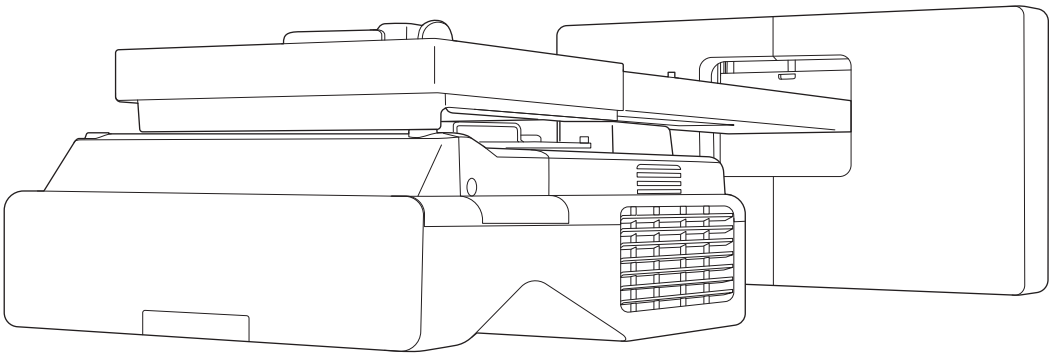
EPSON
EXCEED YOUR VISION

EB-735Fi
EB-725Wi
ELPMB62
ELPFT01
ELPMB63

Installation Guide



Contents of this Guide

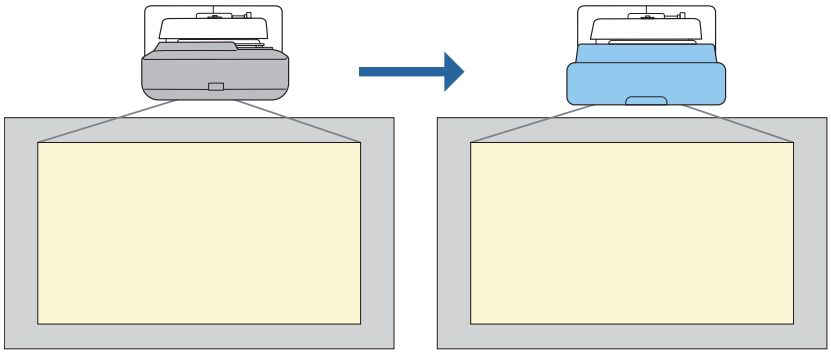
This guide contains the following information.

- Installing an ultra-short throw projector (EB-735Fi/EB-725Wi) using the wall mount (ELPMB62)
- Installing the Touch Unit (ELPFT01)
- Installing the Touch Unit using the touch unit bracket (ELPMB63)
- Installing the Pen Stand

Equipment and mounts/brackets that are not included can be purchased as optional accessories.

About Replacement Installations

You can replace the currently installed projector with EB-735Fi/EB-725Wi, and then project images at the same size in the same position.



Conditions for Replacement Installations

When replacing the projector, check if the following conditions are met.

- The installed projector is one of the following:
  - BrightLink 485Wi
  - BrightLink 485Wi+
  - BrightLink 475Wi
  - BrightLink 475Wi+
  - BrightLink 480i
  - PowerLite 485W
  - PowerLite 475W
  - PowerLite 470
  - PowerLite 480
  - EB-485Wi
  - EB-485Wie
  - EB-475Wi
  - EB-475Wie
  - EB-485W
  - EB-485We
  - EB-475W
  - EB-475We
  - EB-470
  - EB-480
  - EB-480e
  - EB-480i
  - EB-470i
  - BrightLink 595Wi
  - BrightLink 595Wi+
  - BrightLink 585Wi
  - BrightLink 585Wi+
  - BrightLink 575Wi
  - BrightLink 575Wi+
  - PowerLite 585W
  - PowerLite 575W
  - PowerLite 580
  - PowerLite 570
  - EB-595Wi
  - EB-595Wie
  - EB-585Wi
  - EB-575Wi
  - EB-575Wie
  - EB-585W
  - EB-585We
  - EB-575W
  - EB-575We
  - EB-580
  - EB-580e
  - EB-570
  - BrightLink 695Wi
  - BrightLink 695Wi+
  - BrightLink 685Wi
  - BrightLink 685Wi+
  - BrightLink 680Wi
  - BrightLink 675Wi
  - BrightLink 675Wi+
  - PowerLite 685W
  - PowerLite 675W
  - PowerLite 680
  - PowerLite 670
  - EB-695Wi
  - EB-695Wie
  - EB-685Wi
  - EB-680Wi
  - EB-675Wi
  - EB-685W
  - EB-675W
  - EB-680
  - EB-680e
  - EB-670
- The installed wall mount is one of the following:
  - ELPMB28
  - ELPMB43
  - ELPMB46
- Projecting at a size of 65 to 100 inches
- Projectors have the same resolution

Example Workflow for Replacement Installations

You can replace the projector using the following workflow. The mount or your projector may differ from the illustrations. For details on handling and adjusting the mount, see the *Installation Guide* for the projector that has already been installed or for the wall mount.

1 Remove the old projector

- Remove the end cap (also remove the wall plate cover if necessary)
- Remove the adjustment unit from the setting plate

