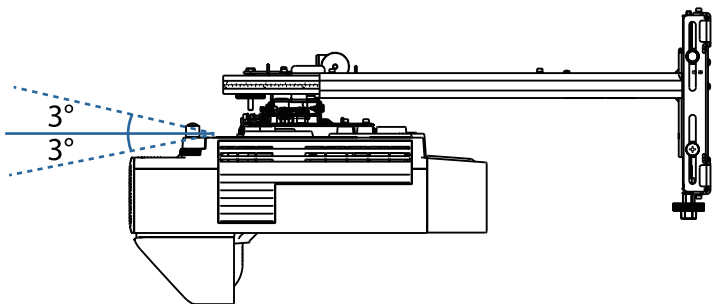
Horizontal slide



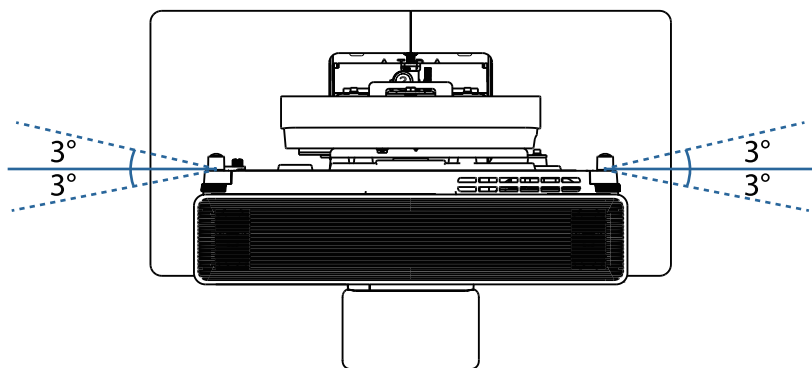
Forward/backward slide



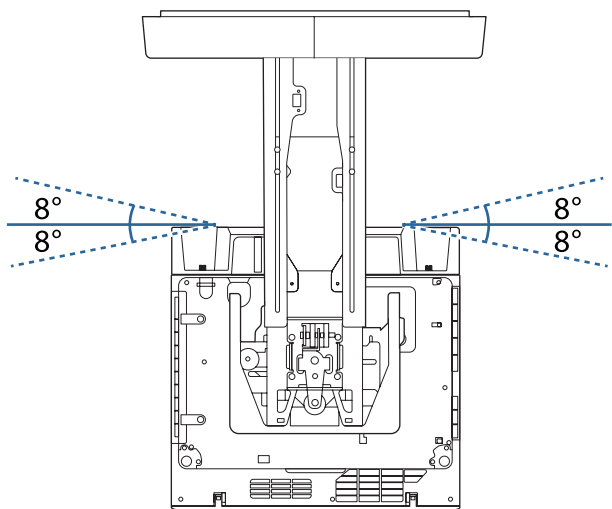
Vertical tilt



Horizontal roll



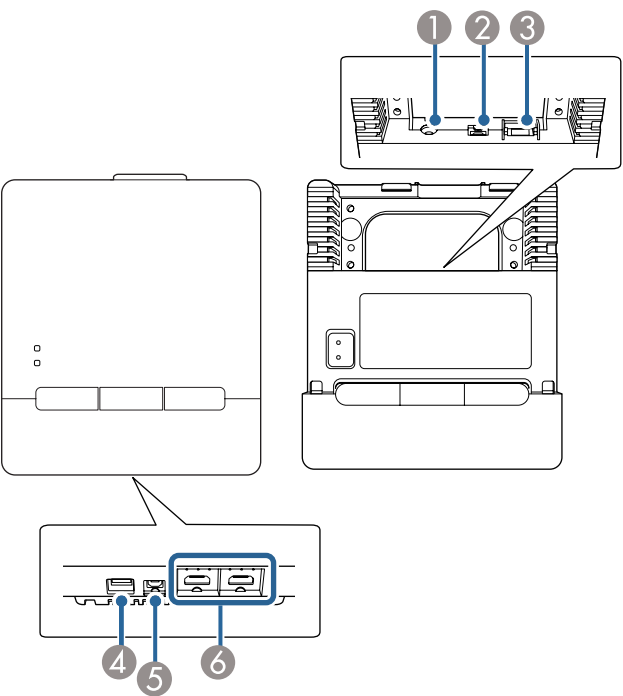
Horizontal rotation



Control Pad (ELPHD02)

