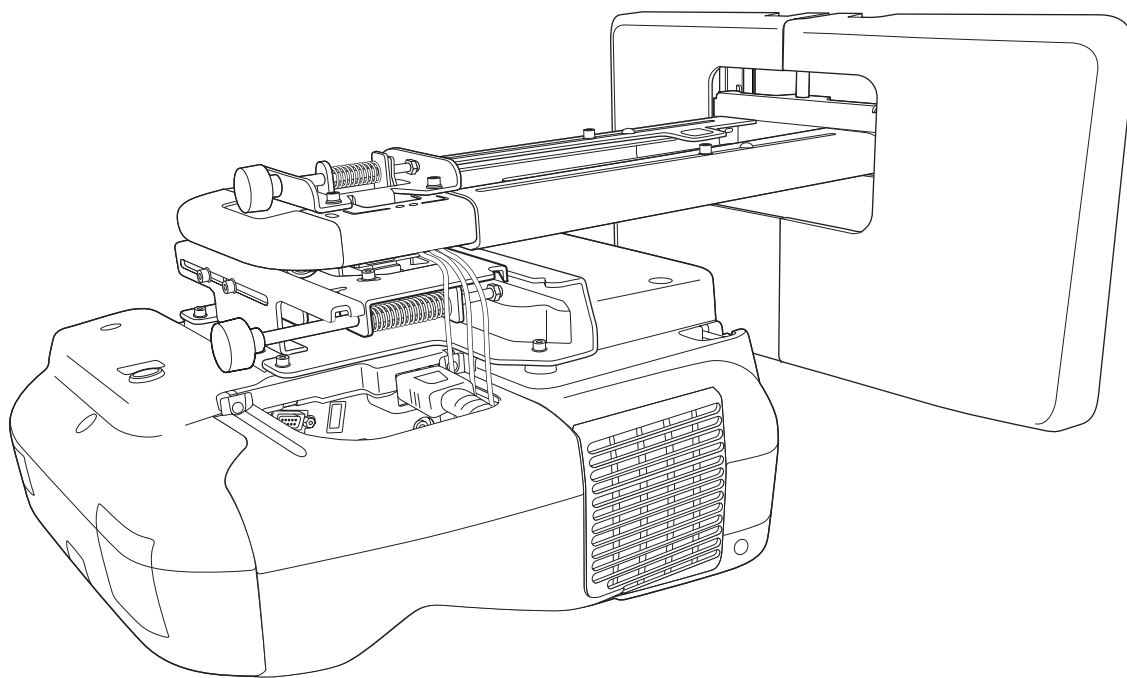


EB-585Wi/EB-585W/EB-580
EB-575Wi/EB-575W/EB-570

Installation Guide





Safety Instructions

For your safety, read all the instructions in this guide before using this product. Incorrect handling that ignores instructions in this guide could damage this product or could result in personal injury or property damage. Keep this installation guide at hand for future reference.




Read the *User's Guide* and *Safety Instructions* for your projector and follow the instructions in these documents.

Safety indications





The documentation and this product use graphical symbols to show how to use this product safely. The indications and their meaning are as follows. Make sure you understand them properly before reading the guide.














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











Explanation of Symbols

Symbols	Explanation
	Symbol indicating an action that must not be done
	Symbol indicating an action that should be done
	Symbol indicating related or useful information

Safety Precautions for Installation

 Warning	
The setting plate is exclusively for mounting the projector on a wall. If anything other than a projector is mounted, the weight may result in damage. If this product falls, it could cause death or personal injury.	
The installation work (wall mounting) should be performed by specialists who have technical knowledge and ability. Incomplete or incorrect installation could cause the product to fall and cause personal injury or property damage.	
Follow the instructions in this guide when installing this product. If the instructions are not followed, this product may fall, resulting in personal injury or an accident.	

 Warning	
<p>Handle the power cord carefully.</p> <p>Incorrect handling may cause fire or electric shock. Observe the following precautions when handling:</p> <ul style="list-style-type: none"> • Do not handle the power plug with wet hands. • Do not use a power cord that is damaged or modified. • Do not pull the power cord with too much force when routing the cable through the setting plate. 	
<p>Do not install the setting plate in a place where it might be subjected to vibration or shock.</p> <p>This could cause damage to the projector or mounting surface. If this product falls, it could cause death or personal injury.</p>	
<p>Install the setting plate so that it can sufficiently support the mass of the projector and setting plate, and resist any horizontal vibration. Use M10 nuts and bolts.</p> <p>Nuts and bolts smaller than M10 could cause the setting plate to fall. Epson accepts no responsibility for any damage or injury caused by lack of wall strength or inadequate installation.</p>	
<p>The installation work should be performed by at least two qualified service personnel. If you need to loosen any screws during installation, be careful not to drop this product.</p> <p>If this product falls, it could cause death or personal injury.</p>	
<p>When mounting this product on a wall, the wall requires enough strength to hold the projector and the setting plate.</p> <p>This product should be installed on a concrete wall. The maximum combined weight of the projector and the setting plate is approximately 14 kg (not including cables). Ensure the strength of the wall before mounting this product on the wall. If the wall is not strong enough, reinforce the wall before installation.</p>	
<p>Inspect the setting plate on a regular basis to ensure there are no broken parts or loose screws.</p> <p>If any parts are damaged, stop using the setting plate immediately. If this product falls, it could cause death or personal injury.</p>	
<p>Do not disassemble or remodel this product.</p> <p>There are numerous high-voltage sections inside the product that could cause a fire, electric shock, or an accident.</p>	
<p>Do not hang on this product or hang a heavy object on this product.</p> <p>If this product falls, it could cause death or personal injury.</p>	
<p>Do not use adhesives, lubricants, or oils to install or adjust the setting plate.</p> <p>If you use adhesives to prevent the screws from loosening or things such as lubricants or oils on the slide plate fixing part of the projector, the case may crack and cause the projector to fall, resulting in personal injury or property damage.</p>	
<p>Tighten all screws firmly after adjustment.</p> <p>Otherwise, the product may fall and cause personal injury or property damage.</p>	
<p>Never loosen the bolts and nuts after installation.</p> <p>Confirm that the screws have not become loose on a regular basis. If you find any loose screws, tighten them firmly. Otherwise, the product may fall and cause personal injury or property damage.</p>	
<p>Route the cables so that they do not interfere with the nuts and bolts.</p> <p>Incorrect handling of the cables may cause fire or electric shock.</p>	

 Warning	
<p>When turning on the projector, do not look into the projection window.</p> <p>This could cause damage to eyesight due to the powerful light emitted. Take particular care when there are children present. When turning on the projector at a distance using the remote control, make sure there is no one looking into the projection window.</p>	
<p>When using the projector, do not place any objects or put your hand near the projection window.</p> <p>This area is dangerous as it reaches a high temperatures due to the concentrated projection light.</p>	
<p>Do not cover the projector's air intake vent or air exhaust vent. If either of the vents are covered, the internal temperature could rise and cause a fire.</p> <p>Avoid locations subject to high temperatures, such as close to heaters, and leave a gap of at least 20 cm between the wall and the air exhaust vent.</p>	
<p>Do not use the projector in a location subject to combustible or explosive gas.</p> <p>The projector may catch fire because of the high temperature of the lamp inside the projector.</p>	
<p>If any abnormalities occur with this product, immediately disconnect the cables from the product, and then contact your local dealer or the nearest Epson service call center.</p> <p>Continuing to use the product in an abnormal condition could cause a fire, electric shock, or visual impairment.</p>	
 Caution	
<p>Do not install this product in a location where the operating temperature for your projector model may be exceeded.</p> <p>Such an environment may damage the projector.</p>	
<p>Install this product in a place free from excessive dust and humidity to prevent the lens or optical components from becoming dirty.</p>	
<p>Do not use excessive force when adjusting this product.</p> <p>This product may break, resulting in personal injury.</p>	

About This Installation Guide

This guide describes how to mount the short-throw projector EB-585Wi/EB-585W/EB-580/EB-575Wi/EB-575W/EB-570 on a wall.



Choosing an Installation Location

Projector installation location

- Carry out power supply wiring work for the installation location of the setting plate in advance.
- Install the projector away from other electric devices such as fluorescent lights or air conditioners. Some kinds of fluorescent lights could interfere with the remote control of the projector.
- It is recommended to keep connection cable length less than 20 meters to reduce external noise.
- We recommend using stick-on screens or board screens.
- Make sure the projector is installed under the following conditions.
 - The projected image is a rectangular shape without any distortion.
 - The projector is tilted at an angle of no more than $\pm 3^\circ$ vertically and horizontally in relation to the screen.
 - When using keystone correction, the gradation for vertical and horizontal keystone correction is no more than ± 6 .
- When using the interactive function (Easy Interactive Function), install so that the projected image is within reach (EB-585Wi/575Wi only).
- Do not install the projector or the screen in a location subject to direct sunlight. If the projector or the screen are subject to direct sunlight, the interactive function may not operate correctly (EB-585Wi/575Wi only).

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Installation Work Flow

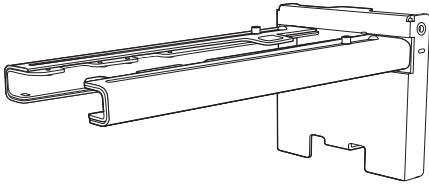
Follow the procedures below to mount the projector on a wall.

- 1** Installing the Setting Plate and the Projector (👉 [p.26](#))
- 2** Adjusting the Projected Image (👉 [p.37](#))
- 3** Calibrating the Interactive Pen (EB-585Wi/575Wi only) (👉 [p.44](#))

Package Contents

Setting plate

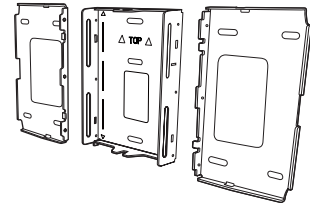
The following supplied items are necessary to mount the projector on a wall. Confirm that you have all items before beginning.



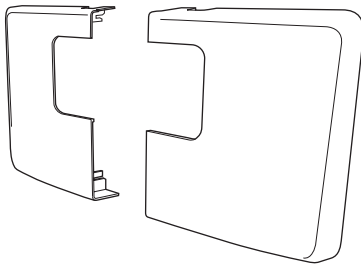
Setting plate



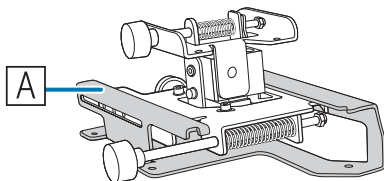
Hexagonal axis



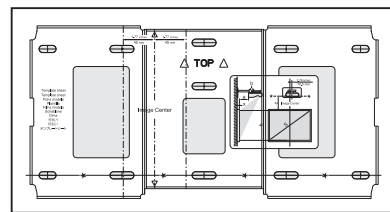
Wall plate



Wall plate cover



3-axis adjustment unit
*The slide plate (A) is secured during shipping.



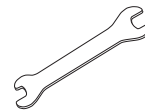
Template sheet
(for installing the wall plate)



End cap



Hexagon wrench (for M4)






Open-ended spanner
13 mm (for M8 and M6),
6 mm (for hexagonal axis)

Shape	Name	Quantity	Application
	M4 x 12 mm hexagon socket head cap bolt with washer/spring washer	6	For wall plate assembly
		4	For 3-axis adjustment unit/arm installation
		4	For slide plate/projector installation
		2	For slide plate/3-axis adjustment unit installation (attached during shipping)
	M6 x 20 mm hexagon shoulder head bolt with washer/spring washer	1	For setting plate/wall plate installation
	M6 x 20 mm cross recessed head shoulder screws with plastic washers	3	

- Use the bolts or screws supplied with this product to install it as directed in this guide. Do not substitute these bolts with any other types.
- You need to use commercially available M10 x 60 mm anchors (at least 3) to attach the wall plate to the wall.
- Gather the tools and parts you need before you begin installation.

Specifications

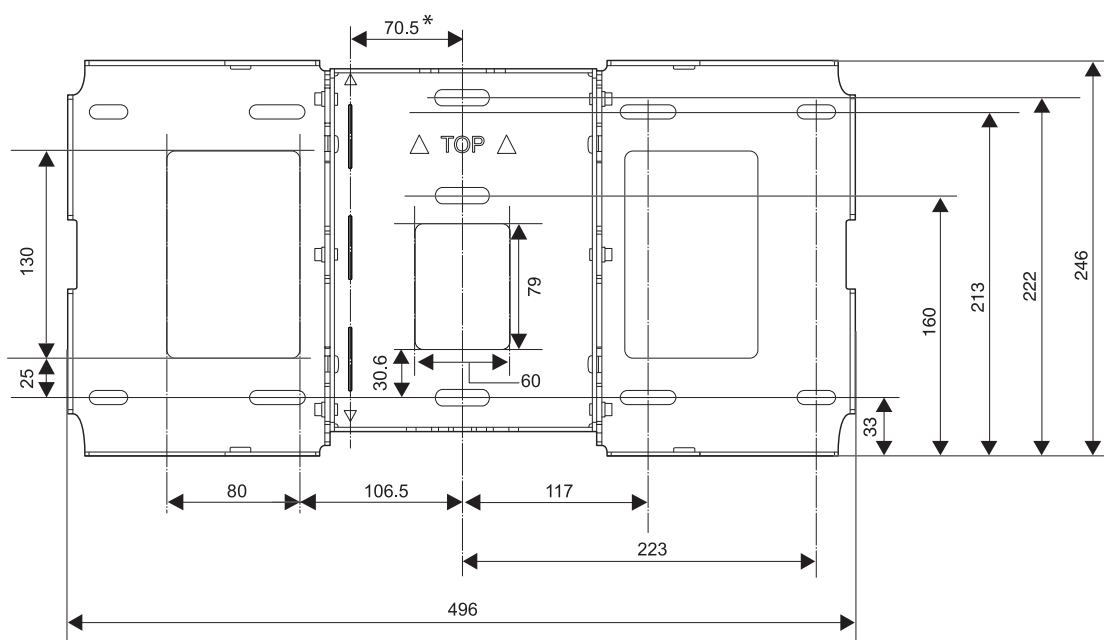
Setting plate

Item	Specification	Remark	Reference Page
Setting plate weight	Approx. 8.1 kg	Setting plate (3.0 kg), 3-axis adjustment unit (1.2 kg), slide plate (0.8 kg), wall plate (2.7 kg), wall plate cover and end cap (0.4 kg)	
Maximum load capacity	7 kg		
Forward/backward slide adjustment range	0 to 360 mm	Arm slide adjustment range: 0 to 273 mm Adjustment for 3-axis adjustment unit installation position: 87 mm	See the figure below
Vertical slide adjustment range	±38 mm		See the figure below
Horizontal roll adjustment range	±3°	Fine adjustments possible with adjustment dial	 p.37
Horizontal rotation adjustment range	±8°	Fine adjustments possible with adjustment dial	 p.37
Vertical tilt adjustment range	±3°	Fine adjustments possible with adjustment dial	 p.37
Horizontal slide adjustment range	±45 mm		See the figure below

Wall plate

The following figure shows three wall plates connected to form one plate (separate when shipped).

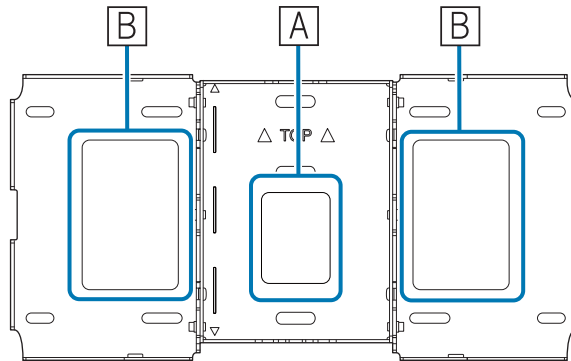
[Unit: mm]



* Offset value for the position of the center of the projected image and the center of the wall plate

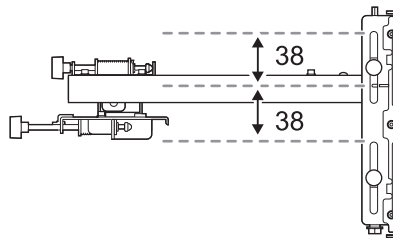
Cable routing holes

When routing cables to connect to the projector through a wall, use positions (**A**) and (**B**) in the following figure as the cable routing holes.



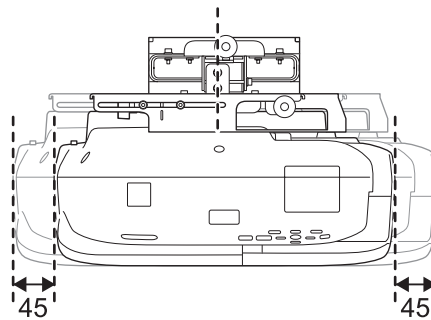
Vertical slide adjustment range

[Unit: mm]



Horizontal slide adjustment range

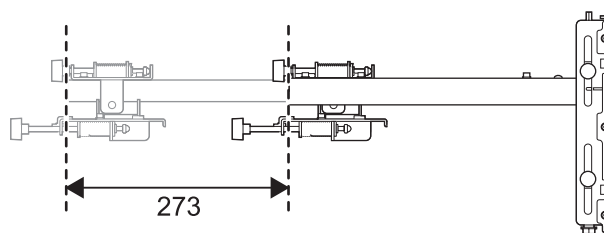
[Unit: mm]



Forward/backward slide adjustment range

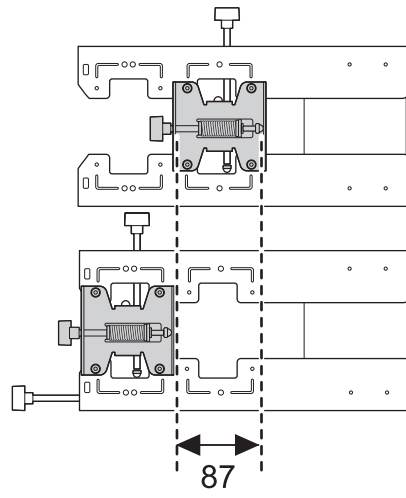
Arm slide adjustment range

[Unit: mm]



Adjustment range for 3-axis adjustment unit installation position

[Unit: mm]



Projection Distance Table

Figures of Installation Dimensions

To find the appropriate screen size, see the following figures when installing. The values are only rough estimates.