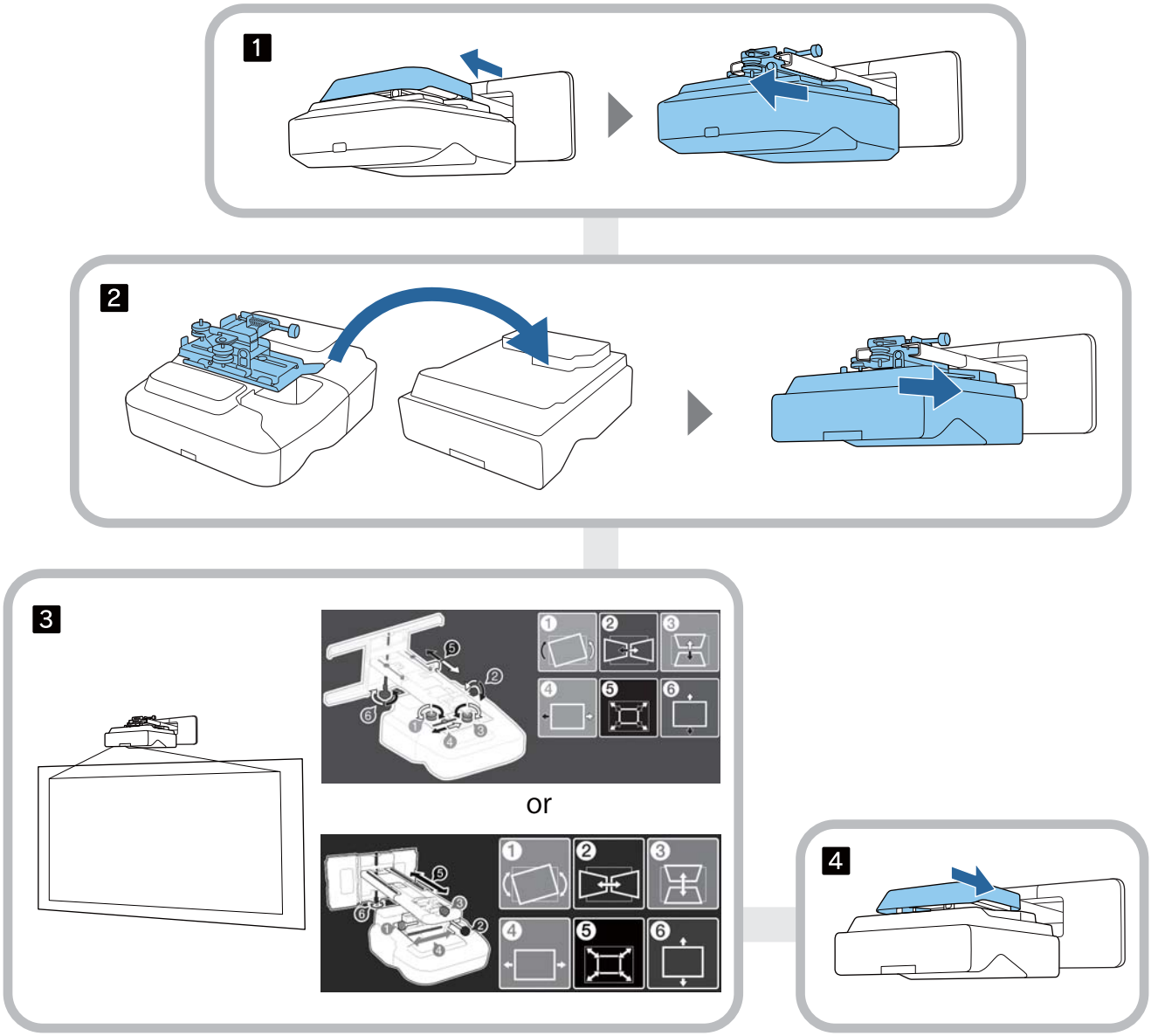
2 Install the new projector

- Remove the adjustment unit from the old projector and attach it to the new projector
- Attach the adjustment unit to the setting plate

3 Fine-tune the image

While projecting an image, fine-tune the position of the image using the adjustment dial on the mount and the projector's correction features

4 Attach the end cap



About This Installation Guide

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Using the Product Safely

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

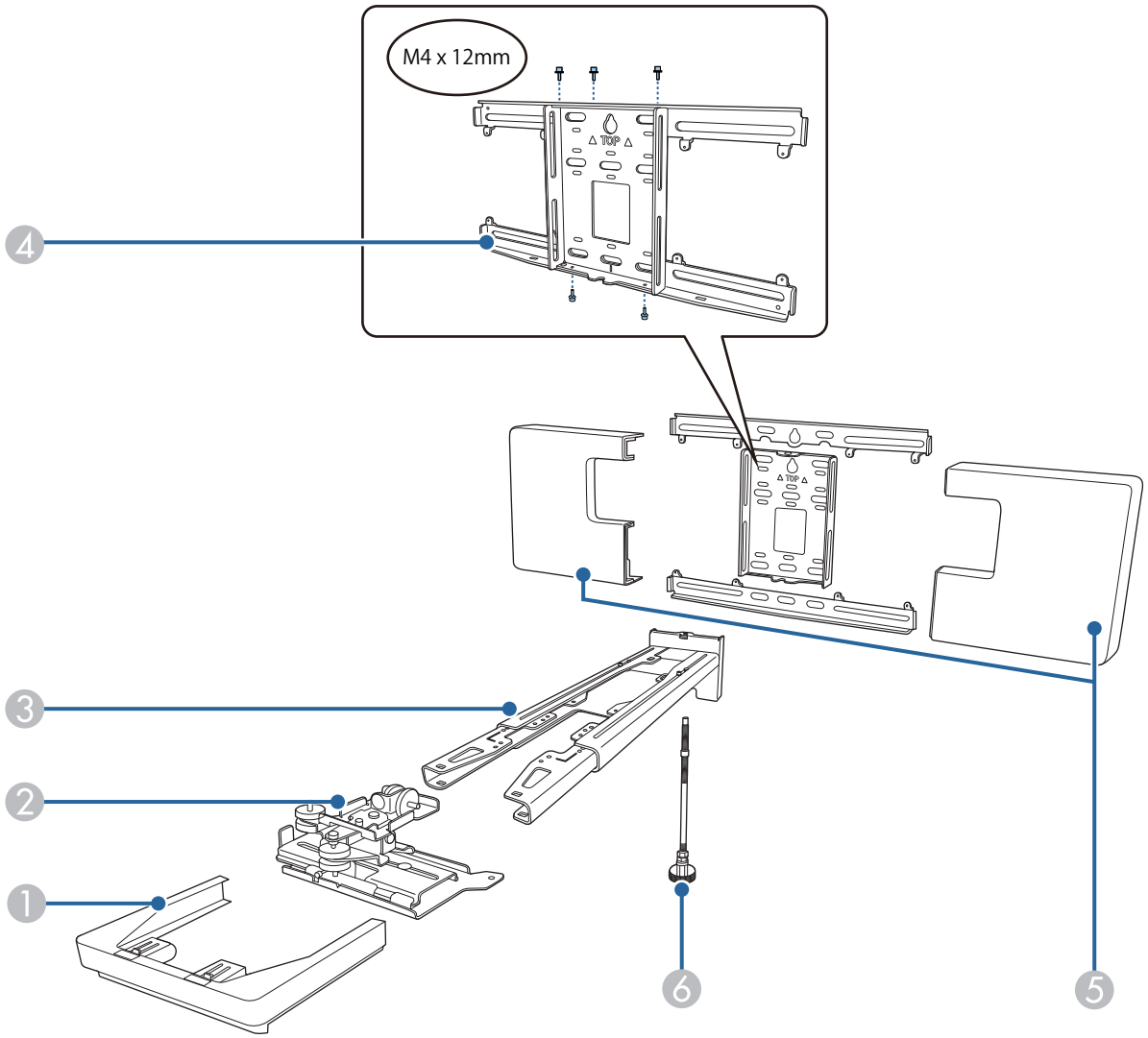
Symbols	Explanation
	Symbol indicating an action that must not be done
	Symbol indicating an action that should be done
	Symbol indicating related or useful information

Package Contents

Confirm that you have all necessary items before beginning installation.