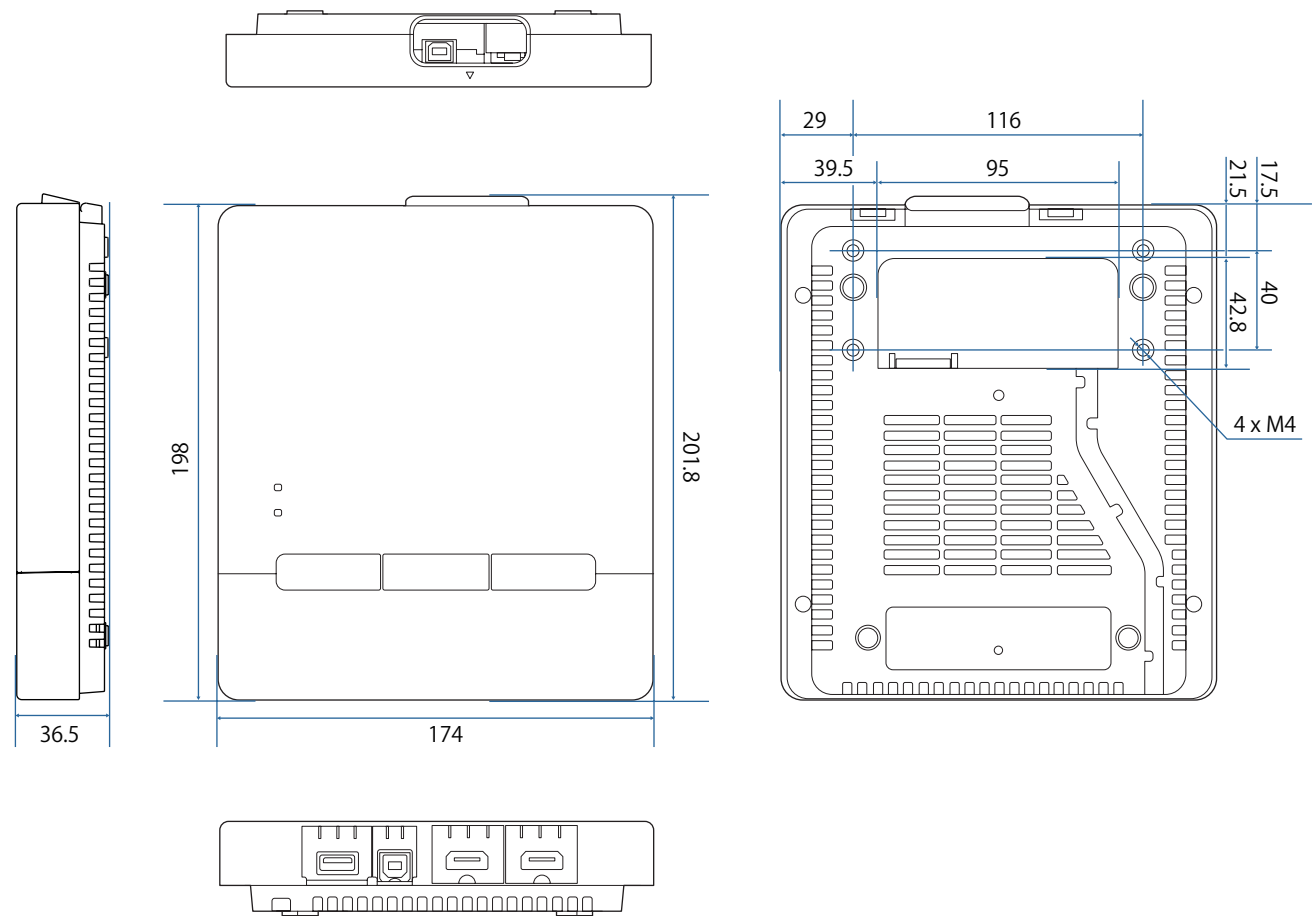
Item		Specifications
Dimensions		W174×H36.5×D201.8 mm
Weight		Approx. 0.6 kg
Power (AC adapter)		100 - 240V AC +/- 10%, 50/60 Hz
Power		12 VDC 2.5 A 30 W
Electricity consumption during use		4.5 W
Operation temperature		0 - 40°C
Operation altitudes		0 - 3048 m
Scanning frequency (HDMI)	Pixel clock	13.5 MHz - 297 MHz
	Horizontal	15 kHz - 135 kHz
	Vertical	23.98/24/25/29.97/30/50/59.94/60 Hz

Interface



No	Name
1	Power inlet
2	USB-B port (USB Type-B)
3	HDBaseT port (RJ-45)
4	USB-A port (USB Type-A)
5	USB-B port (USB Type-B)
6	HDMI1/HDMI2 port (HDMI)

Dimensions



■ Monitoring and Control

You can check the status of networked projectors and perform various projector operations using these methods.