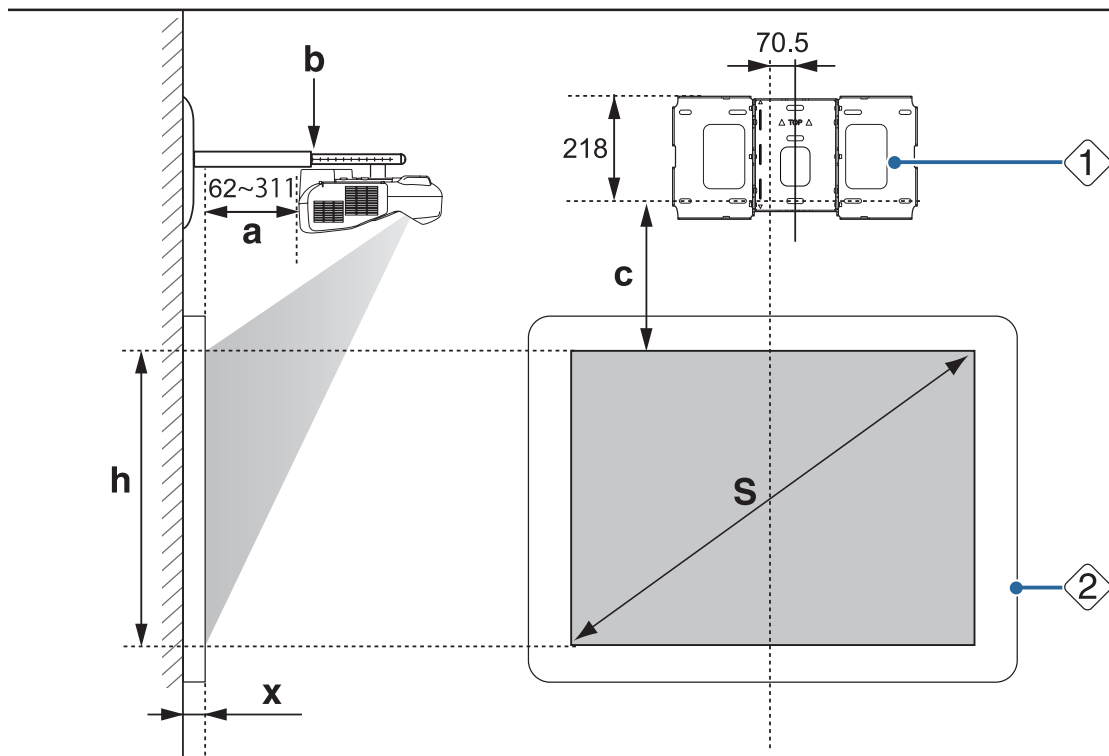
The recommended range for the projection distance (a) is 62 to 311 mm.

The offset value for the position of the center of the projected image and the center of the wall plate is 70.5 mm.

When the projected image size (S) is 75 inches or more, the scale on the arm slide (b) is equal to the projection distance (a).

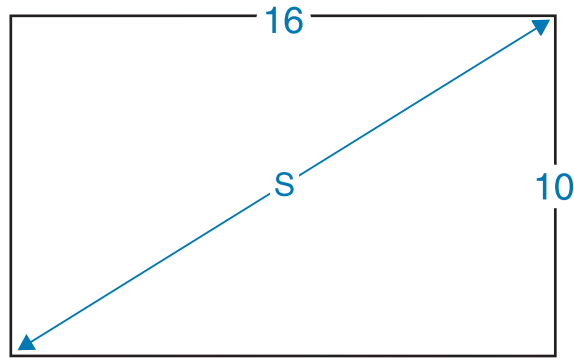
The numbers for (a) and (b) differ if the projected image size (S) is less than 75 inches.

[Unit: mm]

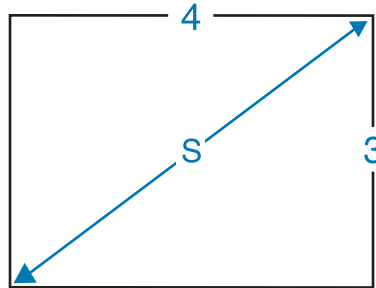


- S** : Projected image size
- a** : Minimum projection distance (Wide: maximum zoom) to maximum (Tele: minimum zoom)
- b** : Numbers on the arm slide scale
- c** : Distance from projected image to wall plate
- h** : Height of projected image
- x** : Distance from surface of screen to wall (100 mm or less)
- ①** : Wall plate
- ②** : Screen

Aspect ratio for standard projected image (EB-585Wi/585W/575Wi/575W)



Aspect ratio for standard projected image (EB-580/570)



■ Interactive whiteboard list (EB-585W/580/575W/570 only)

When you have already installed an interactive board, check the size of the whiteboards below, and then refer to the projection distance table.

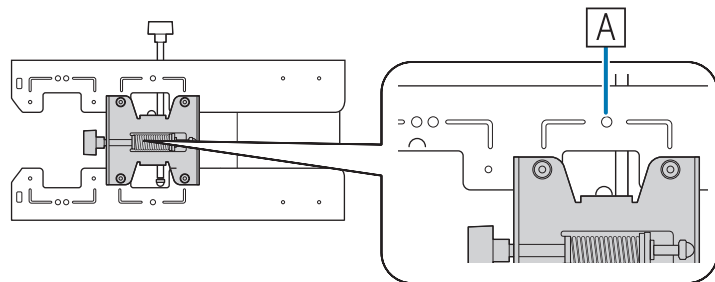
Projected Image Size	16:10	4:3	16:9
57"	-	PolyVision TS410	-
60"	-	Hitachi®Cambridge board60 RM Classboard2 60 INTERWRITE BOARD 1060 INTERWRITE Dual board 1260	-
63"	-	Hitachi® Starboard FX- 63	-
64"	-	SMART Board 660 Promethean ActivBoard 164	-
66"	-	TeamBoard RT TMWM5422CL/EM	-
71"	-	-	INTERWRITE BOARD 1071
75"	PolyVision® eno2650	-	-
77"	-	HitachiCambridge board77 Hitachi Starboard FX DUO 77 SMART Board680 SMART BoardX880 INTERWRITE® BOARD 1077 TeamBoard RT TMWM6250CL/ EM	INTERWRITE Dual board 1277
77.5"	-	RM Classboard2 77.5	-
78"	PolyVision TS 600/ TS620 / TSL620	PolyVisionTS610 Promethean ActivBoard 178 / 378	-

Projected Image Size	16:10	4:3	16:9
79"	-	INTERWRITE Dual board 1279	-
80"	-	-	RM Classboard 85
82"	-	-	Hitachi Starboard FX-82Wide
85"	TeamBoard RT TMWM7450EM	-	INTERWRITE BOARD 1085 INTERWRITE Dual board 1285
87"	SMART Board™ 685 SMART BoardX 885 Promethean ActivBoard 387 Promethean ActivBoard 587 pro	-	-
88"	Hitachi Starboard FX DUO-88W	-	-
89"	-	INTERWRITE Dual board 1289	-
93"	-	-	PolyVision ENO 2810
94"	-	-	SMART Board 690
95"	-	-	INTERWRITE BOARD 1095 INTERWRITE Dual Board 1295 Promethean ActivBoard 395 Promethean ActivBoard 595 pro

When Projected Image is Smaller than 75 Inches

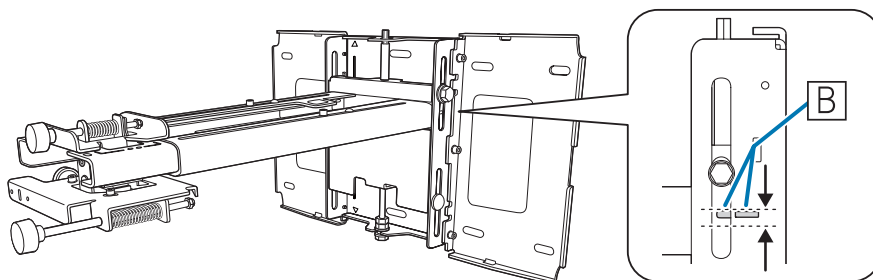
Mount the 3-axis adjustment unit at the position marked with a ○ stamp (**A**).

The projection distance table provides the figures when mounting the 3-axis adjustment unit at the position marked with a ○ stamp (**A**). The numbers on the arm slide scale (b) differ from the projection distance (a).



The distance (c) from the projected image to the wall plate is the number given when the vertical slide is set to the standard position (**B**).

Match the notch on the setting plate to the position of the stamp on the wall plate.



■ EB-585Wi/585W/575Wi/575W (16:10 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
60"	129.2x80.8	6.2 - 19.3	14.9 - 28.0	17.4	80.8
61"	131.4x82.1	6.9 - 20.1	15.6 - 28.8	17.7	82.1
62"	133.5x83.5	7.5 - 20.9	16.2 - 29.6	17.9	83.5
63"	135.7x84.8	8.1 - 21.8	16.8 - 30.5	18.2	84.8
64"	137.9x86.2	8.7 - 22.6	17.4 - 31.3	18.5	86.2
65"	140.0x87.5	9.3 - 23.5	18.0 - 32.2	18.7	87.5
66"	142.2x88.8	10.0 - 24.3	18.7 - 33.0	19.0	88.8
67"	144.3x90.2	10.6 - 25.1	19.3 - 33.8	19.3	90.2
68"	146.5x91.5	11.2 - 26.0	19.9 - 34.7	19.5	91.5
69"	148.6x92.9	11.8 - 26.8	20.5 - 35.5	19.8	92.9
70"	150.8x94.2	12.4 - 27.6	21.1 - 36.3	20.1	94.2
71"	152.9x95.6	13.1 - 28.5	21.8 - 37.2	20.3	95.6
72"	155.1x96.9	13.7 - 29.3	22.4 - 38.0	20.6	96.9
73"	157.2x98.3	14.3 - 30.2	23.0 - 38.9	20.9	98.3
74"	159.4x99.6	14.9 - 31.0	23.6 - 39.7	21.1	99.6

Images smaller than 60 inches are not projected correctly.

■ EB-585Wi/585W/575Wi/575W (16:9 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
59"	130.6x73.5	6.6 - 19.8	15.3 - 28.5	21.7	73.5
60"	132.8x74.7	7.3 - 20.7	16.0 - 29.4	22.0	74.7
61"	135.0x76.0	7.9 - 21.5	16.6 - 30.2	22.3	76.0
62"	137.3x77.2	8.6 - 22.4	17.3 - 31.1	22.7	77.2
63"	139.5x78.5	9.2 - 23.3	17.9 - 32.0	23.0	78.5
64"	141.7x79.7	9.8 - 24.1	18.5 - 32.8	23.4	79.7
65"	143.9x80.9	10.5 - 25.0	19.2 - 33.7	23.7	80.9
66"	146.1x82.2	11.1 - 25.8	19.8 - 34.5	24.1	82.2

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
67"	148.3x83.4	11.7 - 26.7	20.4 - 35.4	24.4	83.4
68"	150.5x84.7	12.4 - 27.6	21.1 - 36.3	24.8	84.7
69"	152.8x85.9	13.0 - 28.4	21.7 - 37.1	25.1	85.9
70"	155.0x87.2	13.7 - 29.3	22.4 - 38.0	25.4	87.2
71"	157.2x88.4	14.3 - 30.1	23.0 - 38.8	25.8	88.4
72"	159.4x89.7	14.9 - 31.0	23.6 - 39.7	26.1	89.7
73"	161.6x90.9	15.6 - 31.1	24.3 - 39.8	26.5	90.9
74"	163.8x92.1	16.2 - 31.1	24.9 - 39.8	26.8	92.1

Images smaller than 59 inches are not projected correctly.

■ EB-585Wi/585W/575Wi/575W (4:3 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
53"	107.7x80.8	6.2 - 19.3	14.9 - 28.0	17.4	80.8
54"	109.7x82.3	6.9 - 20.2	15.6 - 28.9	17.7	82.3
55"	111.8x83.8	7.6 - 21.2	16.3 - 29.9	18.0	83.8
56"	113.8x85.3	8.3 - 22.1	17.0 - 30.8	18.3	85.3
57"	115.8x86.9	9.1 - 23.1	17.8 - 31.8	18.6	86.9
58"	117.9x88.4	9.8 - 24.0	18.5 - 32.7	18.9	88.4
59"	119.9x89.9	10.5 - 25.0	19.2 - 33.7	19.2	89.9
60"	121.9x91.4	11.2 - 25.9	19.9 - 34.6	19.5	91.4
61"	124.0x93.0	11.9 - 26.9	20.6 - 35.6	19.8	93.0
62"	126.0x94.5	12.6 - 27.8	21.3 - 36.5	20.1	94.5
63"	128.0x96.0	13.3 - 28.8	22.0 - 37.5	20.4	96.0
64"	130.0x97.5	14.0 - 29.7	22.7 - 38.4	20.7	97.5
65"	132.1x99.1	14.7 - 30.7	23.4 - 39.4	21.0	99.1
66"	134.1x100.6	15.4 - 31.1	24.1 - 39.8	21.3	100.6
67"	136.1x102.1	16.1 - 31.1	24.8 - 39.8	21.6	102.1
68"	138.2x103.6	16.8 - 31.1	25.5 - 39.8	21.9	103.6
69"	140.2x105.2	17.5 - 31.1	26.2 - 39.8	22.2	105.2
70"	142.2x106.7	18.2 - 31.1	26.9 - 39.8	22.5	106.7

S		a	b	c	h
Projected image size		Projection Dis- tance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projec- ted image
71"	144.3x108.2	18.9 - 31.1	27.6 - 39.8	22.8	108.2
72"	146.3x109.7	19.6 - 31.1	28.3 - 39.8	23.2	109.7
73"	148.3x111.3	20.3 - 31.1	29.0 - 39.8	23.5	111.3
74"	150.4x112.8	21.0 - 31.1	29.7 - 39.8	23.8	112.8

Images smaller than 53 inches are not projected correctly.

■ EB-580/570 (4:3 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
56"	113.8x85.3	6.3 - 19.3	15.0 - 28.0	15.2	85.3
57"	115.8x86.9	6.9 - 20.2	15.6 - 28.9	15.4	86.9
58"	117.9x88.4	7.6 - 21.1	16.3 - 29.8	15.6	88.4
59"	119.9x89.9	8.3 - 22.0	17.0 - 30.7	15.9	89.9
60"	121.9x91.4	8.9 - 22.9	17.6 - 31.6	16.1	91.4
61"	124.0x93.0	9.6 - 23.8	18.3 - 32.5	16.4	93.0
62"	126.0x94.5	10.3 - 24.7	19.0 - 33.4	16.6	94.5
63"	128.0x96.0	10.9 - 25.6	19.6 - 34.3	16.9	96.0
64"	130.0x97.5	11.6 - 26.5	20.3 - 35.2	17.1	97.5
65"	132.1x99.1	12.2 - 27.4	20.9 - 36.1	17.4	99.1
66"	134.1x100.6	12.9 - 28.3	21.6 - 37.0	17.6	100.6
67"	136.1x102.1	13.6 - 29.2	22.3 - 37.9	17.9	102.1
68"	138.2x103.6	14.2 - 30.1	22.9 - 38.8	18.1	103.6
69"	140.2x105.2	14.9 - 31.0	23.6 - 39.7	18.3	105.2
70"	142.2x106.7	15.6 - 31.1	24.3 - 39.8	18.6	106.7
71"	144.3x108.2	16.2 - 31.1	24.9 - 39.8	18.8	108.2
72"	146.3x109.7	16.9 - 31.1	25.6 - 39.8	19.1	109.7
73"	148.3x111.3	17.6 - 31.1	26.3 - 39.8	19.3	111.3
74"	150.4x112.8	18.2 - 31.1	26.9 - 39.8	19.6	112.8

Images smaller than 56 inches are not projected correctly.