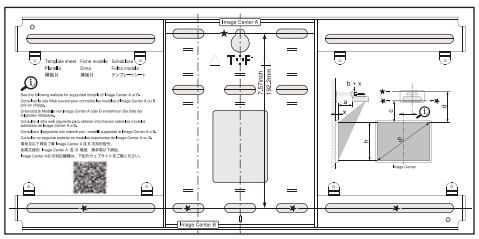
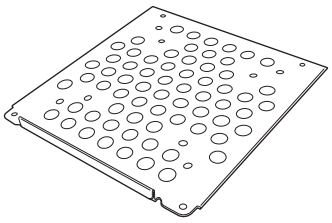
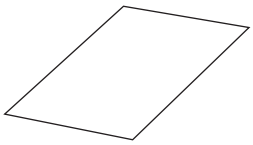
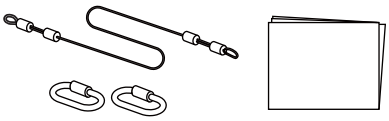
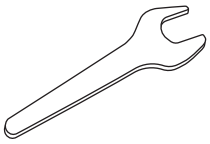
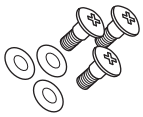
Wall Mount

Main Mount



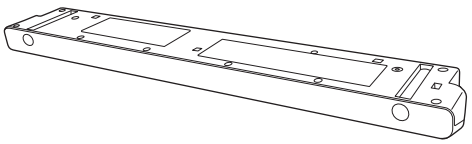
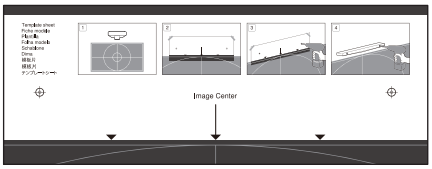
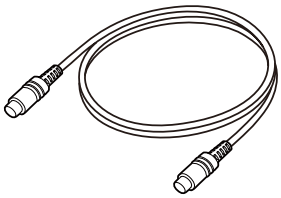
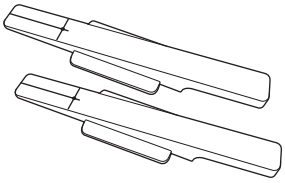
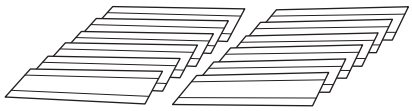
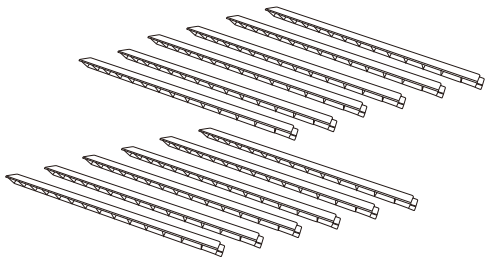
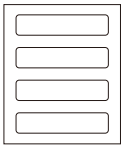
No.	Part name
1	End cap
2	Adjustment unit
3	Setting plate
4	Wall plate
5	Wall plate cover
6	Hexagonal axis

Accessories

Part	Name	Application
	Template sheet	Attach this to the wall before attaching the wall plate, and use it to drill necessary holes.
	Mini PC plate	Attach this to the wall plate when installing a mini PC or stick PC.
	Mini PC belt	Secure the PC to the plate when attaching a mini PC or a stick PC that cannot be attached using screws.
	Cable binding belt	Secure excess cables after performing wiring.
	Masking sticker	Stick this over the groove in the arm of setting plate to cover it up after installing.
	Safety wire set	Connect to the wall mount and the projector to prevent the projector from falling. See the user's guide supplied with the safety wire set for more details.
	Hexagon wrench (for M4)	-
	Spanner (No. 13 for M6)	-
	M4 x 12 mm hexagon socket head cap bolt with washer/spring washer (x13)	• Assemble the wall plate as shown in the figure on p.7 (x5) • Secure the adjustment unit to the projector (x4) • Secure the adjustment unit to the setting plate (x4)
	M6 x 20 mm hexagon shoulder head bolt with washer/spring washer (x1)	Secure the setting plate to the wall plate.
	M6 x 20 mm cross recessed head shoulder screws with plastic washers (x3)	

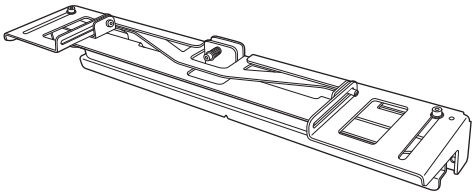
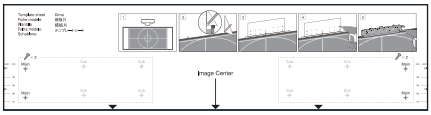
Part	Name	Application
	M3 x 6 mm cross recessed head shoulder screws (x4)	Secure the mini PC plate to the wall plate.

Touch Unit

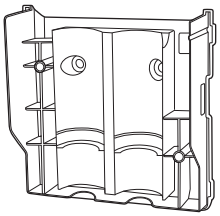
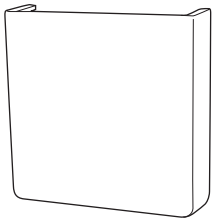
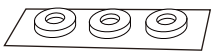
Part	Name	Application
	Touch Unit	-
	Template sheet (for securing the Touch Unit)	Attach this to the wall before attaching the Touch Unit, and use it to drill necessary holes.
	Touch Unit connection cable (approx. 1.8m)	Connect the Touch Unit to the projector.
	Markers x2	Attach to the screen to adjust the angle of the laser emitted by the Touch Unit. When the finger touch operations do not work correctly, you need to use the markers again to re-calibrate the angle of the laser. Keep these in a safe place after installing.
	Tape for securing the markers (approx. 6 cm) x12	Secure the markers to the projection surface.
	Infrared deflectors (approx. 28.5 cm) x12	Use these when there is a tray or frame at the bottom of the projection surface. This prevents malfunctions due to laser reflections.
	Spacers for screw holes x3	Attach them to the screw hole when securing the Touch Unit with screws.
	Label x4	Attach the label in the position of the Touch Unit. These provide markers when repositioning due to movement that occurs during use.