Method	Details
ESC/VP21 command	When the projector is connected to a computer with an RS-232C cable, you can control the projector with communication commands.
Epson Web Control	By using the Web browser of a computer connected to the projector on a network, you can set the projector's functions and control the projector.
PJLink command	The projector complies with the PJLink Class2 standard established by the JBMIA. From a computer connected to the projector on a network, you can control the projector with PJLink commands. For more details on PJLink, see the following Web site. http://pjlink.jbmia.or.jp/english/
Epson Projector Management	Allows you to control multiple Epson projectors on a network. You can download Epson Projector Management from the following Web site. epson.sn/
Crestron Connected	If you are using the Crestron Connected network monitoring and control system, you can set up your projector for use on the system. For additional information on Crestron Connected, visit the Crestron Web site. https://www.crestron.com/products/line/crestron-connected

Projector Control Commands

ESC/VP21 Command List

Item	Function	Command	Setting Value/Response Value
Power on/off *1	Power on	PWR ON	-
	Power off	PWR OFF	-
	Get status	PWR?	-
		Return code	00: Standby 01: Normal operation 02: Warming up 03: Cooling down 04: Monitoring/Communication standby 05: Error standby 09: A/V standby
Operation	Key operation	KEY xx	Control panel 01: Power 03: Menu 04: Home 05: Esc 16: Enter 35: Up 36: Down 37: Left 38: Right 48: Source Search

Item	Function	Command	Setting Value/Response Value
Operation	Key operation	KEY xx	Remote control 3B: Power A1: Power on 6C: Power off 3C: Menu 30: Home 3D: Esc 49: Enter 58: Up 59: Down 5A: Left 5B: Right 4A: Auto 43: Computer 67: Source Search 4D: HDMI 8A: LAN 85: USB 47: Freeze 28: E-Zoom + 29: E-Zoom - 3E: A/V Mute 3F: Color Mode 20: Aspect 56: Volume + 57: Volume - 50: Effect C8: Keystone 84: User 88: Default 8F: ID A0: Split C6: USB Viewer
Adjusting projected image	V-Keystone setting/Get value	VKEYSTONE xxx	-
		VKEYSTONE?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	H-Keystone setting/Get value	HKEYSTONE xxx	-
		HKEYSTONE?	-
		Parameter/ Return code	0-255 INIT/INC/DEC (settings only)
	Quick Corner direction setting/Get value (based on projection area)	QCS x1 x2 x3 x4 x5 x6 x7 x8	-
		Parameter	x1-x8: 0-9999 Specify in the order of upper left (x,y), upper right (x,y), bottom right (x,y), bottom left (x,y)
		QCS?	-
		Return code	0-9999 Position (x,y) for four points separated by line breaks

Item	Function	Command	Setting Value/Response Value
Adjusting projected image	Quick Corner vector setting	QCV x1 x2 x3 x4 x5 x6 x7 x8	-
		Parameter	x1-x8: 0-99 Specify in the order of upper left (x,y), upper right (x,y), bottom right (x,y), bottom left (x,y)
	Quick Corner direction movement	QCMV control direction	-
		Parameter	control: Control location 01: Upper left control 02: Upper right control 03: Bottom right control 04: Bottom left control INIT (settings only) direction: Direction 01: Up direction 02: Down direction 03: Left direction 04: Right direction movement: Amount of movement INC only (settings only)
	Correction method setting/Get value	CORRECTMET x1	-
		CORRECTMET?	-
		Return code	01: H/V-Keystone 02: Quick Corner 03: Point Correction 06: Arc Correction
	Geometry correction memory load	POPGC x1	-
		Parameter	01: Memory1 02: Memory2 03: Memory3
	Geometry correction memory save	PUSHGC x1	-
		Parameter	01: Memory1 02: Memory2 03: Memory3
	Geometry correction memory erase	ERASEGC x1	-
		Parameter	00: ALL (Reset memory) 01: Memory1 02: Memory2 03: Memory3
	Geometry correction memory rename/get value	NAMEGC x1 x2	-
		Parameter	x1 Memory No. 01: Memory1 02: Memory2 03: Memory3 x2 Custom name (ASCII code)
		NAMEGC? x1	-
		Parameter	Same as NAMEGC x1 parameter
		Return code	Same as NAMEGC x2 parameter