■ EB-580/570 (16:9 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
52"	115.1x64.8	6.7 - 19.9	15.4 - 28.6	26.1	64.8
53"	117.3x66.0	7.4 - 20.9	16.1 - 29.6	26.6	66.0
54"	119.5x67.2	8.1 - 21.8	16.8 - 30.5	27.1	67.2
55"	121.8x68.5	8.9 - 22.8	17.6 - 31.5	27.5	68.5

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
56"	124.0x69.7	9.6 - 23.8	18.3 - 32.5	28.0	69.7
57"	126.2x71.0	10.3 - 24.8	19.0 - 33.5	28.5	71.0
58"	128.4x72.2	11.0 - 25.8	19.7 - 34.5	29.0	72.2
59"	130.6x73.5	11.8 - 26.7	20.5 - 35.4	29.4	73.5
60"	132.8x74.7	12.5 - 27.7	21.2 - 36.4	29.9	74.7
61"	135.0x76.0	13.2 - 28.7	21.9 - 37.4	30.4	76.0
62"	137.3x77.2	13.9 - 29.7	22.6 - 38.4	30.9	77.2
63"	139.5x78.5	14.7 - 30.6	23.4 - 39.3	31.3	78.5
64"	141.7x79.7	15.4 - 31.1	24.1 - 39.8	31.8	79.7
65"	143.9x80.9	16.1 - 31.1	24.8 - 39.8	32.3	80.9
66"	146.1x82.2	16.8 - 31.1	25.5 - 39.8	32.8	82.2
67"	148.3x83.4	17.6 - 31.1	26.3 - 39.8	33.2	83.4
68"	150.5x84.7	18.3 - 31.1	27.0 - 39.8	33.7	84.7
69"	152.8x85.9	19.0 - 31.1	27.7 - 39.8	34.2	85.9
70"	155.0x87.2	19.7 - 31.1	28.4 - 39.8	34.7	87.2
71"	157.2x88.4	20.5 - 31.1	29.2 - 39.8	35.1	88.4
72"	159.4x89.7	21.2 - 31.1	29.9 - 39.8	35.6	89.7
73"	161.6x90.9	21.9 - 31.1	30.6 - 39.8	36.1	90.9
74"	163.8x92.1	22.6 - 31.1	31.3 - 39.8	36.6	92.1

Images smaller than 52 inches are not projected correctly.

■ EB-580/570 (16:10 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
53"	114.2x71.3	6.4 - 19.5	15.1 - 28.2	22.3	71.3
54"	116.3x72.7	7.1 - 20.4	15.8 - 29.1	22.7	72.7
55"	118.5x74.0	7.8 - 21.4	16.5 - 30.1	23.1	74.0
56"	120.6x75.4	8.5 - 22.3	17.2 - 31.0	23.5	75.4
57"	122.8x76.7	9.2 - 23.3	17.9 - 32.0	23.9	76.7
58"	124.9x78.1	9.9 - 24.2	18.6 - 32.9	24.3	78.1
59"	127.1x79.4	10.6 - 25.2	19.3 - 33.9	24.7	79.4

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
60"	129.2x80.8	11.3 - 26.1	20.0 - 34.8	25.1	80.8
61"	131.4x82.1	12.0 - 27.1	20.7 - 35.8	25.5	82.1
62"	133.5x83.5	12.7 - 28.0	21.4 - 36.7	25.9	83.5
63"	135.7x84.8	13.4 - 29.0	22.1 - 37.7	26.3	84.8
64"	137.9x86.2	14.1 - 29.9	22.8 - 38.6	26.7	86.2
65"	140.0x87.5	14.8 - 30.9	23.5 - 39.6	27.1	87.5
66"	142.2x88.8	15.5 - 31.1	24.2 - 39.8	27.5	88.8
67"	144.3x90.2	16.3 - 31.1	25.0 - 39.8	27.9	90.2
68"	146.5x91.5	17.0 - 31.1	25.7 - 39.8	28.3	91.5
69"	148.6x92.9	17.7 - 31.1	26.4 - 39.8	28.7	92.9
70"	150.8x94.2	18.4 - 31.1	27.1 - 39.8	29.1	94.2
71"	152.9x95.6	19.1 - 31.1	27.8 - 39.8	29.4	95.6
72"	155.1x96.9	19.8 - 31.1	28.5 - 39.8	29.8	96.9
73"	157.2x98.3	20.5 - 31.1	29.2 - 39.8	30.2	98.3
74"	159.4x99.6	21.2 - 31.1	29.9 - 39.8	30.6	99.6

Images smaller than 53 inches are not projected correctly.

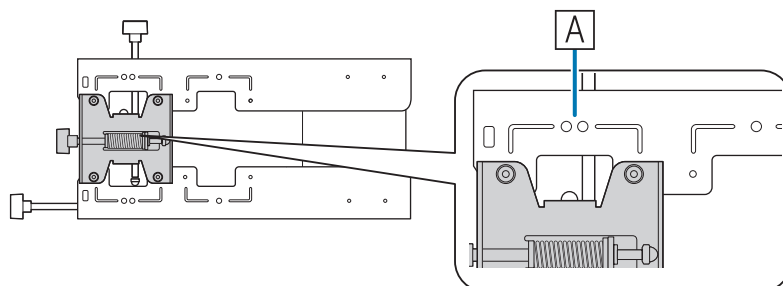


- The values are only rough estimates. The value may differ depending on the location where you place the projector.
- When projecting in Tele, the quality of the projected images may decrease.
- When using EB-585Wi/585W/575Wi/575W to project images at 4:3, the images are resized automatically and the quality of the projected images may decrease.

When Projected Image is Larger than 75 Inches

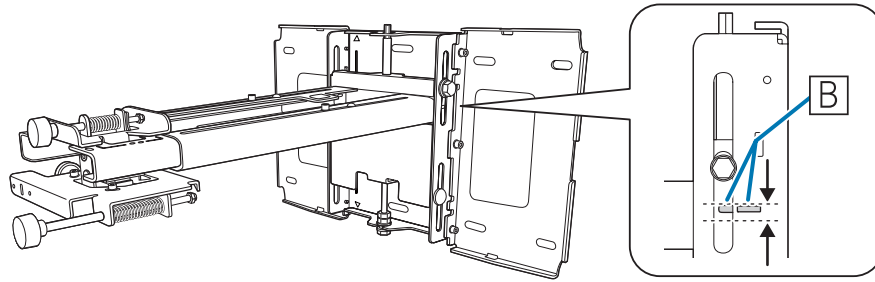
Mount the 3-axis adjustment unit at the position marked with a ○○ stamp (**A**).

The projection distance table provides the figures when mounting the 3-axis adjustment unit at the position marked with a ○○ stamp (**A**). The numbers on the arm slide scale (b) is the same as the projection distance (a).



The distance (c) from the projected image to the wall plate is the number given when the vertical slide is set to the standard position (**B**).

Match the notch on the setting plate to the position of the stamp on the wall plate.



■ EB-585Wi/585W/575Wi/575W (16:10 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projec- ted image
75"	161.5x101.0	15.5 - 31.1		21.4	101.0
76"	163.7x102.3	16.2 - 31.1		21.7	102.3
77"	165.9x103.7	16.8 - 31.1		21.9	103.7
78"	168.0x105.0	17.4 - 31.1		22.2	105.0
79"	170.2x106.3	18.0 - 31.1		22.5	106.3
80"	172.3x107.7	18.7 - 31.1		22.7	107.7
81"	174.5x109.0	19.3 - 31.1		23.0	109.0
82"	176.6x110.4	19.9 - 31.1		23.3	110.4
83"	178.8x111.7	20.5 - 31.1		23.5	111.7
84"	180.9x113.1	21.1 - 31.1		23.8	113.1
85"	183.1x114.4	21.8 - 31.1		24.1	114.4
86"	185.2x115.8	22.4 - 31.1		24.3	115.8
87"	187.4x117.1	23.0 - 31.1		24.6	117.1
88"	189.5x118.5	23.6 - 31.1		24.9	118.5
89"	191.7x119.8	24.2 - 31.1		25.2	119.8
90"	193.9x121.2	24.9 - 31.1		25.4	121.2
91"	196.0x122.5	25.5 - 31.1		25.7	122.5
92"	198.2x123.9	26.1 - 31.1		26.0	123.9
93"	200.3x125.2	26.7 - 31.1		26.2	125.2
94"	202.5x126.5	27.3 - 31.1		26.5	126.5
95"	204.6x127.9	28.0 - 31.1		26.8	127.9
96"	206.8x129.2	28.6 - 31.1		27.0	129.2
97"	208.9x130.6	29.2 - 31.1		27.3	130.6
98"	211.1x131.9	29.8 - 31.1		27.6	131.9
99"	213.2x133.3	30.4 - 31.1		27.8	133.3

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
100"	215.4x134.6	31.1*		28.1	134.6

* Figure for Wide (maximum zoom).

Images larger than 100 inches are not projected correctly.

■ EB-585Wi/585W/575Wi/575W (16:9 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
75"	166.0x93.4	16.8 - 31.1		27.2	93.4
76"	168.2x94.6	17.5 - 31.1		27.5	94.6
77"	170.5x95.9	18.1 - 31.1		27.8	95.9
78"	172.7x97.1	18.8 - 31.1		28.2	97.1
79"	174.9x98.4	19.4 - 31.1		28.5	98.4
80"	177.1x99.6	20.0 - 31.1		28.9	99.6
81"	179.3x100.9	20.7 - 31.1		29.2	100.9
82"	181.5x102.1	21.3 - 31.1		29.6	102.1
83"	183.7x103.4	21.9 - 31.1		29.9	103.4
84"	186.0x104.6	22.6 - 31.1		30.3	104.6
85"	188.2x105.8	23.2 - 31.1		30.6	105.8
86"	190.4x107.1	23.9 - 31.1		30.9	107.1
87"	192.6x108.3	24.5 - 31.1		31.3	108.3
88"	194.8x109.6	25.1 - 31.1		31.6	109.6
89"	197.0x110.8	25.8 - 31.1		32.0	110.8
90"	199.2x112.1	26.4 - 31.1		32.3	112.1
91"	201.5x113.3	27.0 - 31.1		32.7	113.3
92"	203.7x114.6	27.7 - 31.1		33.0	114.6
93"	205.9x115.8	28.3 - 31.1		33.3	115.8
94"	208.1x117.1	29.0 - 31.1		33.7	117.1
95"	210.3x118.3	29.6 - 31.1		34.0	118.3
96"	212.5x119.5	30.2 - 31.1		34.4	119.5
97"	214.7x120.8	30.9 - 31.1		34.7	120.8

Images larger than 97 inches are not projected correctly.

■ EB-585Wi/585W/575Wi/575W (4:3 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Dis- tance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projec- ted image
75"	152.4x114.3	21.7 - 31.1		24.1	114.3
76"	154.4x115.8	22.4 - 31.1		24.4	115.8
77"	156.5x117.3	23.1 - 31.1		24.7	117.3
78"	158.5x118.9	23.8 - 31.1		25.0	118.9
79"	160.5x120.4	24.5 - 31.1		25.3	120.4
80"	162.6x121.9	25.2 - 31.1		25.6	121.9
81"	164.6x123.4	25.9 - 31.1		25.9	123.4
82"	166.6x125.0	26.6 - 31.1		26.2	125.0
83"	168.7x126.5	27.3 - 31.1		26.5	126.5
84"	170.7x128.0	28.0 - 31.1		26.8	128.0
85"	172.7x129.5	28.7 - 31.1		27.1	129.5
86"	174.8x131.1	29.4 - 31.1		27.4	131.1
87"	176.8x132.6	30.1 - 31.1		27.7	132.6
88"	178.8x134.1	30.8 - 31.1		28.0	134.1

Images larger than 88 inches are not projected correctly.

■ EB-580/570 (4:3 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
75"	152.4x114.3	18.9 - 31.1		19.8	114.3
76"	154.4x115.8	19.6 - 31.1		20.1	115.8
77"	156.5x117.3	20.2 - 31.1		20.3	117.3
78"	158.5x118.9	20.9 - 31.1		20.6	118.9
79"	160.5x120.4	21.6 - 31.1		20.8	120.4
80"	162.6x121.9	22.2 - 31.1		21.1	121.9
81"	164.6x123.4	22.9 - 31.1		21.3	123.4
82"	166.6x125.0	23.6 - 31.1		21.5	125.0
83"	168.7x126.5	24.2 - 31.1		21.8	126.5
84"	170.7x128.0	24.9 - 31.1		22.0	128.0
85"	172.7x129.5	25.6 - 31.1		22.3	129.5
86"	174.8x131.1	26.2 - 31.1		22.5	131.1
87"	176.8x132.6	26.9 - 31.1		22.8	132.6
88"	178.8x134.1	27.5 - 31.1		23.0	134.1
89"	180.8x135.6	28.2 - 31.1		23.3	135.6
90"	182.9x137.2	28.9 - 31.1		23.5	137.2
91"	184.9x138.7	29.5 - 31.1		23.8	138.7
92"	186.9x140.2	30.2 - 31.1		24.0	140.2
93"	189.0x141.7	30.9 - 31.1		24.2	141.7

Images larger than 93 inches are not projected correctly.

■ EB-580/570 (16:9 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Distance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projected image
75"	166.0x93.4	23.4 - 31.1		37.0	93.4
76"	168.2x94.6	24.1 - 31.1		37.5	94.6
77"	170.5x95.9	24.8 - 31.1		38.0	95.9
78"	172.7x97.1	25.5 - 31.1		38.5	97.1

S		a	b	c	h
Projected image size		Projection Dis- tance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projec- ted image
79"	174.9x98.4	26.3 - 31.1		38.9	98.4
80"	177.1x99.6	27.0 - 31.1		39.4	99.6
81"	179.3x100.9	27.7 - 31.1		39.9	100.9
82"	181.5x102.1	28.4 - 31.1		40.4	102.1
83"	183.7x103.4	29.2 - 31.1		40.8	103.4
84"	186.0x104.6	29.9 - 31.1		41.3	104.6
85"	188.2x105.8	30.6 - 31.1		41.8	105.8

Images larger than 85 inches are not projected correctly.

■ EB-580/570 (16:10 projected image)

[Unit: cm]

S		a	b	c	h
Projected image size		Projection Dis- tance Minimum (Wide) to Maximum (Tele)	Numbers on the arm slide scale	Distance from projected image to wall plate	Height of projec- ted image
75"	161.5x101.0	21.9 - 31.1		31.0	101.0
76"	163.7x102.3	22.6 - 31.1		31.4	102.3
77"	165.9x103.7	23.3 - 31.1		31.8	103.7
78"	168.0x105.0	24.0 - 31.1		32.2	105.0
79"	170.2x106.3	24.7 - 31.1		32.6	106.3
80"	172.3x107.7	25.4 - 31.1		33.0	107.7
81"	174.5x109.0	26.1 - 31.1		33.4	109.0
82"	176.6x110.4	26.8 - 31.1		33.8	110.4
83"	178.8x111.7	27.5 - 31.1		34.2	111.7
84"	180.9x113.1	28.2 - 31.1		34.6	113.1
85"	183.1x114.4	28.9 - 31.1		35.0	114.4
86"	185.2x115.8	29.7 - 31.1		35.4	115.8
87"	187.4x117.1	30.4 - 31.1		35.8	117.1
88"	189.5x118.5	31.1*		36.2	118.5

* Figure for Wide (maximum zoom).

Images larger than 88 inches are not projected correctly.



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- When using EB-585Wi/585W/575Wi/575W to project images at 4:3, the images are resized automatically and the quality of the projected images may decrease.

Installing the Setting Plate

Connecting Devices

Necessary cables

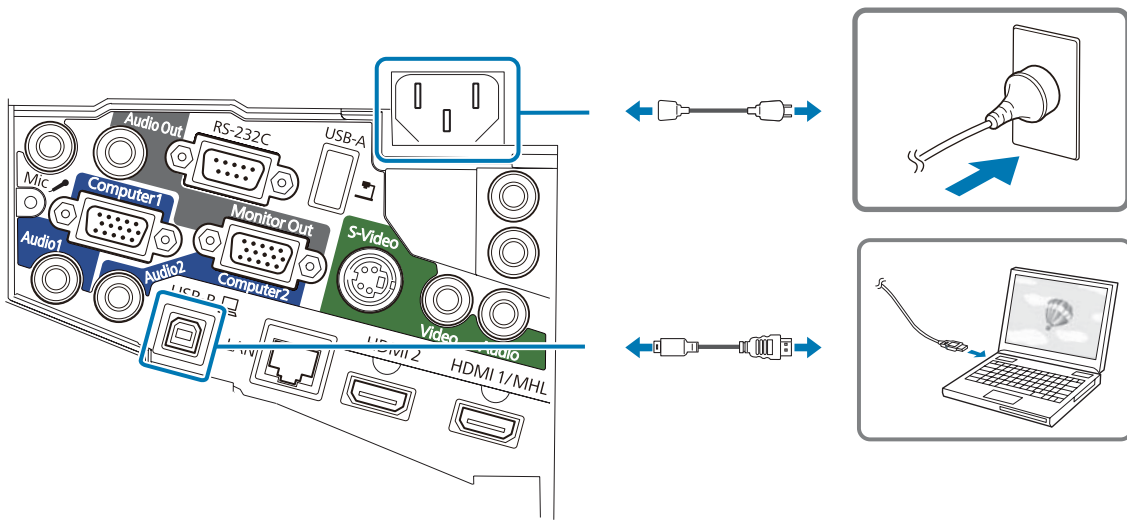
Prepare the necessary cables according to the devices being used.

- Power cord supplied (necessary)
- USB cable supplied (EB-585Wi/575Wi only)
- Optional computer cables and other cables (prepare according to the connected devices)

For details, see the projector's *User's Guide* (on the Document CD-ROM).