Touch Unit Bracket

Use this when attaching the Touch Unit to outside of the projection surface.

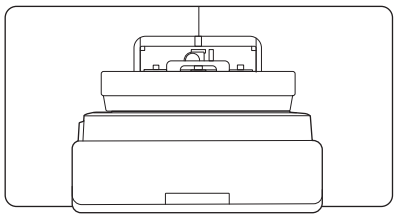
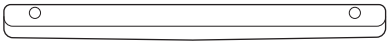
Part	Name	Application
	Touch Unit Bracket	-
	Template sheet (for Touch Unit Bracket)	Attach this to the wall before attaching the Touch Unit Bracket, and use it to drill necessary holes.
	M4 x 25mm hexagon socket head cap bolts (x2)	Secure the Touch Unit to the Touch Unit Bracket.
	Hexagon wrench (for M4)	-

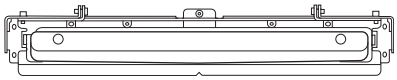
Pen Stand

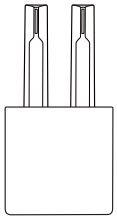
Part	Name	Application
	Main unit	-
	Cover	Attach to the front of the pen stand.
	Spacers for screw holes x3	Attach them to the screw hole when securing the pen stand with screws.

Necessary Items

As well as the items supplied, you also need to prepare the following screws and tools.

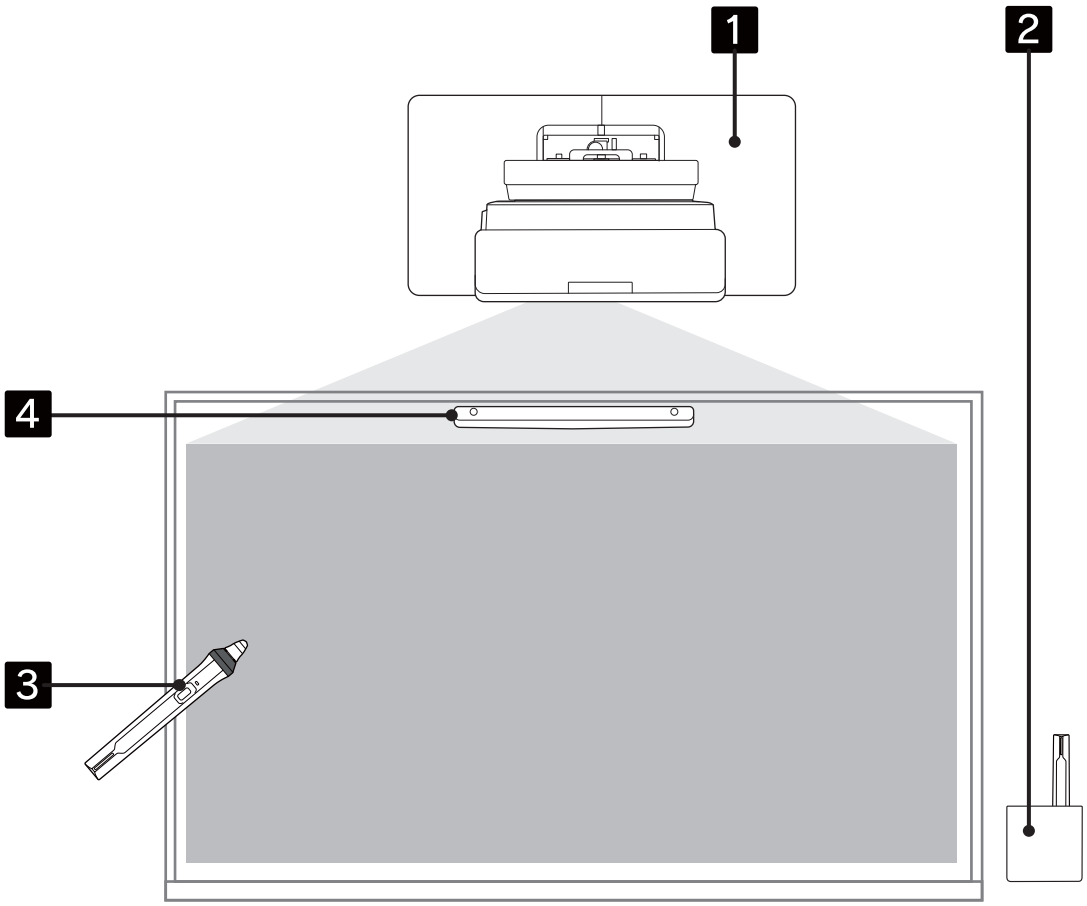
Applicable parts	Necessary items
	For the wall mount • M10 or 3/8 inch x 60 mm anchor bolts (for securing the wall plate: at least x4) • M10 screw (for securing the wall plate temporarily: x1) • 17 mm ratchet wrench (for adjusting hexagonal axis) • Cables to connect to the projector • Devices such as mini PCs
	For the Touch Unit • M4 screws (to secure the Touch Unit: x2)

	For the Touch Unit bracket
	• Anchor bolts or screws for the bracket (depending on what the mounting surface is made of)
	  • M4 anchor bolts (x4)
	  • 3.8 mm diameter wood screws with a length of 45 mm or more (x4)

	For the pen stand • M4 x 20 mm screws (x2)

Installation Work Flow

We recommend installing the projector and peripheral devices in the following order.