Item	Function	Command	Setting Value/Response Value
Adjusting projected image	Aspect setting/Get value	ASPECT xx	-
		ASPECT?	-
		Parameter/Return code	(Screen Type = Except for <16:6>) 30: Auto 40: Full 50: Zoom 60: Native INIT (settings only)
			(Screen Type = <16:6>) 30: Auto 40: Full INIT (settings only)
			<Auto> only (get only) x1: Mode x2: Auto parameter (fixed at 30)
	Screen Type setting/Get value	SCFORMAT mode param	-
		SCFORMAT? mode	-
		Parameter/Return code	01: Screen Type setting 01: 4:3 02: 16:9 03: 16:10 04: 16:6 05: 21:9 02: Screen Position setting C19(-999) - 000 - 3E7(999) INIT(settings only)
	Brightness and light source setting/Get value	LUMINANCE xx	-
		LUMINANCE?	-
		Parameter/Return code	00: Normal 01: Quiet 04: Extended 05: Custom INIT (settings only)
	Brightness level setting/Get value	LUMLEVEL level	-
		LUMLEVEL?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Maintain brightness setting/Get value	LUMCONST x1 [x2]	-
		LUMCONST?	-
		Parameter/Return code	x1: Maintain Brightness 00: Off 01: On INIT (settings only) x2: Brightness Level 0-255

Item	Function	Command	Setting Value/Response Value
Adjusting projected image	Image shift setting/Get value	IMGSHIFT x y	-
		IMGSHIFT?	-
		Parameter/Return code	x: Shift position for X direction -2 - 2 y: Shift position for Y direction -2 - 2
	Zoom setting/Get value	ZOOM xxx	-
		ZOOM?	-
		Parameter/Return code	Digital tele/wide 0-255 INIT/INC/DEC (settings only)
	Over scan setting/Get value	OVSCAN xx	-
		OVSCAN?	-
		Parameter/Return code	00: Off 02: 4% 04: 8% A0: Auto INIT (settings only)
Source change /Signal setting	Source change/get	SOURCE xx	-
		SOURCE?	-
		Parameter/Return code	10: Computer1 20: Computer2 30: HDMI1 41: Video 51: USB Display 52: USB1 53: LAN 54: USB2 56: Screen Mirroring1 59: Screen Mirroring2 80: HDBaseT A0: HDMI2 C0: HDMI3 F0: Cycle through all sources F1: Switch to Computer1, Computer2, USB Display, USB1, USB2, LAN, Screen Mirroring1, Screen Mirroring2 F2: Switch to HDMI1, HDMI2, HDMI3, HDBaseT, Video
	Resolution setting/Get value	RESOL x1	-
		RESOL?	-
		Parameter/Return code	00: Auto F0: Wide F1: Normal INIT (settings only)
	Auto source search	AUTOSEARCH x1	-
		AUTOSEARCH?	-
		Parameter/Return code	00: Off 01: On