Necessary cables when using the Easy Interactive Function (EB-585Wi/575Wi only)

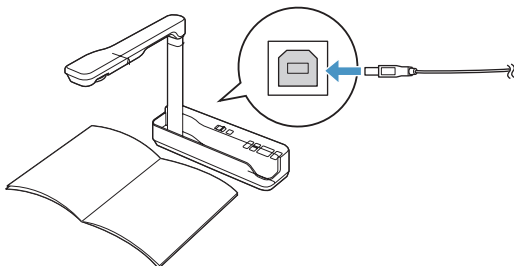
When performing mouse operations using the Easy Interactive Function, you need a power cord and USB cable. Even when projecting using a computer cable, a USB cable is necessary to perform mouse operations.



Prepare cables for the connected devices (example)

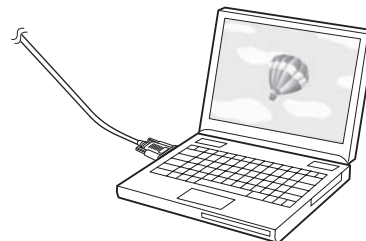
Document camera

Dedicated USB cable (supplied with document camera)

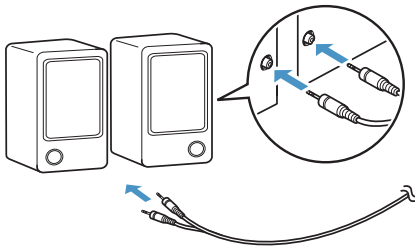


Computer

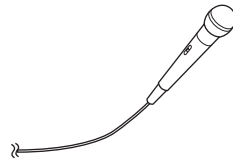
Computer cable (optional accessory)



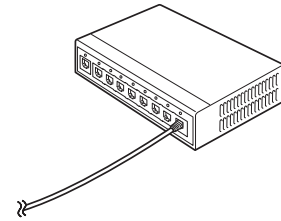
External speakers
Audio cable (commercially available)



Microphone (commercially available)



LAN device
LAN cable (commercially available)



Installation Procedure

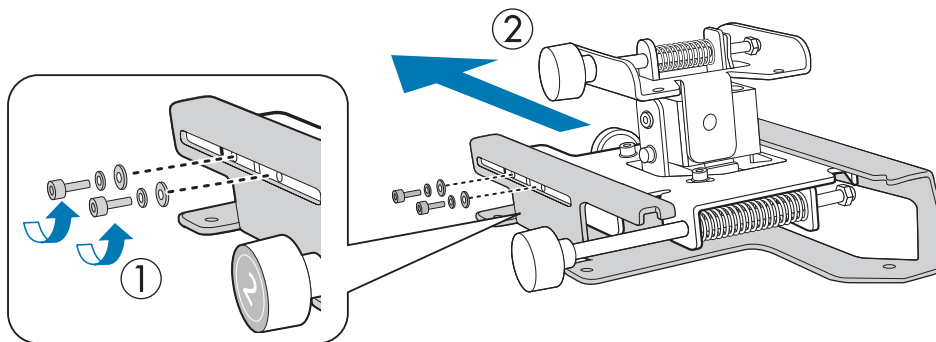
Make sure to follow the steps below to install the setting plate. If these steps are not followed, the product could fall and cause personal injury or property damage.

Warning

Do not use adhesives, lubricants, or oils to install or adjust the setting plate. If you use adhesives to prevent the screws from loosening or things such as lubricants or oils on the slide plate fixing part of the projector, the case may crack and cause the projector to fall, resulting in personal injury or property damage.

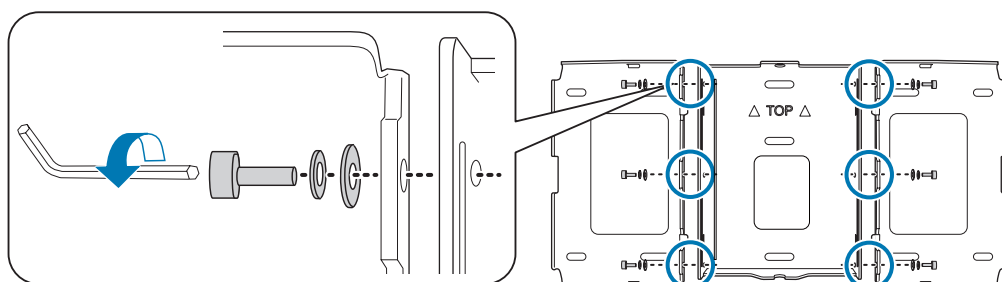
Disassemble the parts

Remove the M4 bolts (x2), and then remove the slide plate from the 3-axis adjustment unit.



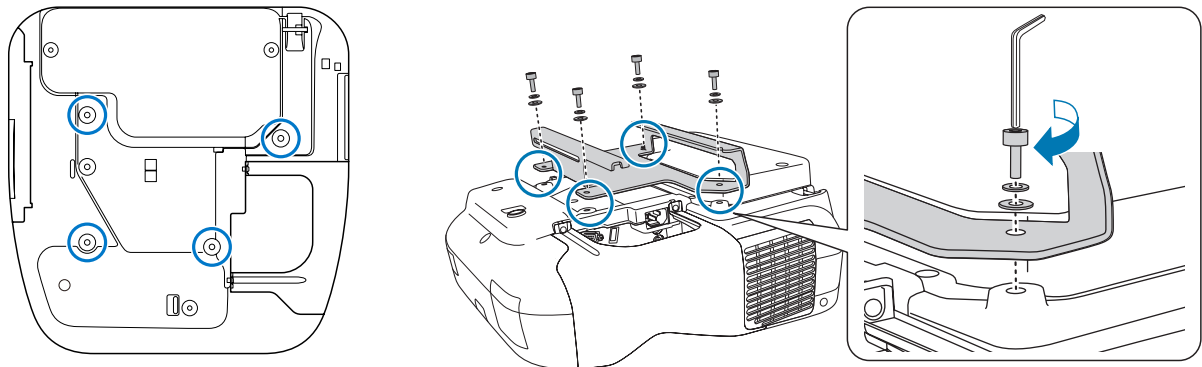
Assemble the parts

1 Assemble the three wall plates into one unit, and secure them with the M4 bolts (x6) supplied



2

Secure the slide plate to the base of the projector with the M4 bolts (x4) supplied



Bolt installation positions

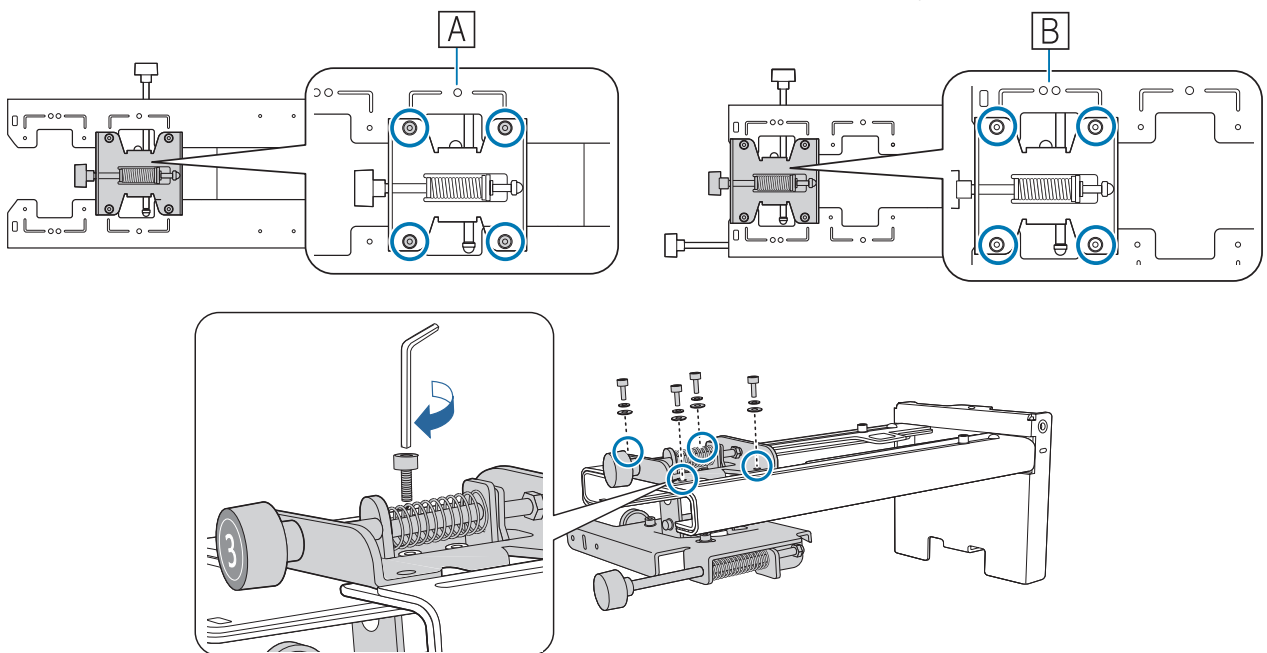
3

Attach the 3-axis adjustment unit to the setting plate with the M4 bolts (x4) supplied

- When a projected image is smaller than 75 inches: Mount the unit at the ○ stamp (**A**).
- When a projected image is larger than 75 inches: Mount the unit at the ○○ stamp (**B**).

○ : Smaller than 75 inches

○○ : Larger than 75 inches



■ Install the wall plate on the wall

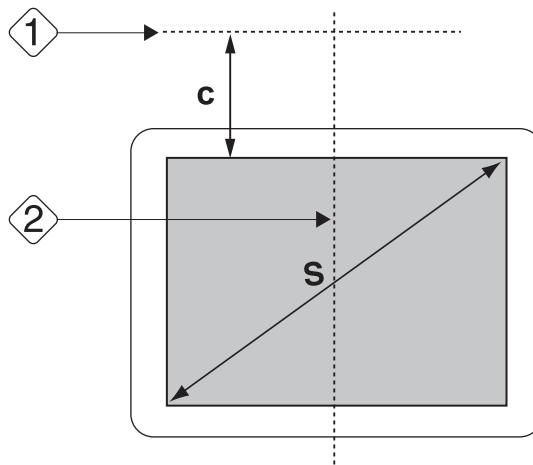
1 Determine the projection position based on the projected image size

See the projection distance table to calculate the projected image size (S) and the distance (c) from the projected image to the wall plate.

☛ "Projection Distance Table" [p.11](#)

We recommend marking the following positions. These will be the basis for determining the mounting position of the wall plate.

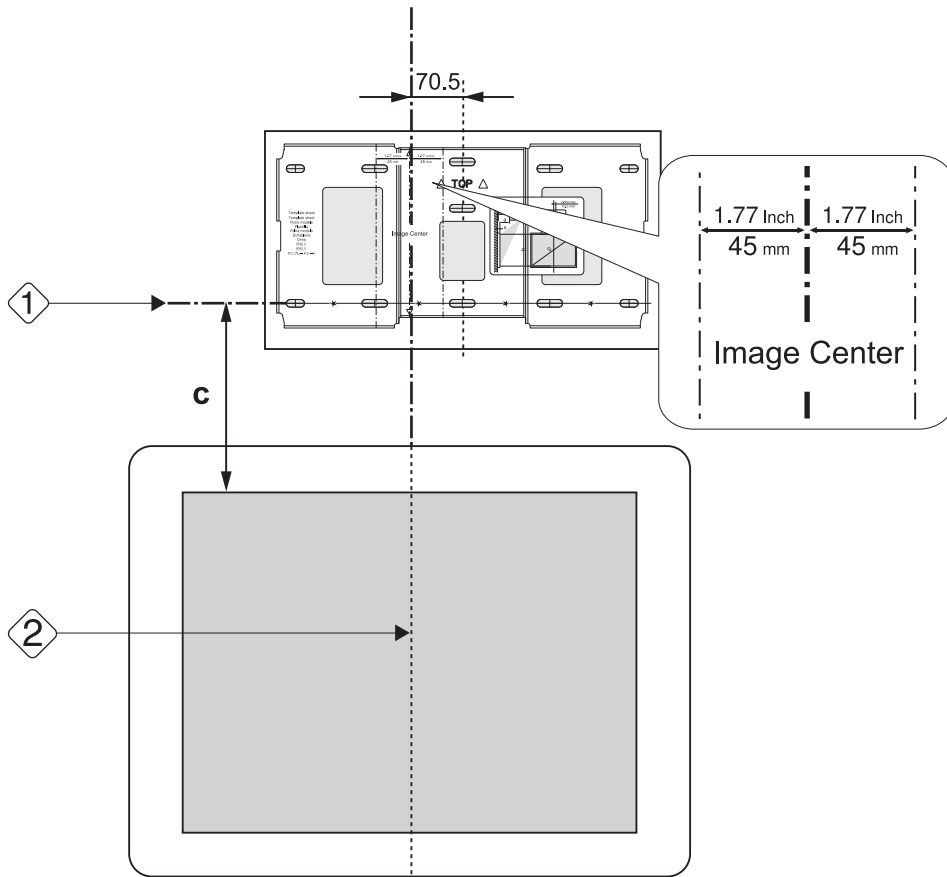
- Height (①) of the distance (c) between the top edge of the projected image and the wall plate
- Center line (②) of the projected image



2 Attach the template sheet to the wall

- Match the center line (②) checked in step 1 to the Image Center line on the template sheet. Confirm where the beams are within the wall, and shift the position left or right as necessary. (The position can be shifted horizontally left or right from the center line of the projection surface up to a maximum of 45 mm.)
- Match the height (①) checked in step 1 to the ★ line on the template sheet.

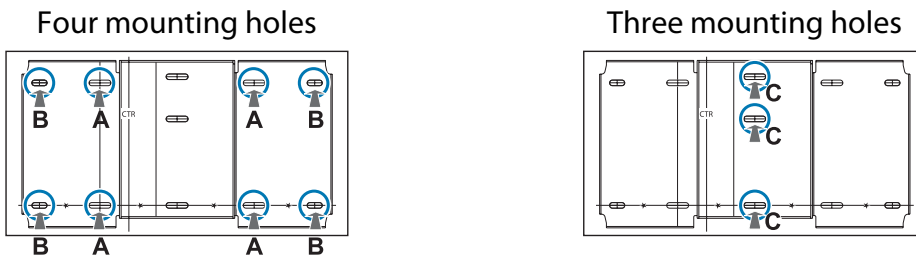
[Unit: mm]



3 Determine the positions for the mounting holes for the wall plate

Secure the wall plate in at least three points.

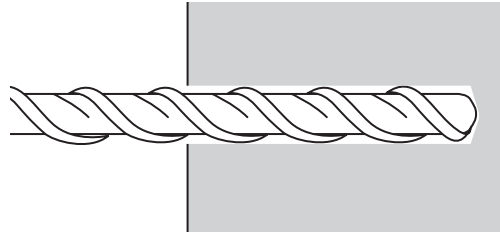
- If securing the wall plate in four places, make the holes indicated by A or B in the figure.
- If securing the wall plate in three places, make the holes indicated by C in the figure.



4

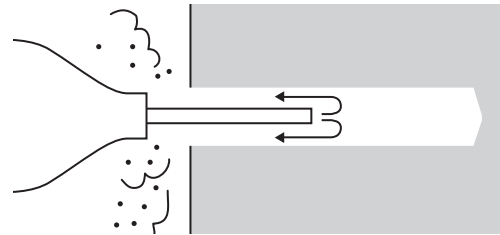
Drill the holes in the wall

- Drill diameter: 10.5 mm
- Pilot hole depth: 45 mm
- Anchor hole depth: 40 mm



5

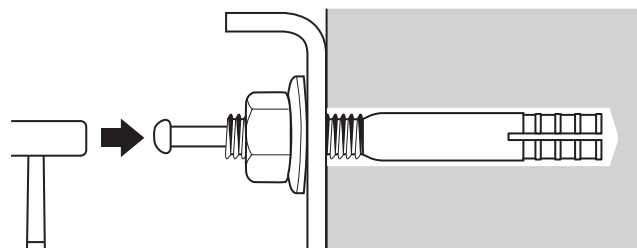
Remove the template sheet, and clean the concrete dust from the holes with a dust pump



6

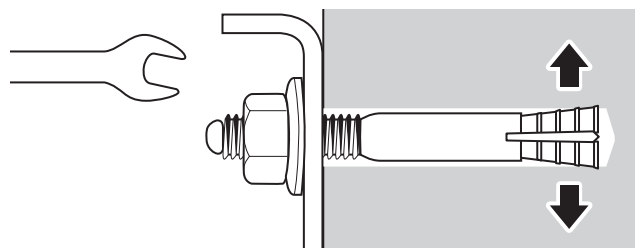
Position the wall plate on the wall and insert M10 x 60 mm commercially available anchors into the holes

Attach the nut and tap it with a hammer until the core touches the top of the anchor.