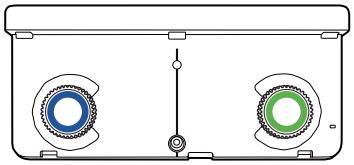
1 Mount projector on wall and adjust the projected image (☛ p.17)

2 Install the pen stand (☛ p.75)

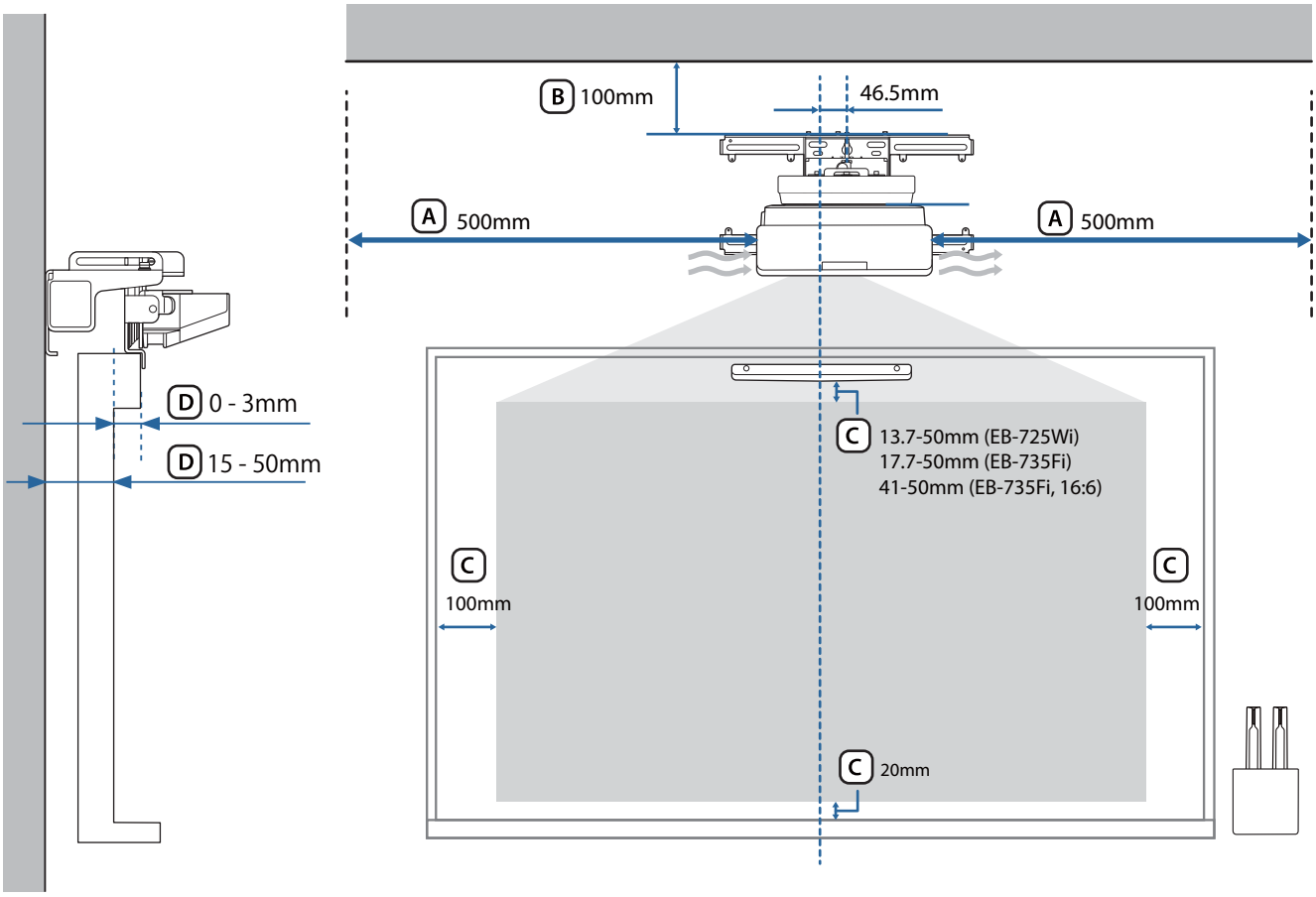
3 Perform pen calibration (☛ p.80)

4 Install and adjust touch unit and perform finger touch calibration (☛ p.84)

When you want to use the installed Touch Unit (see the following image) as it is, adjust the laser angle (p.104).



Figures of Installation Dimensions

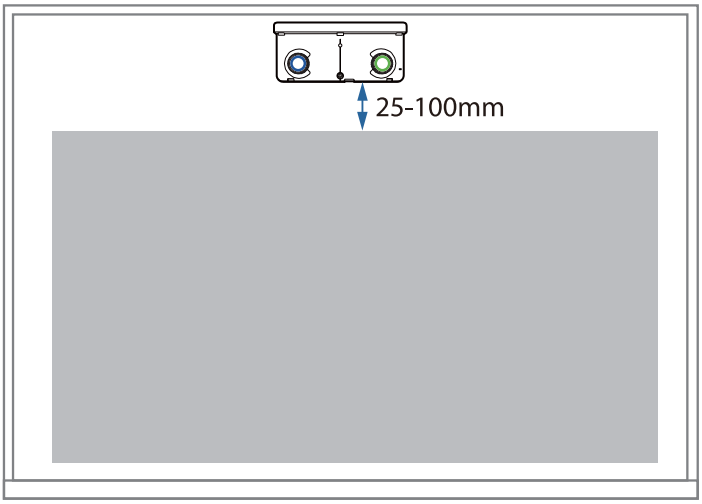


Caution

- When installing the projector, make sure there is a gap between the wall and the projector's air exhaust and intake vents. (See figure A above)
- When using the Touch Unit, make sure there is enough space around the projection screen. (See figure C above)
- When installing the Touch Unit using the Touch Unit bracket, check the thickness of the frame around the screen and the length from the installation surface to the screen surface. (See figure D above)

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. (See figure B above)