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Brightness setting/Get value	BRIGHT xxx	-
		BRIGHT?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Contrast setting/Get value	CONTRAST xxx	-
		CONTRAST?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Color saturation setting/Get value	DENSITY xxx	-
		DENSITY?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Color tint setting/Get value	TINT xxx	-
		TINT?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Sharpness setting/Get value	SHARP x1	-
		Parameter	x1: Adjustment value 0-255 INC/DEC/INIT
		SHARP?	-
		Return code	0-255
	Color temperature setting/Get value	CTEMP xxx	-
		CTEMP?	-
		Parameter/Return code	Color Temp. 0-255 INIT/INC/DEC (settings only)
	Skin color (G-M correction) setting/Get value	FCOLOR xxx	-
		FCOLOR?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Color mode setting/Get value	CMODE xx	-
		CMODE?	-
		Parameter/Return code	01: sRGB 04: Presentation 06: Dynamic 0F: DICOM SIM 11: Blackboard 15: Cinema 1A: Multi-Projection INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Horizontal display position setting/Get value	HPOS xxx	-
		HPOS?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Vertical display position setting/Get value	VPOS xxx	-
		VPOS?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Tracking setting/Get value	TRACKING xxx	-
		TRACKING?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Sync. setting/Get value	SYNC xxx	-
		SYNC?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Noise reduction setting/Get value	NRS xx	-
		Parameter	0-255 INIT/INC/DEC
		NRS?	-
		Return code	0-255
	MPEG noise reduction	MPEGNRS x1	-
		MPEGNRS?	-
		Parameter/Return code	00: Off 01: Low 02: Normal 03: High
	Red offset setting/Get value Green offset setting/Get value Blue offset setting/Get value	OFFSETR xxx	-
		OFFSETR?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
		OFFSETG xxx	-
		OFFSETG?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
		OFFSETB xxx	-
		OFFSETB?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Red gain setting/Get value Green gain setting/Get value Blue gain setting/Get value	GAINR xxx	-
		GAINR?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
		GAING xxx	-
		GAING?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
		GAINB xxx	-
		GAINB?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Gamma setting/Get value	GAMMA xx	-
		GAMMA?	-
		Parameter/Return code	20: Set 2 21: Set 1 22: Set 0 23: Set -1 24: Set -2 F0: Custom INIT (settings only)
	Gamma level setting/Get value	GAMMALV x1 x2	-
		Parameter	x1: Tone 00-08: Tone 1 - Tone 9 x2: Adjustment value 0-255 INC/DEC
		GAMMALV? xx	-
		Parameter	Same as GAMMALV command x1 parameter
		Return code	0-255
	RGBCMY setting/Get value	AXESADJ x1 x2 x3 x4	-
		Parameter	x1: Color 01: R 02: G 03: B 04: C 05: M 06: Y 90: ALL x2: Hue 0-255 x3: Saturation 0-255 x4: Brightness 0-255 INIT
		AXESADJ?	-
		Return code	0-255 Hue, Saturation, Brightness values for each color in the order of R, G, B, C, M, Y

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Multi screen color matching setting/Get value	MULSCR x1 x2 x3	-
		Parameter	x1: Adjustment type 01: Display pattern 05: Color correction R 06: Color correction G 07: Color correction B 08: Color correction (RGB) INIT x2: Level 00: Off (x1=01 only) 01 - 08: Level 1 - Level8 x3: Adjustment value (Except for x1=01) 0-255 INIT/INC/DEC [x3]: type (Except for x1=01 & x2=00) 00: Tone pattern 01: Blend pattern
		MULSCR? xx	-
		Parameter	x1: Adjustment type 01: Display pattern 05: Color correction R 06: Color correction G 07: Color correction B
		Return code	Adjustment value of each level or level value for selected adjustment type. Level: 00-08 Adjustment value: 000-255
	Load memory	POPMEM x1 x2	-
		Parameter	x1 Memory type 02: Advanced x2 Memory No. 01: Memory1 (No.1) : 0A: Memory10 (No.10)
	Save memory	PUSHMEM x1 x2	-
		Parameter	x1 Memory type 02: Advanced x2 Memory No. 01: Memory1 (No.1) : 0A: Memory10 (No.10)
	Erase memory	ERASEMEM x1 x2	-
		Parameter	x1 Memory type 00: ALL 02: Advanced x2 Memory No. 01: Memory1 (No.1) : 0A: Memory10 (No.10)

Item	Function	Command	Setting Value/Response Value
Adjusting image quality	Get color adjustment method setting	CSEL?	-
		Return code	07: RGB/RGBCMY
	Image Preset Mode setting/Get value	IMGPRESET x1	-
		IMGPRESET?	-
		Parameter/Return code	00: Off 01: Preset 1 02: Preset 2 03: Preset 3 04: Preset 4 05: Preset 5 INIT (settings only)
	Super-resolution: fine line adjust setting/Get value	SHRF x1	-
		SHRF?	-
		Parameter/Return code	0-255 INC/DEC/INIT
	Super-resolution: soft focus detail setting/Get value	SHRS x1	-
		SHRS?	-
		Parameter/Return code	0-255 INC/DEC/INIT
	Detail enhancement: range setting/Get value	DERANGE x1	-
		Parameter	0-255 INC/DEC/INIT
		DERANGE?	-
		Return code	0-255
	Detail enhancement: strength setting/Get value	DESTRENGTH x1	-
		Parameter	0-255 INC/DEC/INIT
		DESTRENGTH?	-
		Return code	0-255