7

Tighten the nut with a commercially available spanner to secure the wall plate to the wall



Determine the projection distance, and then pass the cables through the setting plate

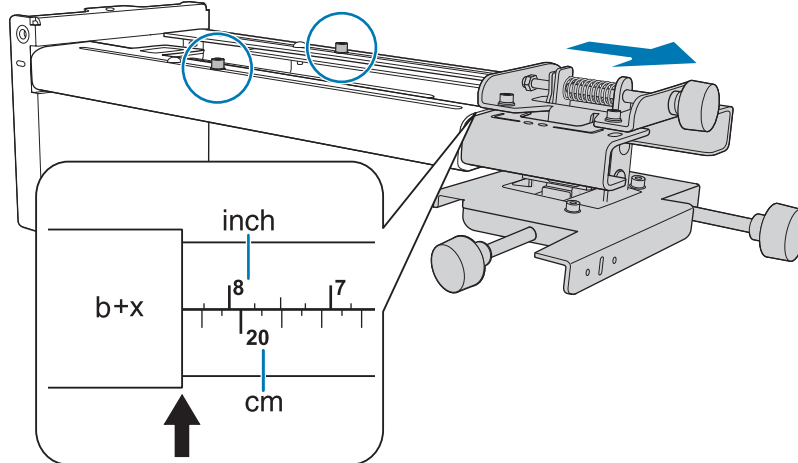
1

Check the following values in the projection distance table

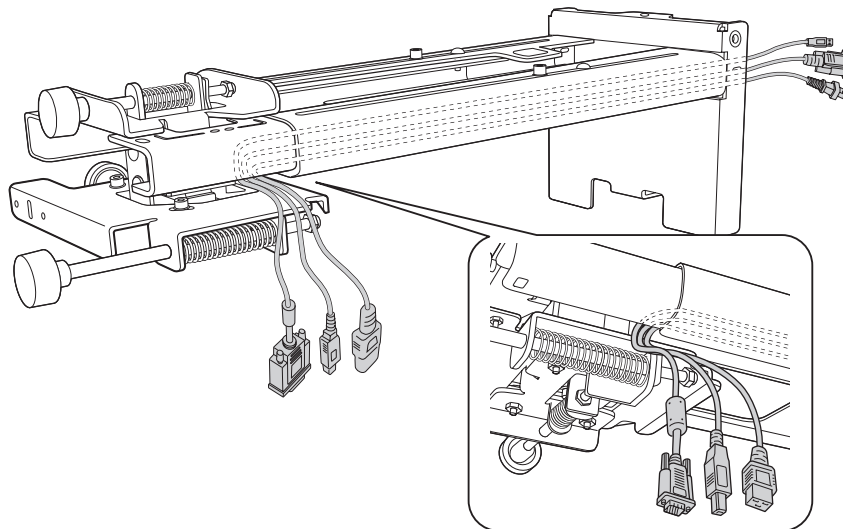
- Numbers on the arm slide scale (b)
- Distance from surface of screen to wall (x)

☛ "Projection Distance Table" [p.11](#)

- 2** Loosen the M4 bolts (x2) and extend the arm slide on the setting plate
Align the slider with the combined distances of (b) and (x) that you checked in step 1.



- 3** Route the necessary cables through the setting plate
See the following figure to route the cables so that the ends of the cables that connect to the projector are on the projector's interface side.

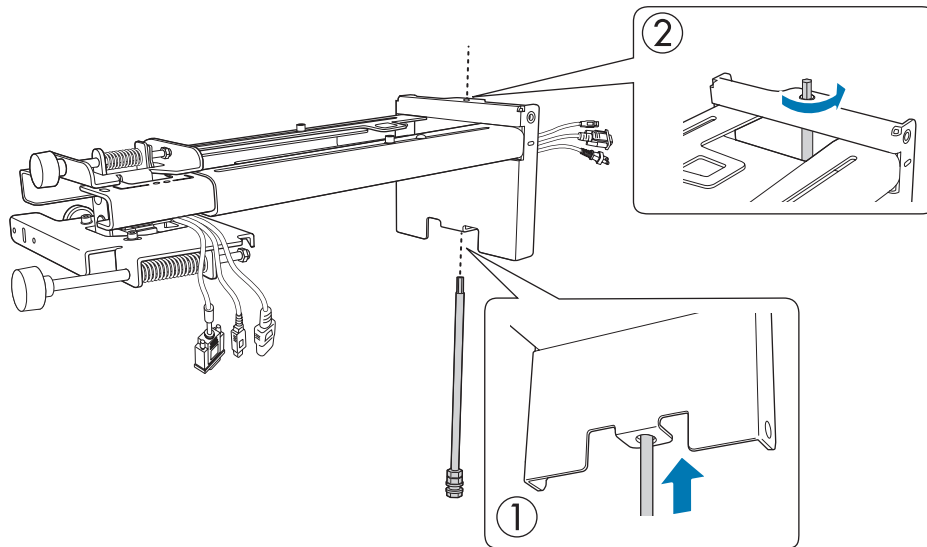


Warning

Do not hang the rest of the cable over the setting plate. They could fall and cause an accident.


■ Attaching the setting plate to the wall plate

1 Insert the hexagonal axis into the setting plate

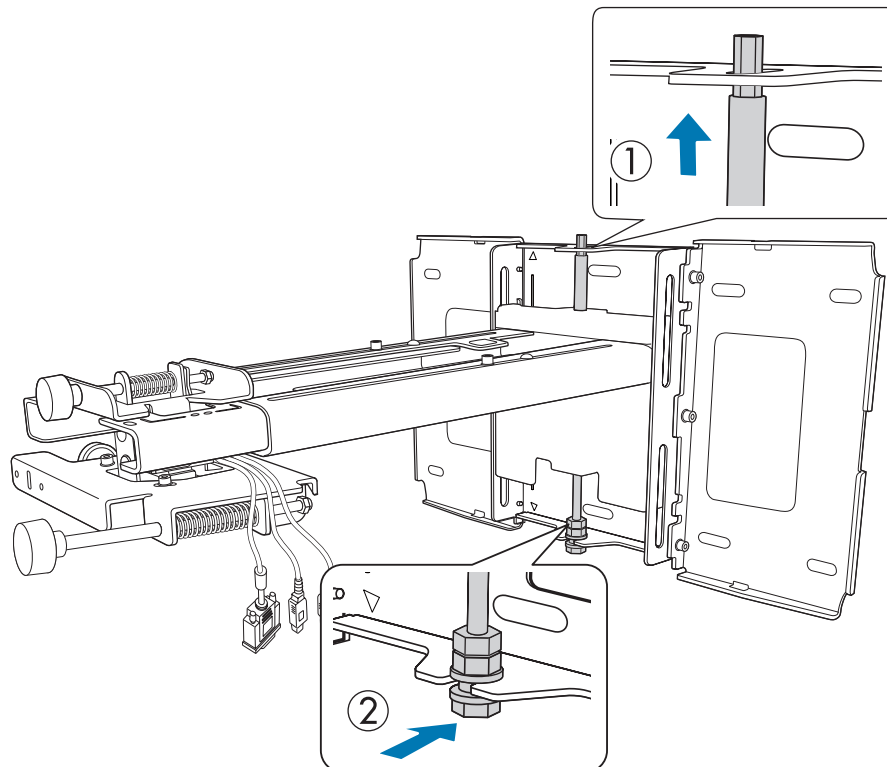


2 Mount the setting plate to the wall plate

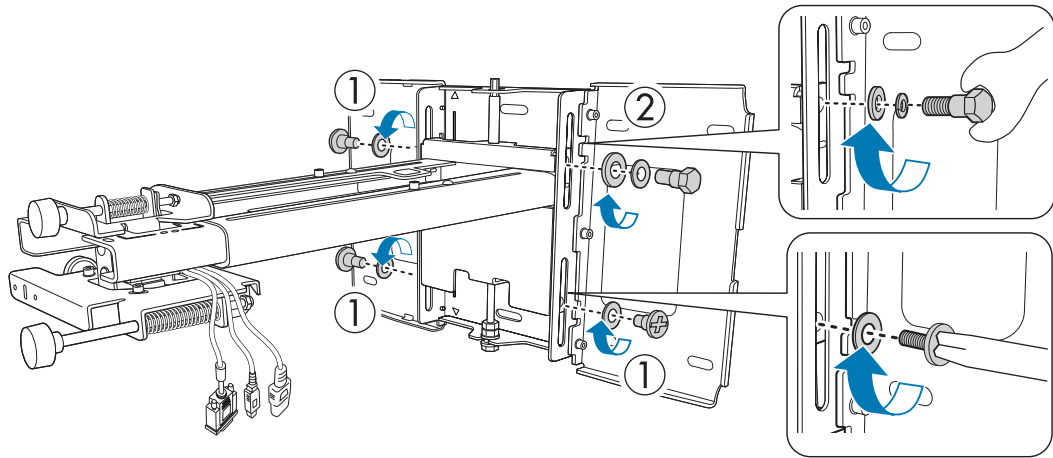
Insert the top of the hexagonal axis into the wall plate, and then insert the M8 bolt into the slot at the bottom.

 **Caution**

Take care not to trap the cables between the setting plate and wall plate.

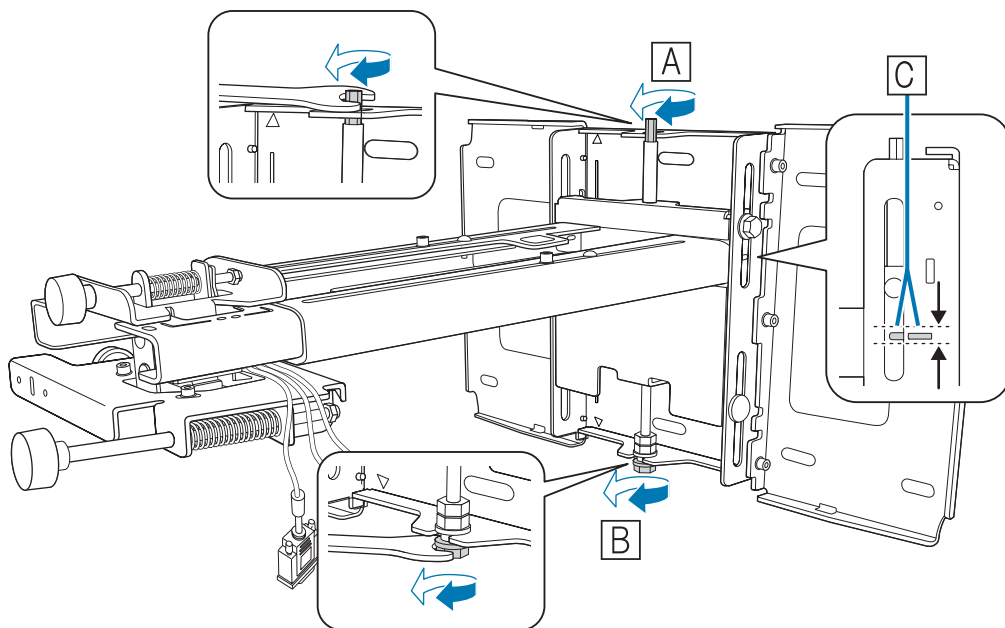


- 3** Secure the setting plate and the wall plate
- Secure the supplied M6 screws (x3) with a commercially available No.3 cross-head screwdriver, and then lightly tighten the supplied M6 bolt (x1) with the spanner.

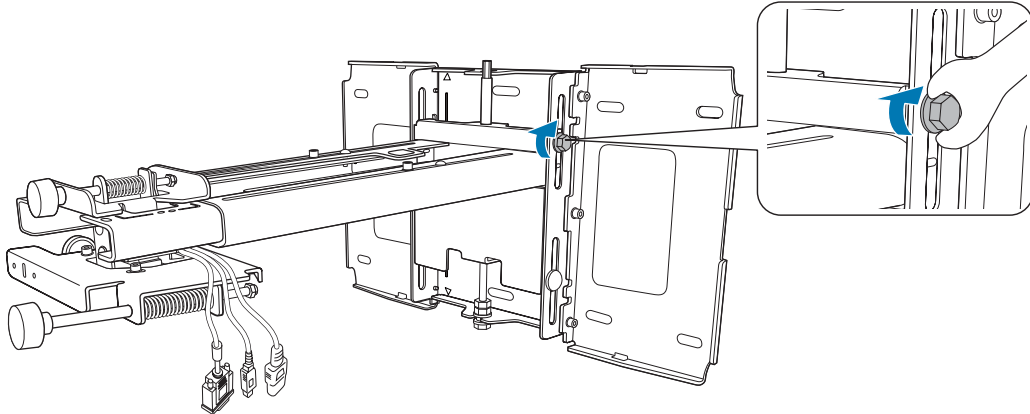


- 4** Adjust the vertical slide with the open-ended spanner, and align it with the standard position (**C**)

- Tightening the hexagonal axis at the top (**A**) raises the setting plate, and loosening the axis lowers it.
- Tightening the M8 bolt at the bottom (**B**) lowers the setting plate, and loosening the bolt raises it.

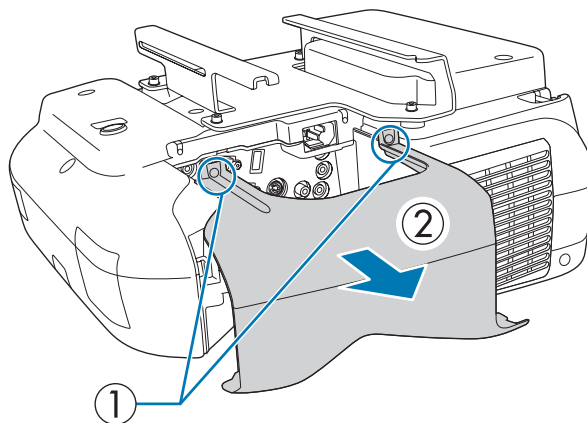


5 Tighten the M6 bolt (x1) to fix the setting plate in position

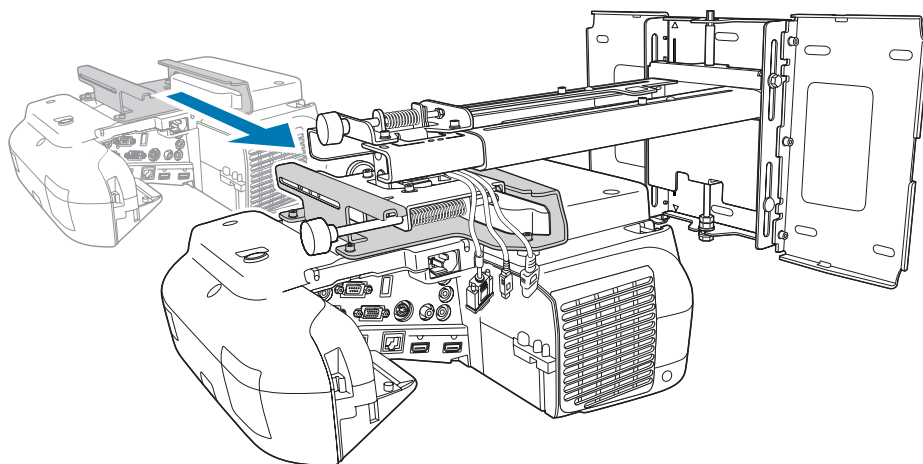


Securing the projector to the setting plate

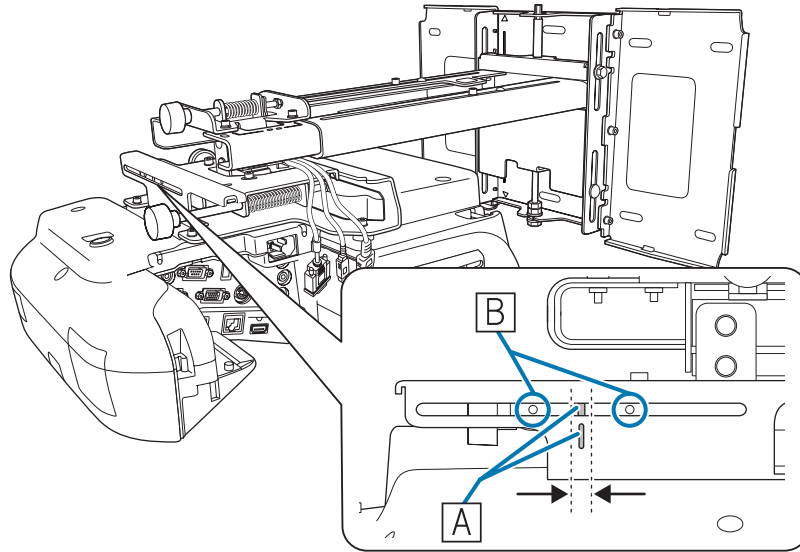
1 Loosen the screws (x2) and remove the cable cover from the projector



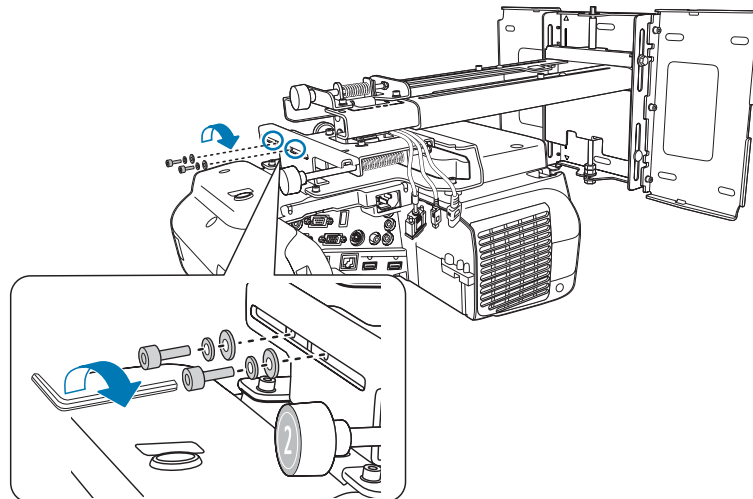
2 Insert the slide plate into the setting plate from the interface side of the projector



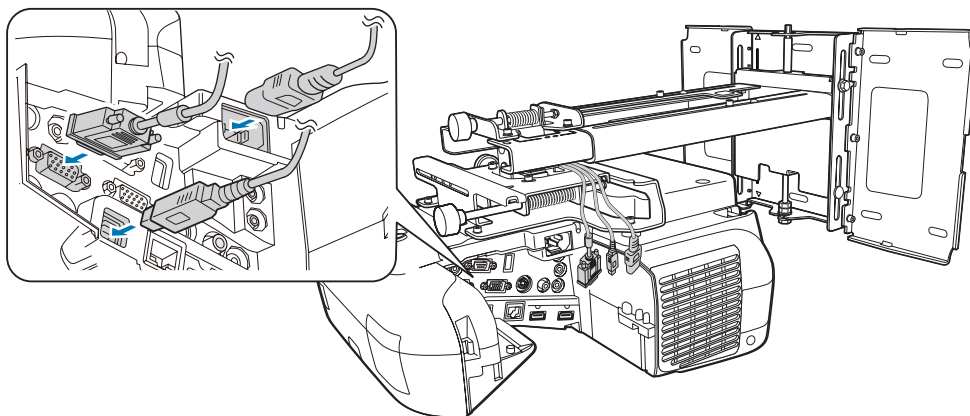
- 3 Align the 3-axis adjustment unit with the slide plate's standard position (**A**)
(**B**) indicates the screw holes for the bolts.