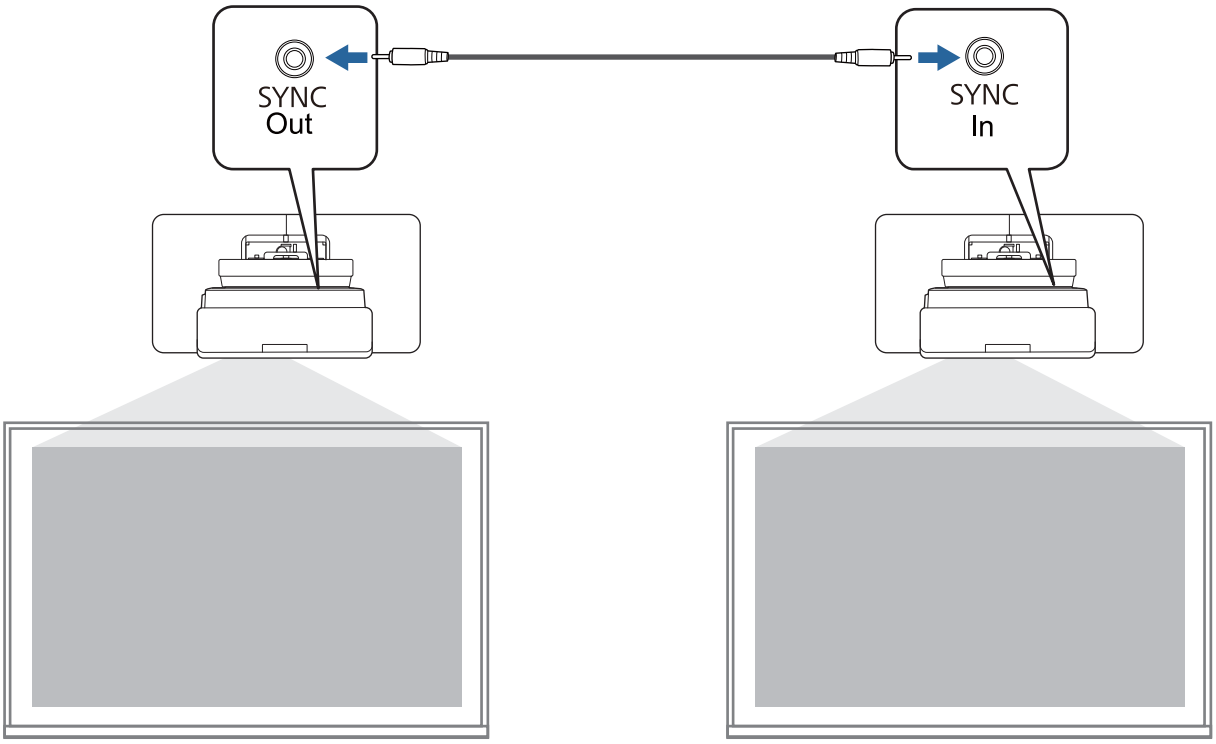
When you want to use the installed Touch Unit as it is, leave a gap of 25 to 100 mm between the bottom of the touch unit and the top of the image. You may need to re-install the Touch Unit to project at a different size or aspect ratio.


25-100mm

When Installing Multiple Projectors Nearby

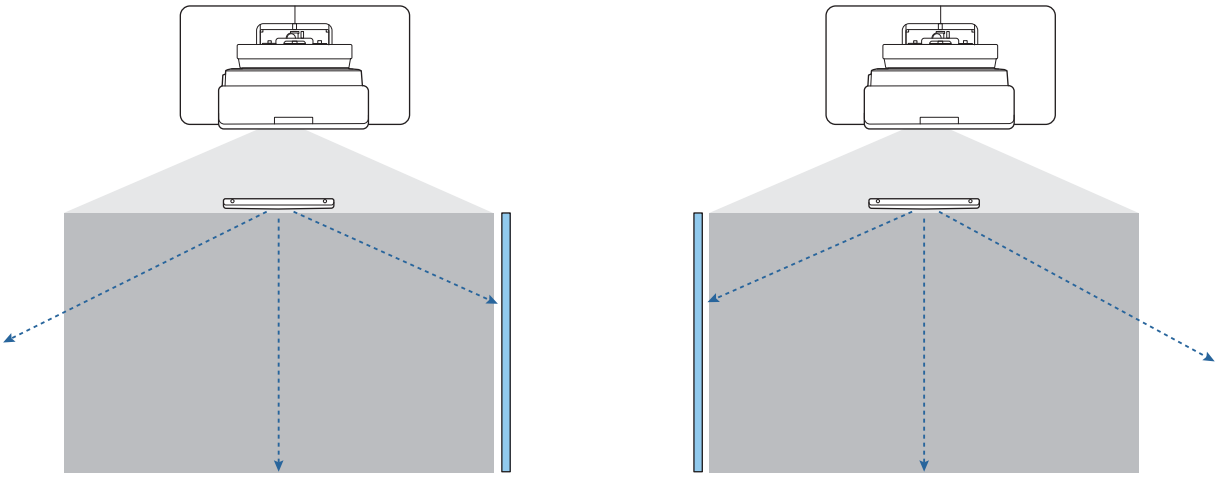
If interactive pen operations interfere with projectors that have been installed nearby, connect the projectors by using the optional remote control cable set (ELPKC28).

After connecting the cable, set **Installation of Projectors** > **Sync of Projectors** to **Wired** from the **Pen/ Touch** menu to reduce the interference.