Item	Function	Command	Setting Value/Response Value
Audio	Volume setting/Get value	VOL xxx	-
		VOL?	-
		Parameter/Return code	0-255 INIT/INC/DEC (settings only)
	Audio output signal setting/Get value	AUDIO mode [source]	-
		Parameter/Return code	Audio Output setting (when [source] is not specified) mode: Switching setting 00: Auto 01: Audio1 02: Audio2 03: Audio3 INIT (settings only) HDMI Audio Output setting mode: Switching setting 00: Default (HDMI) 01: Audio1 02: Audio2 03: Audio3 INIT (settings only) source: Target source 30: HDMI1 A0: HDMI2 C0: HDMI3
		AUDIO? [source]	-
		Parameter	Same as source parameter in AUDIO command
		Return code	Same as mode parameter in AUDIO command
	A/V output setting/Get value	AVOUT x1	-
		AVOUT?	-
		Parameter/Return code	00: While Projecting (NW Standby) 01: Always On (AV Standby) INIT (settings only)
	Inverse audio setting/Get value	AUDIOOUT mode	-
		AUDIOOUT?	-
		Parameter/Return code	10: Off (Normal) 11: On (Inversion) INIT (settings only)
Additional features	A/V mute ON, OFF/Get status	MUTE x1	-
		MUTE?	-
		Parameter/Return code	ON : A/V mute ON OFF: A/V mute OFF INIT (settings only)
	Freeze ON, OFF/Get status	FREEZE xxx	-
		FREEZE?	-
		Parameter/Return code	ON : Freeze ON OFF: Freeze OFF INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Configuration	Horizontal reverse setting/Get value	HREVERSE xxx	-
		HREVERSE?	-
		Parameter/Return code	ON : Horizontal reverse OFF: Normal INIT (settings only)
	Upside down setting/Get value	VREVERSE xxx	-
		VREVERSE?	-
		Parameter/Return code	ON : Upside down OFF: Normal INIT (settings only)
	Vertical installation setting/Get value	VPLACEMENT x1	-
		VPLACEMENT?	-
		Parameter/Return code	00: Not vertical 01: Vertical
	Reset all	INITALL2 x1	-
		Parameter/Return code	x1: Target for reset (Hex) bit 15: Reserved bit 14: Reserved bit 13: Reserved bit 12: Reserved bit 11: Reserved bit 10: Memory bit 9: Multi-Projection bit 6: Network bit 5: Management bit 4: Operation bit 3: Display bit 2: Installation bit 1: Signal I/O bit 0: Image Set as 0: Not Reset Set as 1: Reset * This parameter is bit assigned.
	Communication speed setting/Get value ²	SPEED xx	-
		Parameter	00: 9600bps 01: 19200bps 02: 38400bps 03: 57600bps INIT
		SPEED?	-
		Return code	00: 9600bps 01: 19200bps 02: 38400bps 03: 57600bps
	Projector ID setting/Get value	PROJID xx	-
		PROJID?	-
		Parameter/Return code	00: Off 01-09: ID1-ID9 INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Configuration	Illumination/Indicator setting	ILLUM xx	-
		ILLUM?	-
		Parameter/Return code	00: Off 01: On INIT (settings only)
	Invert arrows button setting/Get value	KREVERSE xx	-
		KREVERSE?	-
		Parameter/Return code	10: Off (Reset button direction) 11: On (Invert button direction) INIT (settings only)
	On Screen setting	ONSCREEN x1	-
		ONSCREEN?	-
		Parameter/ Return code	00: Off (Menus off) 01: On (Menus on)
	Menu rotation setting	OSDROTATE x1	-
		OSDROTATE?	-
		Parameter/Return code	00: Off 01: Right 90 Degree 02: Left 90 Degree
	HCB setting/Get Value	HCB x1	-
		HCB?	-
		Parameter/Return code	00: Off 01: On INIT (settings only)
	HDBaseT setting/Get Value	HDBASET mode	-
		HDBASET?	-
		Parameter/Return code	mode 00: Off 01: On INIT (settings only)
	Startup Source setting/Get value	STSOURCE mode	-
		STSOURCE?	-
		Parameter/Return code	00: Last source 10: Computer1 30: HDMI1 41: Video 51: USB Display 52: USB1 53: LAN 80: HDBaseT A0: HDMI2 C0: HDMI3
	Quick startup mode setting/Get	FASTBOOT x1	-
		FASTBOOT?	-
		Parameter/Return code	00: Off 01: 20min. 02: 60min. 03: 90min.