- 4 Tighten the supplied M4 bolts (x2)



- 5 Connect the cables to the projector





- Connect the power cord last.
- When connecting to the Audio1, Audio2, and Computer1 ports, we recommend connecting cables to the ports in the following order: Audio1, Audio2, and then Computer1.

Adjusting the Projected Image

Follow the procedures below to adjust the projected image.

- 1 Adjusting the Projection Position (☞ p.37)
- 2 Fine-tuning the Focus (☞ p.42)
- 3 Calibrating the Pen (EB-585Wi/575Wi only) (☞ p.44)

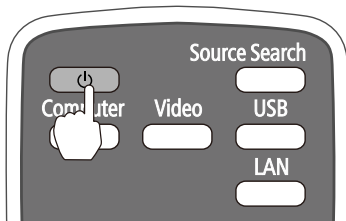
Adjusting the Projection Position

- Do not make adjustments using the projector's Keystone function. Doing so may result in a reduction in image quality.
- When setting up multiple projectors using the batch setup function, perform this procedure before adjusting the projected image.

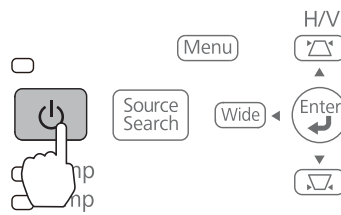
☞ "Batch Setup Function" p.50

1 Press the [⏻] button on the remote control or the control panel to turn on the projector

Using the Remote Control



Using the Control Panel



Caution

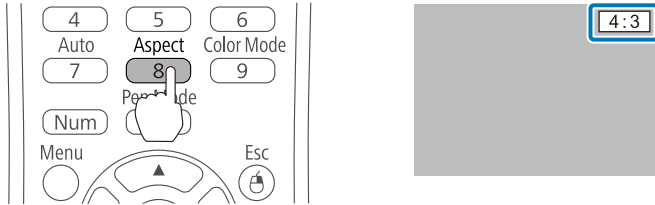
While projecting, do not put your face or hands near the air exhaust vent, and do not place objects that may become warped or damaged by heat near the vent. Hot air from the air exhaust vent could cause burns, warping, or accidents to occur.

2

Change the aspect ratio of the projected image (only when necessary)

Project images from a connected device, and then press the [Aspect] button on the remote control. Each time you press the button, the aspect name is displayed on the screen and the aspect ratio changes.

Using the Remote Control



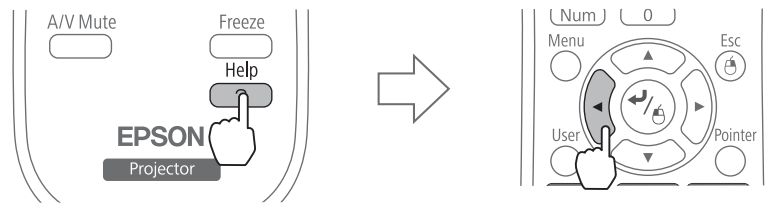
- For details on connecting to devices and projecting images, see the *Quick Start Guide*.
 - The aspect ratio does not change when no images are being projected from the connected device.
 - You can also change the aspect ratio from **Signal - Aspect** from the Configuration menu.
- 👉 *Projector's User's Guide* - Configuration menu

3

Press the following buttons to display the guidance screen

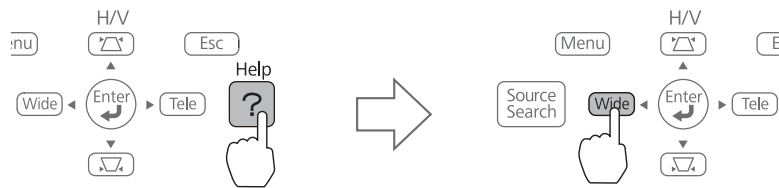
- Using the Remote Control

Press the [Help], and then press [Wide].

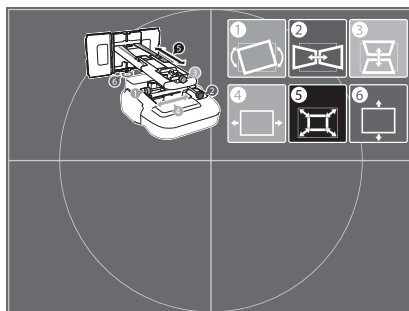


- Using the Control Panel

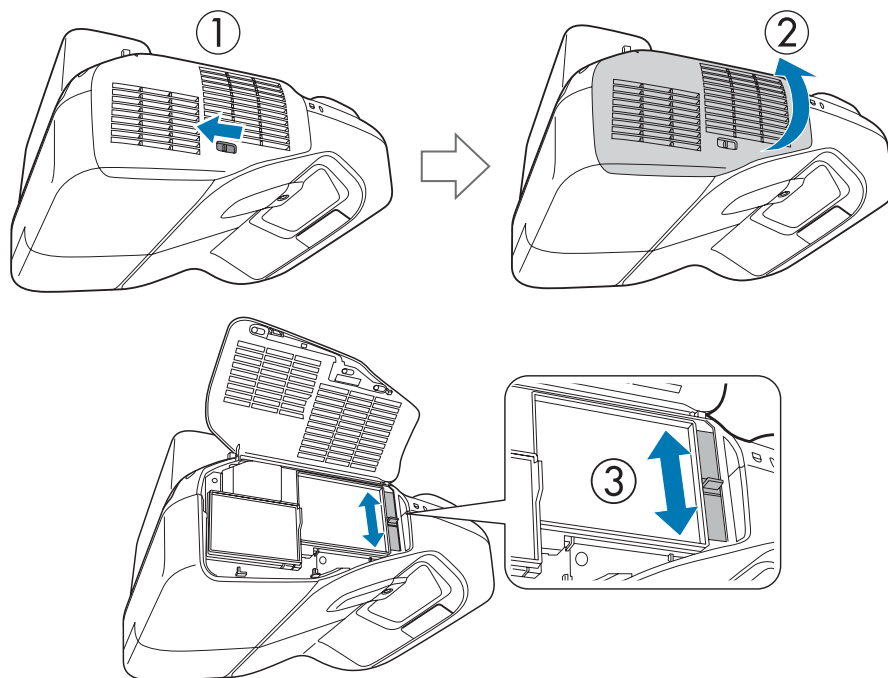
Press the [Help], and then press the [Wide] button.



The guidance screen is displayed.



4 Open the air filter cover, and then adjust the focus using the focus lever

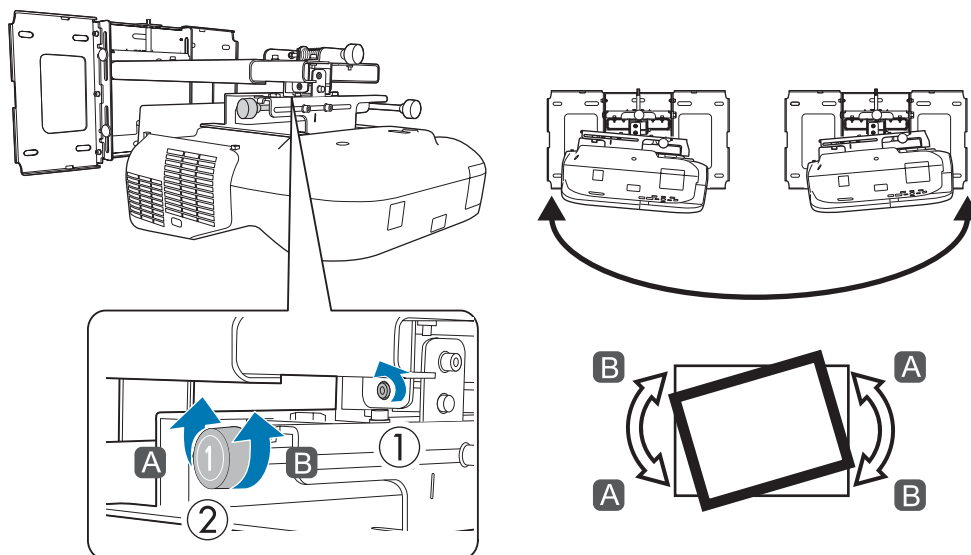


After you finish making adjustments, close the air filter cover.

5 Loosen the M4 screw (x1) with the hexagon wrench, and then adjust the horizontal roll with the adjustment dial

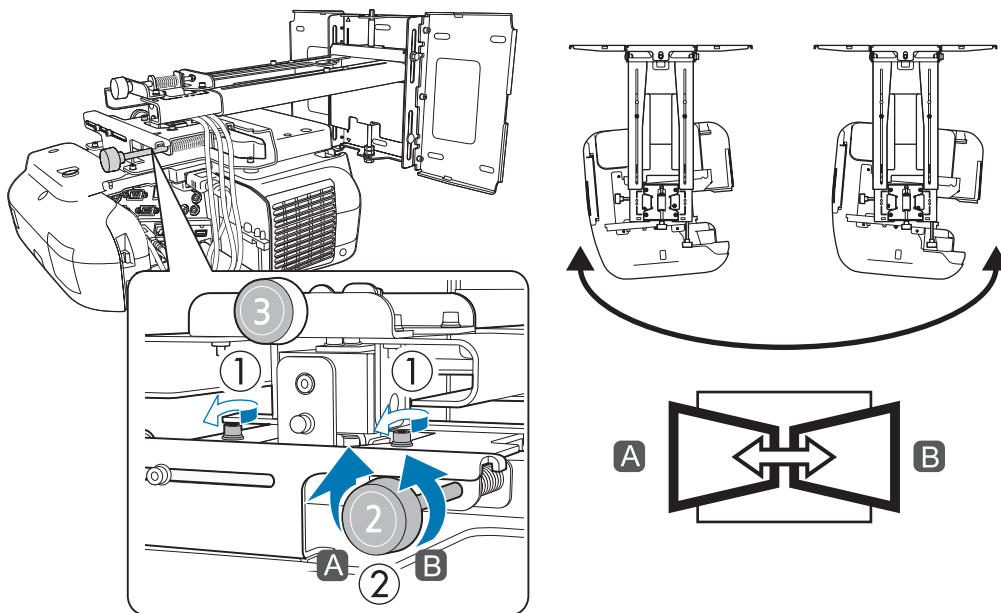


Repeat steps 5 to 10 as necessary.



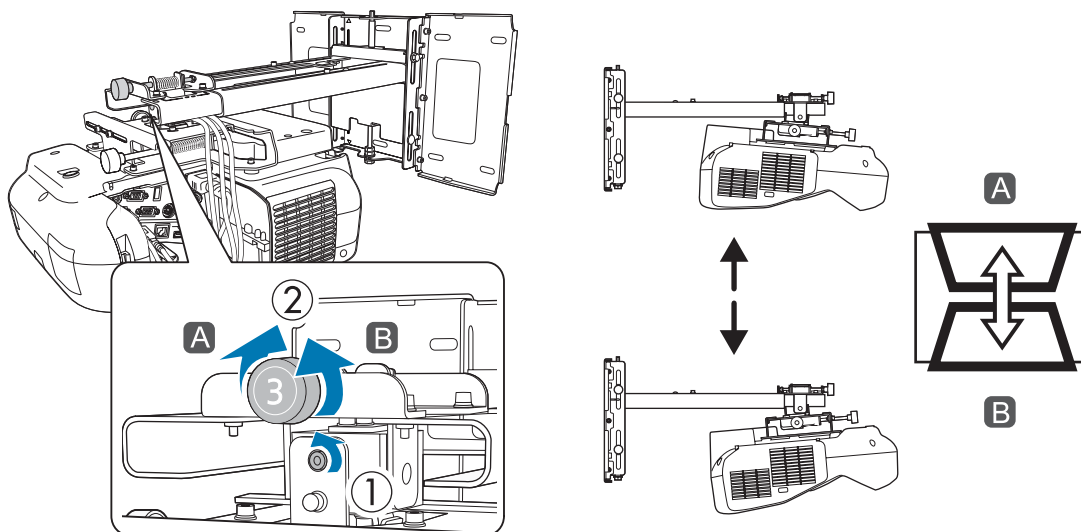
After you finish making adjustments, tighten the M4 screw that you loosened.

6 Loosen the M4 screws (x2) with the hexagon wrench, and then adjust the horizontal rotation with the adjustment dial



After you finish making adjustments, tighten the M4 screws that you loosened.

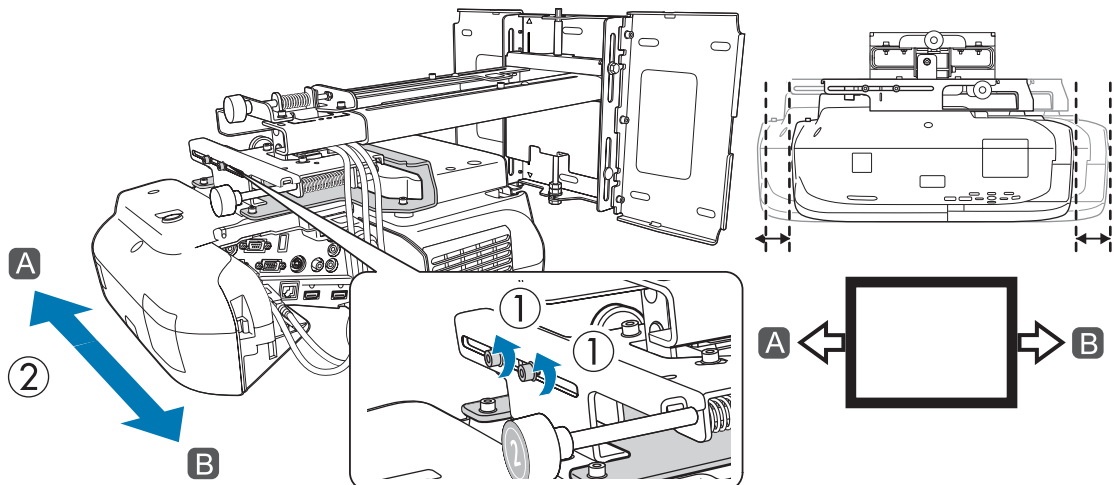
7 Loosen the M4 screw (x1) with the hexagon wrench, and then adjust the vertical tilt with the adjustment dial



After you finish making adjustments, tighten the M4 screw that you loosened.

8

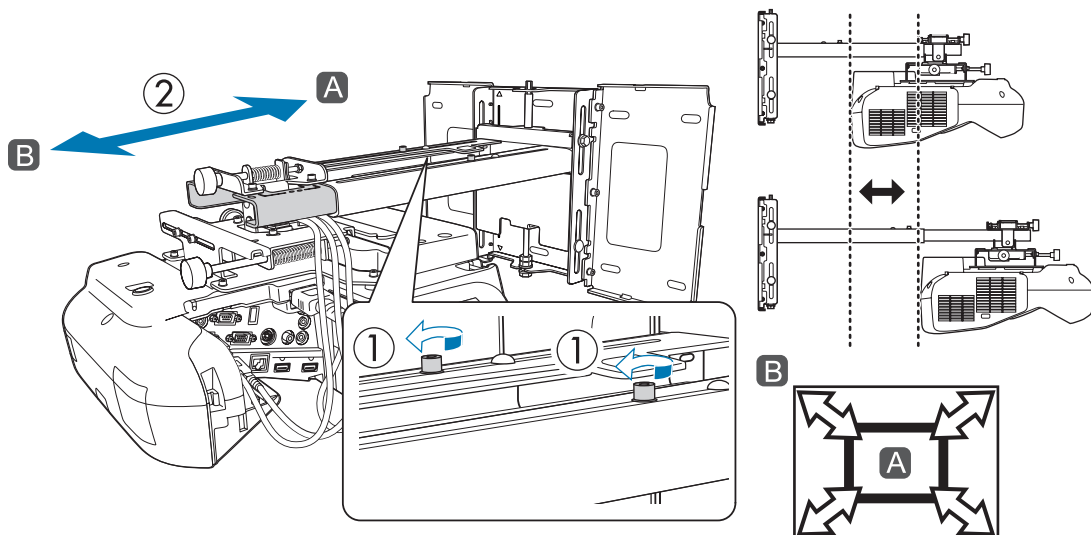
Loosen the M4 bolts (x2) with the hexagon wrench, and then adjust the horizontal slide



After you finish making adjustments, tighten the M4 bolts that you loosened.