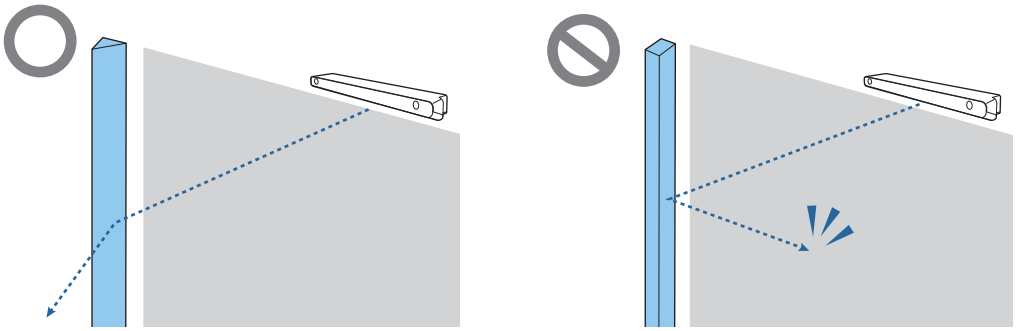


When Installing Multiple Touch Units Nearby

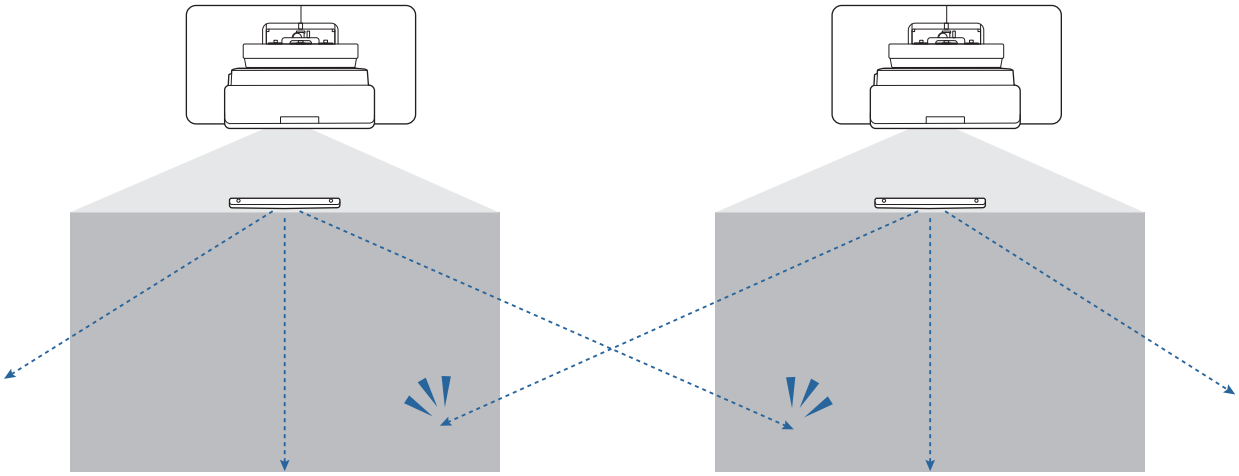
When installing multiple Touch Units on the same wall, we recommend installing the infrared deflectors supplied to create partitions to prevent the lasers from interfering with adjacent projection surfaces.



- When using partitions other than the infrared deflectors, they should be slanted as shown in the following figure.



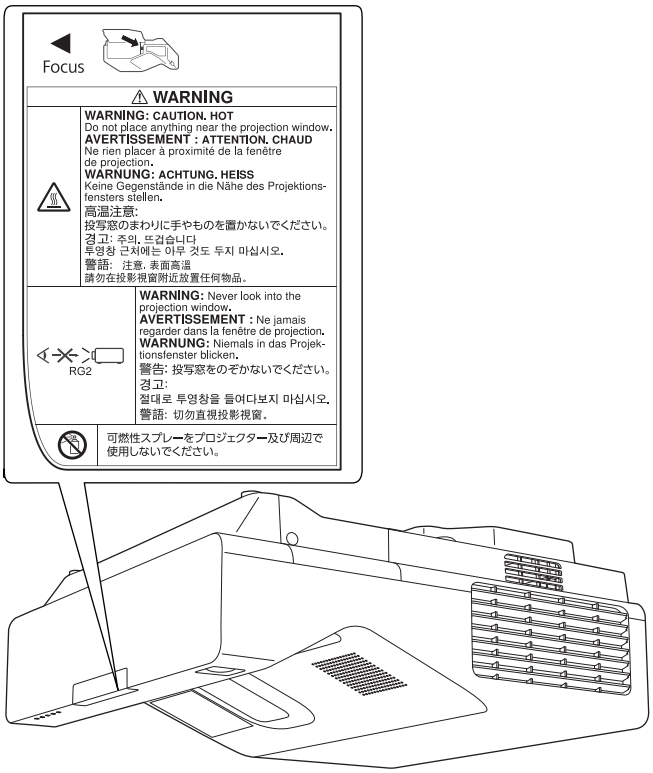
- If partitions are not installed, the lasers from the Touch Units may interfere with adjacent projection surfaces, and finger touch operations may not work properly.



Cautions on Installing the Wall Mount

Warning	
The Wall mount 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 steps in this guide to install the Wall mount, and be sure to use the bolts and screws specified in this guide. If the instructions are not followed, this product may fall, resulting in personal injury or an accident.	
Handle the power cord carefully. Incorrect handling may cause fire or electric shock. Observe the following precautions when handling: • 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.	
Do not install the setting plate in a place where it might be subjected to vibration or shock. This could cause damage to the projector or mounting surface. If this product falls, it could cause death or personal injury.	
When installing on a wall, install so that it can sufficiently support the mass of the projector and the Wall mount and resist any horizontal vibration. Use M10 or 3/8 inch x 60 mm nuts and bolts. Nuts and bolts smaller than M10 or 3/8 inch x 60 mm 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.	
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. If this product falls, it could cause death or personal injury.	
When installing this product on a wall, the wall requires enough strength to hold the projector and the Wall mount. This product should be installed on a concrete wall. The maximum combined weight of the projector and the Wall mount is approximately 15 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.	
Inspect the setting plate on a regular basis to ensure there are no broken parts or loose screws. If any parts are damaged, stop using the setting plate immediately. If this product falls, it could cause death or personal injury.	

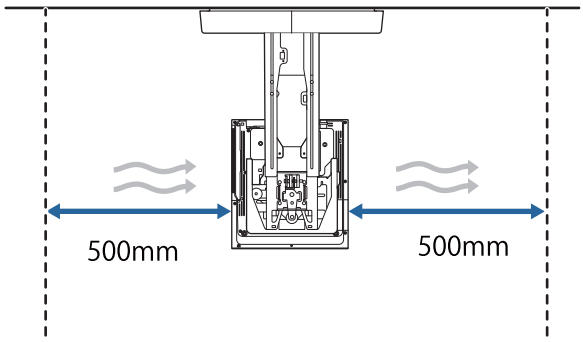
Warning	
Do not disassemble or remodel this product. There are numerous high-voltage sections inside the product that could cause a fire, electric shock, or an accident.	
Do not hang on this product. Do not hang heavy objects on this product. If this product falls, it could cause death or personal injury.	
Do not use adhesives, lubricants, or oils to install or adjust the Wall mount. 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.	
Tighten all screws firmly after adjustment. Otherwise, the product may fall and cause personal injury or property damage.	
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.	
Route the cables so that they are not interfered with the nuts and bolts. Incorrect handling of the cables may cause fire or electric shock.	
When turning on the projector, do not look into the projection window. 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.	
When using the projector, do not place any objects or put your hand near the projection window. This area is dangerous as it reaches a high temperature due to the concentrated projection light.	
Do not use the projector in a location subject to combustible or explosive gas. High temperatures within the projector may cause ignition and a fire to occur.	
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.	
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. Continuing to use the product in an abnormal condition could cause a fire, electric shock, or visual impairment.	