Item	Function	Command	Setting Value/Response Value
Configuration	Refresh mode setting/Get value	REFRESHTIME x1	-
		REFRESHTIME?	-
		Parameter/Return code	01: 1 Hour 0D: 13 Hours 02: 2 Hours 0E: 14 Hours 03: 3 Hours 0F: 15 Hours 04: 4 Hours 10: 16 Hours 05: 5 Hours 11: 17 Hours 06: 6 Hours 12: 18 Hours 07: 7 Hours 13: 19 Hours 08: 8 Hours 14: 20 Hours 09: 9 Hours 15: 21 Hours 0A: 10 Hours 16: 22 Hours 0B: 11 Hours 17: 23 Hours 0C: 12 Hours 18: 24 Hours
	Refresh mode start	REFRESH	-
	Refresh mode running message display setting/Get	REFRESHMSG x1	-
		REFRESHMSG?	-
		Parameter/Return code	00: Messages off 01: Messages on
	Batch setup range setting/Get	BARANGE x1	-
		BARANGE?	-
		Parameter/Return code	00: All 01: Limited
	Light source calibration start (run now)	LTCALB	-
	Auto light source calibration setting/Get (run periodically)	AUTOLTALB x1	-
		AUTOLTALB?	-
		Parameter/Return code	00: Off 01: On (Run Periodically)
	Get last date and time of the light source calibration	LASTLTALB?	-
		Return code	yyyyMMddHHmm (Year/Month/Day/Time) 2000 - 2099: yyyy 01 - 12: MM 01 - 31: dd 00 - 23: HH 00 - 59: mm

Item	Function	Command	Setting Value/Response Value
Configuration	HDMI OUT setting/Get setting value	HDMIOUT x1 x2	-
		HDMIOUT? x1	-
		Parameter/Return code	x1 = Setting function 00: HDMI Out Setting 01: Number of Projectors 02: Order
			x2 = Setting value HDMI Out Setting (x1=00) 00: Off 01: On (Pass Through)
			Number of Projectors (x1=01) 02: 2 03: 3 04: 4
			* HDMI Out Setting = On (Pass Through)
			Order (x1=02) 01: 1 02: 2 03: 3 * 04: 4 *
			* HDMI Out Setting = On (Pass Through)
	Menu color setting/Get value	MENUCOLOR x1	-
		MENUCOLOR?	-
		Parameter/Return code	00: Black 01: White INIT (settings only)
Home Screen	Home screen auto display	AUTOHOME x1	-
		AUTOHOME?	-
		Parameter/Return code	00: Off (No display) 01: On (Display auto)
	Sort sources	HSORT x1	-
		HSORT?	-
		Parameter/Return code	00: Off 01: On INIT (settings only)

Item	Function	Command	Setting Value/Response Value
Network	Get AMX DDDP BeaconMessage ^{*2}	AMX	-
		Return code	* Follow AMX specification. AMXB<-SDKClass=VideoProjector> <-GUID=EPSON_EMP001><-Revision=1.0.0>
	AMX DDDP IP BeaconMessage status setting/Get status	AMXDDDP xx	-
		AMXDDDP?	-
	Extron XTP setting/Get	Parameter/Return code	00: Stop sending BeaconMessage 01: Start sending BeaconMessage INIT (settings only)
		XTP	-
	Wireless LAN power ^{*2}	XTP?	-
		Return code	00: Off 01: On
		WLPWR x1	-
		WLPWR?	-
		Parameter/Return code	00: Off 01: Wireless LAN On
Screen Mirroring	Screen Mirroring (power) setting/Get	WDPWR x1	-
		WDPWR?	-
		Parameter/Return code	00: Off 01: On
	Performance tuning setting/Get value	WDPERF x1	-
		WDPERF?	-
		Parameter/Return code	01: 1 (Fine) 02: 2 03: 3 04: 4 (Fast)
	Reflect Screen Mirroring setting	WDRESET	-
	Interrupt Screen Mirroring setting/Get value	WDINTRPT x1	-
		WDINTRPT?	-
	Information bar setting/Get value	Parameter/Return code	00: Off 01: On
		WDINFOBAR x1	-
		WDINFOBAR?	-
		Parameter/Return code	00: Off 01: On