9

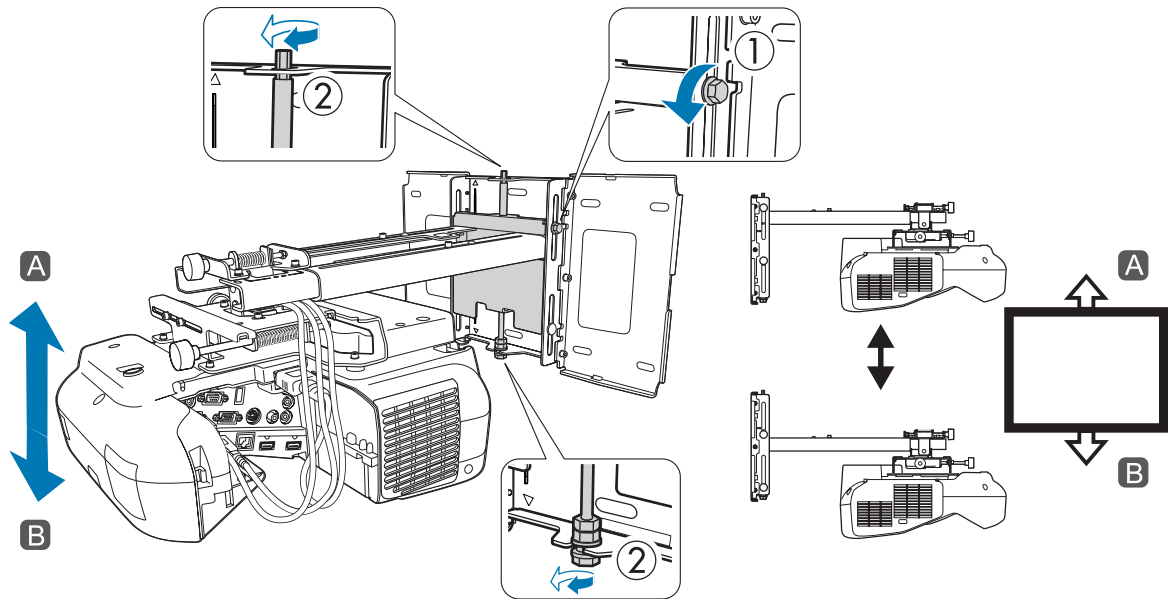
Loosen the M4 bolts (x2) with the hexagon wrench, and then adjust the forward/backward slide



After you finish making adjustments, tighten the M4 bolts that you loosened.

10 Loosen the M6 bolt (x1) with the open-ended spanner, and then adjust the vertical slide
Adjust the vertical slide with the hexagonal axis at the top or the bottom.

- Tightening the hexagonal axis at the top raises the setting plate, and loosening the axis lowers it.
- Tightening the M8 bolt at the bottom lowers the setting plate, and loosening the bolt raises it.



After you finish making adjustments, tighten the M6 bolt that you loosened.

11 Make sure that all of the bolts that you loosened in steps 5 to 10 are securely tightened

Warning

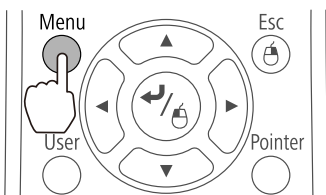
Tighten all bolts and screws firmly. Otherwise, the product may fall and cause personal injury or property damage.

12 Press the [Esc] button on the remote control or the control panel to remove the guidance screen

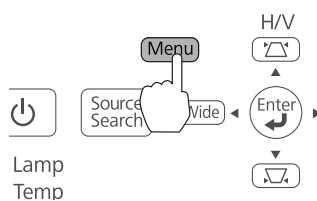
Fine-tuning the Focus

1 Turn on the projector, and then press the [Menu] button

Using the Remote Control

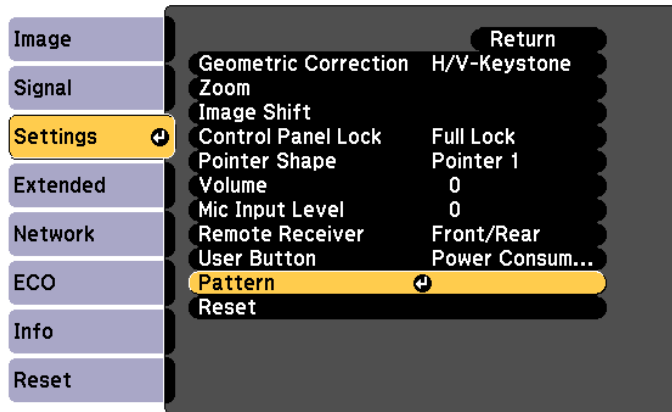


Using the Control Panel



2

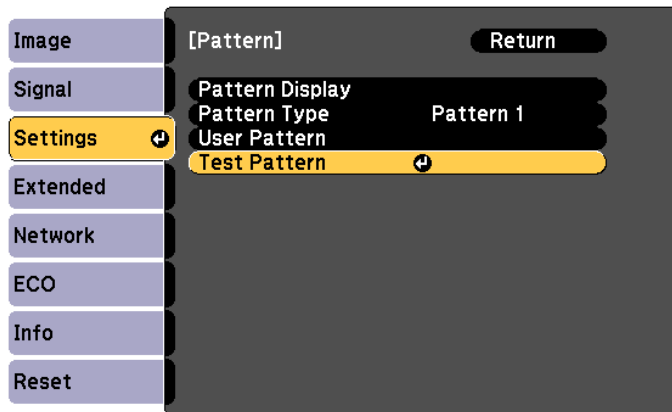
Select **Pattern** from **Settings**



3

Select **Test Pattern**

When displaying a test pattern on a 4:3 screen using EB-585Wi/585W/575Wi/575W, select **Pattern 5** from **Pattern Type**.

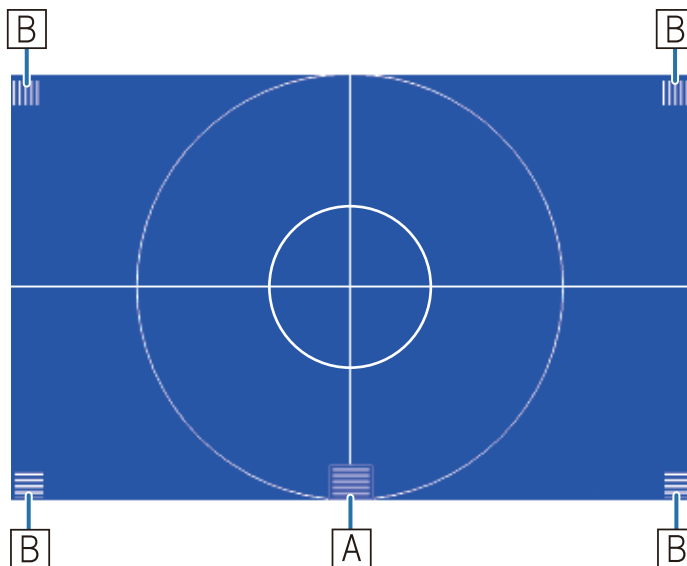


4 Adjust the focus to match the focus in the following figure (**A**)

Open the air filter cover, and then adjust the focus.

☛ "Adjusting the Projection Position" [p.37](#)

When (**A**) is in focus, check the (**B**) areas. If any of the (**B**) areas are out of focus, adjust the focus until the (**B**) areas are uniform.



After you finish making adjustments, close the air filter cover.

5 Press the [Esc] button on the remote control or the control panel to remove the Test Pattern

This completes adjusting the projected image. When using EB-585W/580/575W/570, attach the covers.

☛ "Attaching the Covers" [p.48](#)

Calibrating the Pen (EB-585Wi/575Wi only)

For models that support the Easy Interactive Function (EB-585Wi/575Wi), you need to calibrate the interactive pen.

Check that adjusting the projected image is complete before you start calibrating the interactive pen.

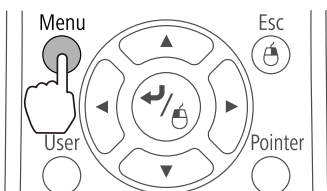
☛ "Adjusting the Projected Image" [p.37](#)

There are two methods available for calibrating the pen; **Auto Calibration** and **Manual Calibration**. When calibrating the pen for the first time after installing the projector, perform **Manual Calibration** for optimum calibration.

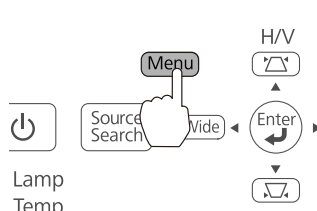
For the **Auto Calibration** method, see the projector's *User's Guide* (on the Document CD-ROM).

1 Turn on the projector, and then press the [Menu] button

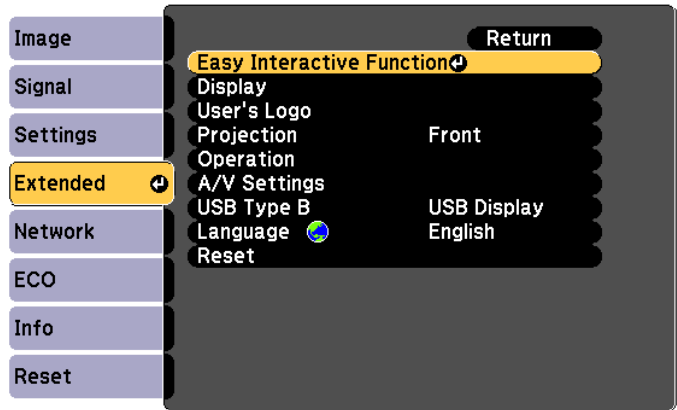
Using the Remote Control



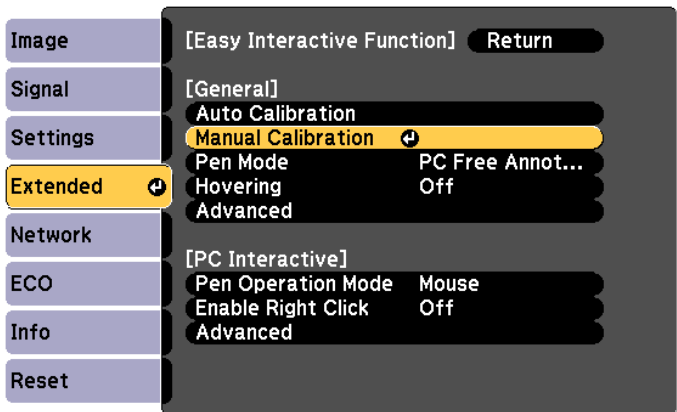
Using the Control Panel



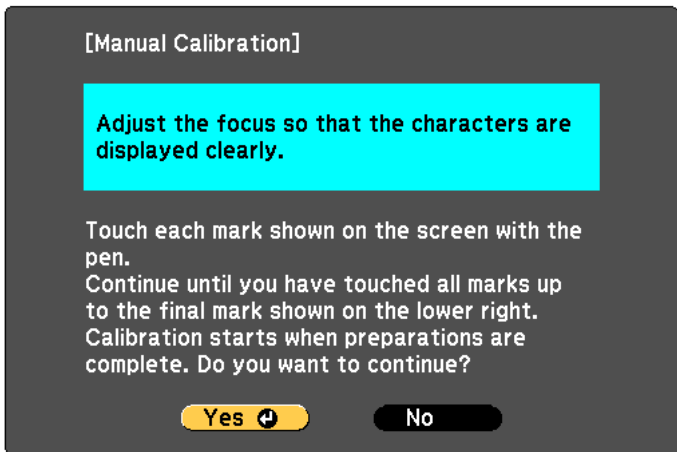
2 Select **Easy Interactive Function** from **Extended**



3 Select **Manual Calibration**



4 Check that the focus is correct, and then select **Yes**

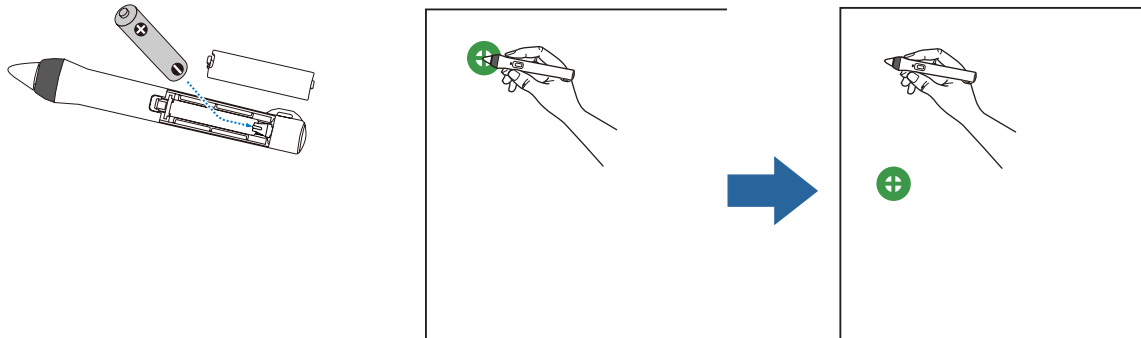


A green dot is displayed on the projected image.

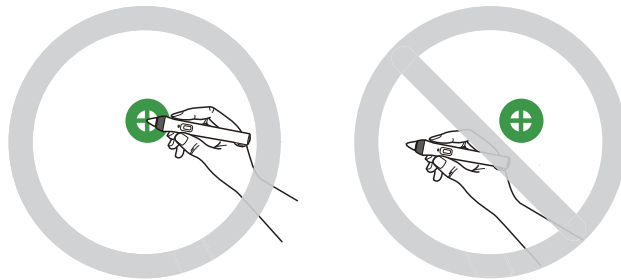
5

Touch the center of the dot with the pen tip button

The dot disappears and moves to the next position.



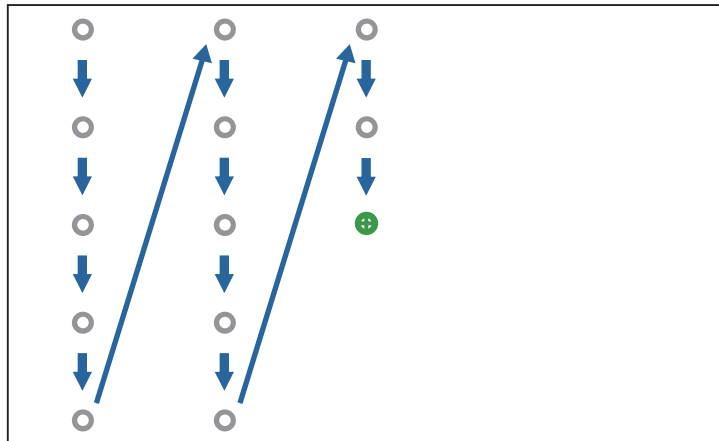
Make sure you touch the center of the dot. Otherwise, it may not be positioned correctly.



6


Repeat step 5 until all of the dots disappear

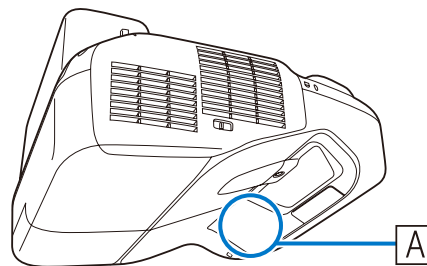
The dot appears at the top left first and then moves towards the bottom right.



When all of the dots disappear, calibration is complete.



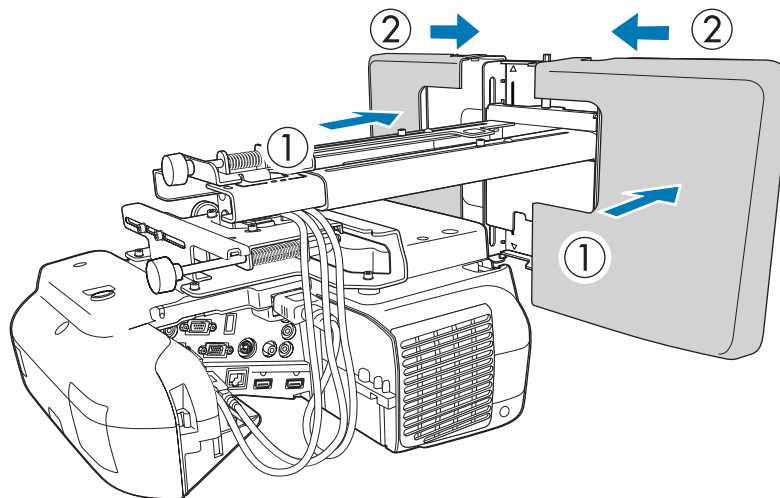
- Check that there are no obstacles between the interactive pen and the Easy Interactive Function receiver ().



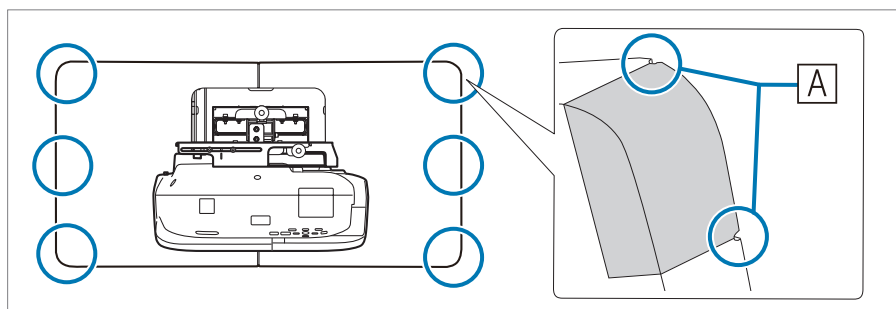
- If you touch the wrong position, press the [Esc] button on the remote control to return to the previous dot.
- To cancel calibration, hold down the [Esc] button for two seconds.

Attaching the Covers

1 Attach the wall plate covers

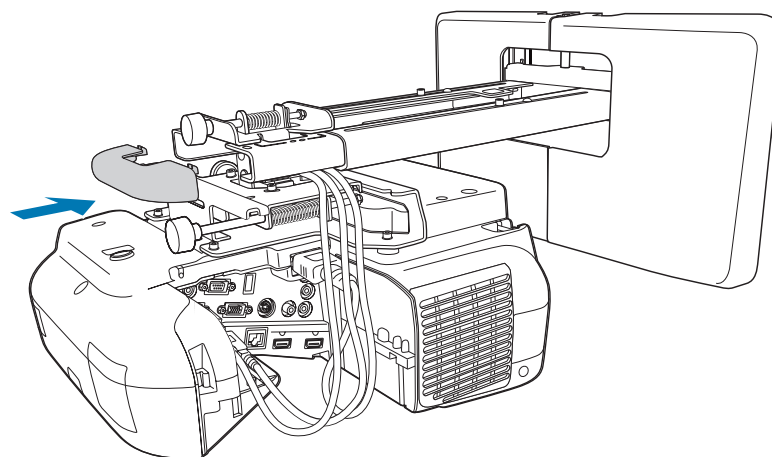


Depending on the cable configurations, you may need to cut notches (**A**) in the wall plate covers to route the cables. Perform deburring on the cut sides to smooth off any sharp edges.



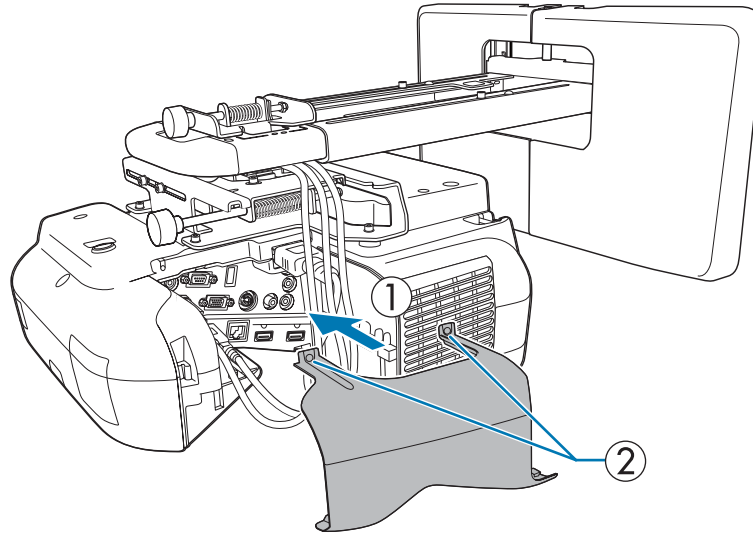
Make sure you do not damage the cables when routing them through the cut holes. Also, make sure you operate the cutter safely.

2 Place the end cap with the concave portion facing up



3

Attach the cable cover to the projector, and then secure it with the screws (x2)



 **Caution**

Only a specialist should remove or reinstall the projector, including for maintenance and repairs. See the projector's *User's Guide* for instructions on maintenance and repairs.

 **Warning**

- Never loosen the bolts and nuts after installation. Confirm that the screws have not become loose on a regular basis. If you find any loose screws, tighten them firmly. Otherwise, the product may fall and cause personal injury or property damage.
- Do not hang on this product or hang a heavy object on this product. If this product falls, it could cause death or personal injury.

Batch Setup Function

Once the Configuration menu content has been set for one projector, you can use it to perform batch setup for multiple projectors (batch setup function). The batch setup function is only for projectors with the same model number.

Use one of the following methods.

- Setup using a USB flash drive.
- Setup by connecting the computer and projector with a USB cable.
- Setup using EasyMP Network Updater.

This guide explains the USB flash drive and the USB cable methods.



- The following content is not reflected by the batch setup function.
 - Network menu settings (except for the Mail menu and the Others menu)
 - Lamp Hours and Status from the Info menu
 - Perform batch setup before adjusting the projected image. Adjustment values for the projected image, such as Keystone, are reflected by the batch setup function. If batch setup is performed after adjusting the projected image, the adjustments you made may change.
 - By using the batch setup function, the registered User's Logo is set for the other projectors. Do not register confidential information and so on as the User's Logo.



Caution

Performing batch setup is the customers responsibility. If batch setup fails due to a power failure, communication error, and so on, the customer is responsible for any repair costs incurred.

Setup Using a USB flash drive

This section explains how to perform batch setup using a USB flash drive.



- Use a FAT format USB flash drive.
- The batch setup function cannot be used by USB flash drives that incorporate security functions. Use a USB flash drive that does not incorporate security functions.
- The batch setup function cannot be used by USB card readers or USB hard disks.

■ Saving settings to the USB flash drive

1

Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off

2

Connect the USB flash drive to the projector's USB-A port

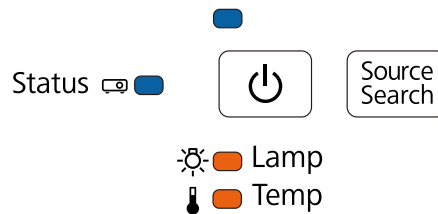


- Connect the USB flash drive directly to the projector. If the USB flash drive is connected to the projector through a USB hub, the settings may not be saved correctly.
- Connect an empty USB flash drive. If the USB flash drive contains data other than the batch setup file, the settings may not be saved correctly.
- If you have saved a batch setup file from another projector to the USB flash drive, delete the file or change the file name. The batch setup function cannot overwrite a batch setup file.
- The file name for the batch setup file is PJCONFDATA.bin. If you need to change the file name, add text after PJCONFDATA. If you change the PJCONFDATA section of the file name, the projector may not be able to recognize the file correctly.
- You can only use single-byte characters for the file name.

3

While holding down the [Esc] button on the remote control or the control panel, connect the power cord to the projector

When all of the projector's indicators turn on, release the [Esc] button.



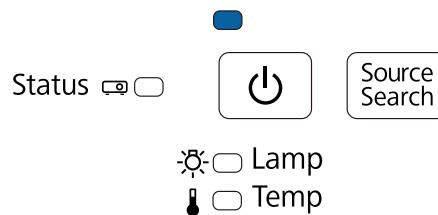
When all of the indicators start flashing, the batch setup file is being written.



Caution

- Do not disconnect the power cord from the projector while the file is being written. If the power cord is disconnected, the projector may not start correctly.
- Do not disconnect the USB flash drive from the projector while the file is being written. If the USB flash drive is disconnected, the projector may not start correctly.

When writing completes normally, the projector turns off.



When the power turns off, remove the USB flash drive.

Reflecting saved settings to other projectors

1

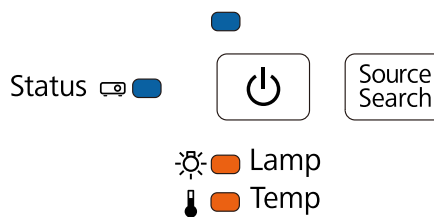
1 Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off

2 Connect the USB flash drive containing the saved batch setup file to the projector's USB-A port

- When the USB flash drive contains 1 to 3 types of batch setup files, the file is reflected to the projector with the same model number. If there are multiple files for a projector with the same model number, the settings may not be reflected correctly.
- When there are four or more types of batch setup files on the USB flash drive, the settings may not be reflected correctly.
- Do not store any data except for the batch setup file on the USB flash drive. If the USB flash drive contains data other than the batch setup file, the settings may not be reflected correctly.

3 While holding down the [Menu] button on the remote control or the control panel, connect the power cord to the projector

When all of the projector's indicators turn on, release the [Menu] button. The indicators turn on for approximately 75 seconds.

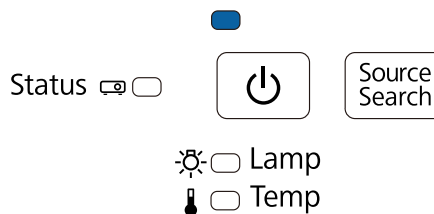


When all of the indicators start flashing, the settings are being written.

Caution

- Do not disconnect the power cord from the projector while the settings are being written. If the power cord is disconnected, the projector may not start correctly.
- Do not disconnect the USB flash drive from the projector while the settings are being written. If the USB flash drive is disconnected, the projector may not start correctly.

When writing completes normally, the projector turns off.



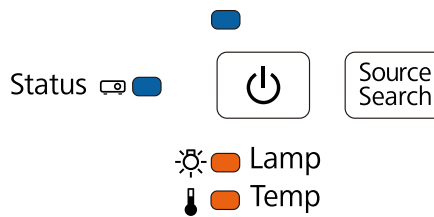
When the power turns off, remove the USB flash drive.

Setup by Connecting the Computer and Projector with a USB Cable

- The following operating systems support the batch setup function.
 - Windows XP and later
 - Mac OS X 10.5.3 and later

■ Saving settings to a computer

- 1 Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off
- 2 Connect the computer's USB port to the projector's USB-B port with a USB cable
- 3 While holding down the [Esc] button on the remote control or the control panel, connect the power cord to the projector
When all of the projector's indicators turn on, release the [Esc] button.



The projector is recognized as a removable disk by the computer.

- 4 Open the removable disk, and save the batch setup file (PJCONFDATA.bin) to the computer



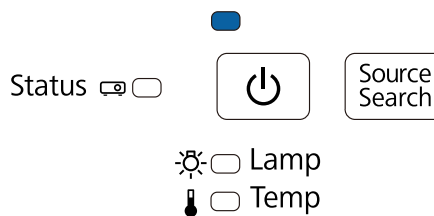
If you need to change the name of the batch setup file, add text after PJCONFDATA. If you change the PJCONFDATA section of the file name, the projector may not be able to recognize the file correctly. You can only use single-byte characters for the file name.

- 5 Perform "Remove USB device" on your computer, and then disconnect the USB cable



When using OS X, perform "Remove EPSON_PJ".

The projector turns off.

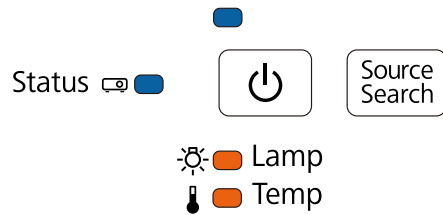


■ Reflecting saved settings to other projectors

- 1 Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off
- 2 Connect the computer's USB port to the projector's USB-B port with a USB cable

- 3** While holding down the [Menu] button on the remote control or the control panel, connect the power cord to the projector

When all of the projector's indicators turn on, release the [Menu] button.



The projector is recognized as a removable disk by the computer.

- 4** Copy the batch setup file (PJCONFDATA.bin) that you saved to your computer to the top-level folder of the removable disk



Do not copy any files or folders other than the batch setup file to the removable disk.

- 5** Perform "Remove USB device" on your computer, and then disconnect the USB cable



When using OS X, perform "Remove EPSON_PJ".

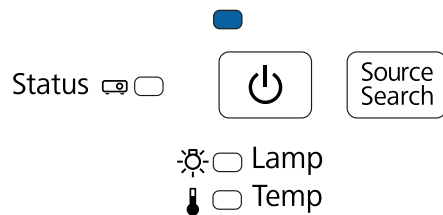
When all of the indicators start flashing, the settings are being written.



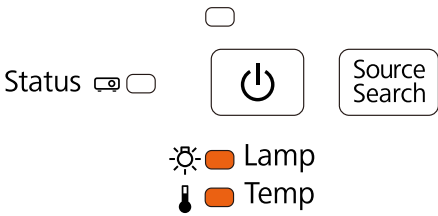
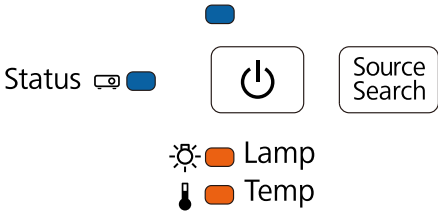
Caution

Do not disconnect the power cord from the projector while the settings are being written. If the power cord is disconnected, the projector may not start correctly.

When writing completes normally, the projector turns off.



When Setup Fails

Check	Remedy
<p>Are the lamp indicator and the temperature indicator on?</p>  <p>The diagram shows a control panel with a 'Status' indicator (a small square), a 'Source Search' button (a square with a power symbol), and two indicator lights: a lamp icon labeled 'Lamp' and a temperature icon labeled 'Temp'. In this scenario, the Status indicator is off (white), and both the Lamp and Temp indicators are off (white).</p>	<p>The batch setup file may be corrupt, or the USB flash drive or USB cable may not be connected correctly. Disconnect the USB flash drive or the USB cable, unplug and then plug in the projector's power cord, and then try again.</p>
<p>Are all of the indicators on?</p>  <p>The diagram shows the same control panel as above. In this scenario, the Status indicator is on (blue), the Source Search button is on (blue), and both the Lamp and Temp indicators are on (orange).</p>	<p>Writing the settings may have failed and an error may have occurred in the projector's firmware. Stop using the projector, remove the power plug from the electrical outlet, and contact your local dealer or the nearest address provided in the Epson Projector Contact List.</p>

Using the Interactive Function when Multiple Projectors are Installed

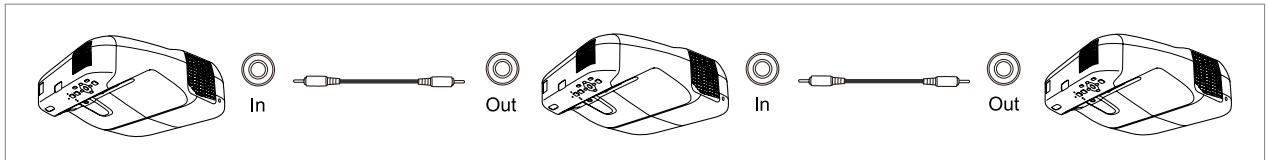
When using the interactive pen in the same room as multiple projectors, infrared interference may cause pen operations to become unstable. Interactive pen operations are stabilized by linking the projectors using cables.

By using the optional remote control cable set (ELPKC28), you can connect the SYNC ports on the projectors in series. After connecting the ports, set **Extended - Easy Interactive Function - Advanced - Sync of Projectors** to **Wired** from the Configuration menu.

For details, see the projector's *User's Guide* (on the Document CD-ROM).



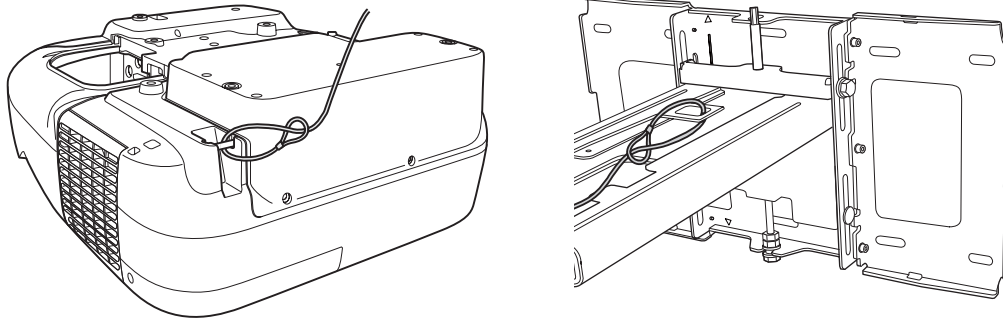
- The SYNC port has an IN and OUT socket. When you connect one end of the cable to an IN socket, connect the other end to an OUT socket.
- When connecting three or more projectors, you do not need to connect the first projector to the last projector.



Attaching a Security Cable

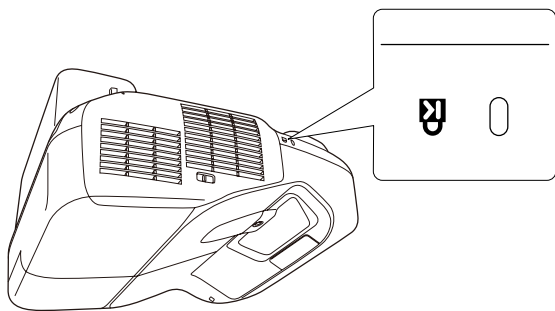
A commercially available theft-prevention wire lock can be attached to this product.

Pass the wire for the theft-prevention wire lock through the security cable installation points on the projector and the setting plate. See the user's guide supplied with the wire lock for locking instructions.



The security slot on this product is compatible with the Microsaver Security System manufactured by Kensington. See the following for more details on the Microsaver Security System.

<http://www.kensington.com/>



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