Item	Function	Command	Setting Value/Response Value
Information	Get light source usage hour	LAMP?	-
		Return code	LAMP=x1 x1: Light Source Hours
	Get usage hours	ONTIME?	-
		Return code	ONTIME=x1 x1: Operation Hours
	Get signal status	SIGNAL?	-
		Return code	00: No signal 01: With signal FF: Unsupported signal
	Get input source information	SOURCELIST?	-
		Return code	10: Computer1 20: Computer2 30: HDMI1 41: Video 51: USB Display 52: USB1 53: LAN 54: USB2 56: Screen Mirroring1 59: Screen Mirroring2 80: HDBaseT A0: HDMI2 C0: HDMI3
	Get input source information	SOURCELISTA?	-
	(all source)	Return code	-
			10: Computer1 20: Computer2 30: HDMI1 41: Video 51: USB Display 52: USB1 53: LAN 54: USB2 56: Screen Mirroring1 59: Screen Mirroring2 80: HDBaseT A0: HDMI2 C0: HDMI3
	Log Save Destination	LOGTO x1	-
		LOGTO?	-
		Parameter/Return code	00: Internal Memory 01: USB and Internal Memory

*1 Available even when the password protection is activated.

*2 Only available when you transmit commands using the RS-232C cable.

PJLink Command List

Command	Function	Setting Value/ Response Value	Content
POWR?	Power-off (Standby) Abnormal standby	POWR=0	PWR=00,04,05
	Power-on (Laser-on)	POWR=1	PWR=01
	Cooling status	POWR=2	PWR=03
	Warm up status	POWR=3	PWR=02
INPT	RGB	11	Computer
INPT?	(Analog RGB signal)	12	Computer2
INST?	VIDEO (Video and Component video signal)	21	Video
	DIGITAL (Digital signal)	32	HDMI1
		33	HDMI2
		36	HDMI3
	STORAGE (Storage media signal)	41	USB1
		42	USB2
	NETWORK (Network communication)	52	LAN
		53	USB Display
		56	HDBaseT
		57	Screen Mirroring1
		58	Screen Mirroring2
ERST?	First character: Fan error	2: error	Fan error
	Second character: Laser error		Laser error Laser failure
	Third character: Temperture error		High temperture warning High temperture error
	Sixth character: Other errors		Other warnings Other errors
AVMT?	A/V mute	31	MUTE=ON
	Normal	30	MUTE=OFF
NAME?	Projector name query		Projector name
INF1?	Manufacture name information query		EPSON
INF2?	Product name information query		EPSON 805F/800F
INFO?	Other information query		-
CLSS?	Class information query		2
LAMP?	[L1 light source usage time] [L1 light source query] (ESC/VP21 command: LAMP?,PWSTATUS?)		-

Class2 Command List

Command	Status	Setting Value/ Response Value	Content
SRCH ?	Request to search projector		-
ACKN	Response to projector search		-
LKUP =	Status notification (link up)		- When address is confirmed
ERST =	Status notification (error occurred)		-
POWR =	Status notification (changing power status)		-
INPT =	Status notification (changing input source)		-
SNUM ?	Serial number query		-
SVER ?	Software version query		- Response Main(P)
INNM ?	Input port name query		- Japanese and English only
IRES ?	Input resolution query		-
RRES ?	Recommended resolution query		-
FILT ?	Filter usage time query		-
RFIL ?	Response filter model number		ELPAF56
SVOL	Adjust speaker volume		VOL INC/DEC
MVOL	Adjust mic volume		MICLEVEL INC/DEC
FREZ	Freeze	1	FREEZE=ON
FREZ ?	Freeze off	0	FREEZE=OFF

■ Appendix

Trademarks

Gmail is a trademark or registered trademark of Google Inc.

Yahoo! is a trademark or registered trademark of Yahoo! Inc. in the United States.

Outlook, Office365 are trademarks or registered trademarks of Microsoft Corporation in the United States.

Cautions

1. The copyright for this document is owned by the Seiko Epson Corporation. No part of this document 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.
2. This document is only to be used as instruction document for projector products.

Disclaimer

1. The contents of this document are subject to change without notice.
2. While every precaution has been taken in the preparation of this document, Seiko Epson Corporation assumes no responsibility for errors or omissions. Neither is any liability assumed for damages resulting from the use of the information contained herein.
3. Responsibility for use of this document lies with the user. Seiko Epson Corporation shall not be liable to the purchaser of this document or third parties for damages, losses, costs, or expenses incurred by the purchaser or third parties as a result of use of this document.