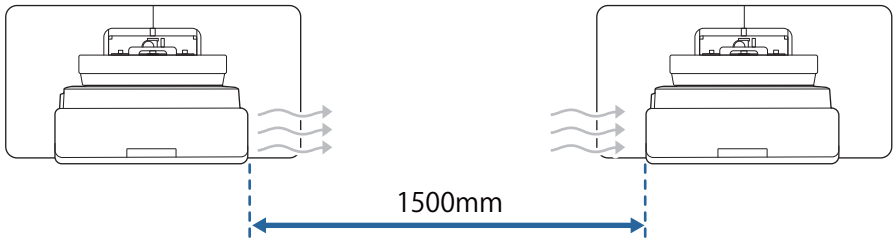
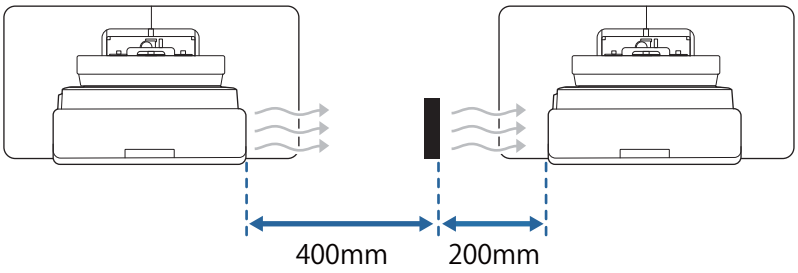
Warning	
Laser warning labels have been attached to the projector. Do not look into the laser beam emitted from the projection window while projecting. (Compliant with IEC/EN60825-1:2014) 	
Never open any cases on the projector. Electrical voltages inside the projector can cause severe injury.	
Do not look directly into the projector's light source. Possibly hazardous optical radiation emitted from this product. Eye injury may result.	

Caution	
Do not install this product in a location where the operating temperature for your projector model may be exceeded. Such an environment may damage the projector.	
Install this product in a place free from excessive dust and humidity to prevent the lens or optical components from becoming dirty.	
Do not use excessive force when adjusting this product. This product may break, resulting in personal injury.	
This projector is a Class 1 laser product that complies with the IEC/EN60825-1: 2014 international standard for lasers.	
Do not disassemble the projector when disposing of it. Dispose according to your local or national laws and regulations.	

Cautions on the Installation Location of the Wall Mount

Warning	
Do not install in a location subject to oily smoke or smoke for events. If oils and so on stick to 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.	

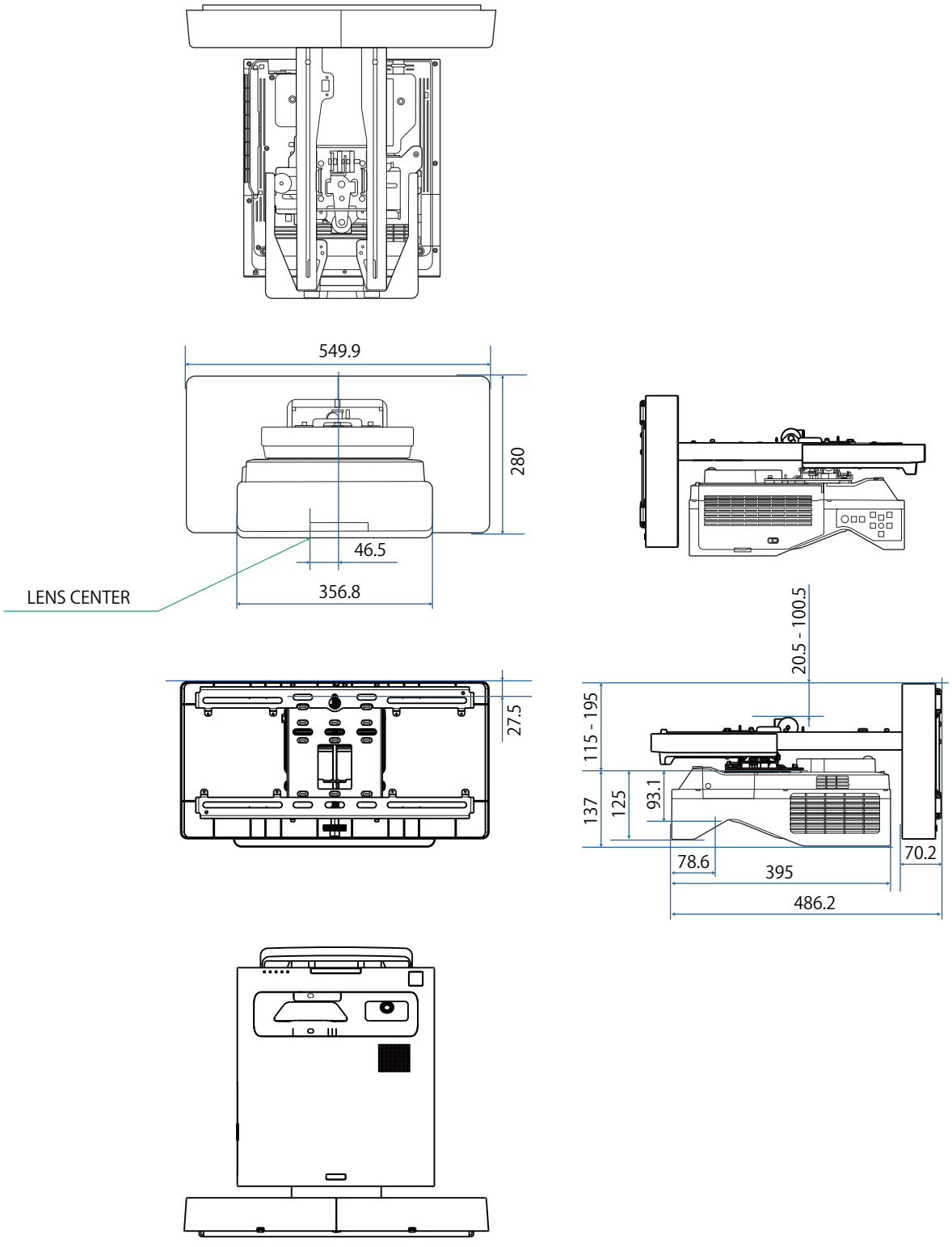
Caution	
Do not install the projector or the screen in a location subject to direct sunlight. If the projector or the screen are subject to direct sunlight, the interactive function may not operate correctly.	
Carry out power supply wiring work at the installation location of the projector in advance.	
Install the projector away from other electric devices such as fluorescent lights or air conditioners. Some types of fluorescent lights could interfere with the remote control or the pen.	
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.  	
When installing two or more projectors in parallel, make sure the temperature of the surrounding environment is less than 35°C. If the environment is too hot, the projector may overheat and the power may turn off without warning.	

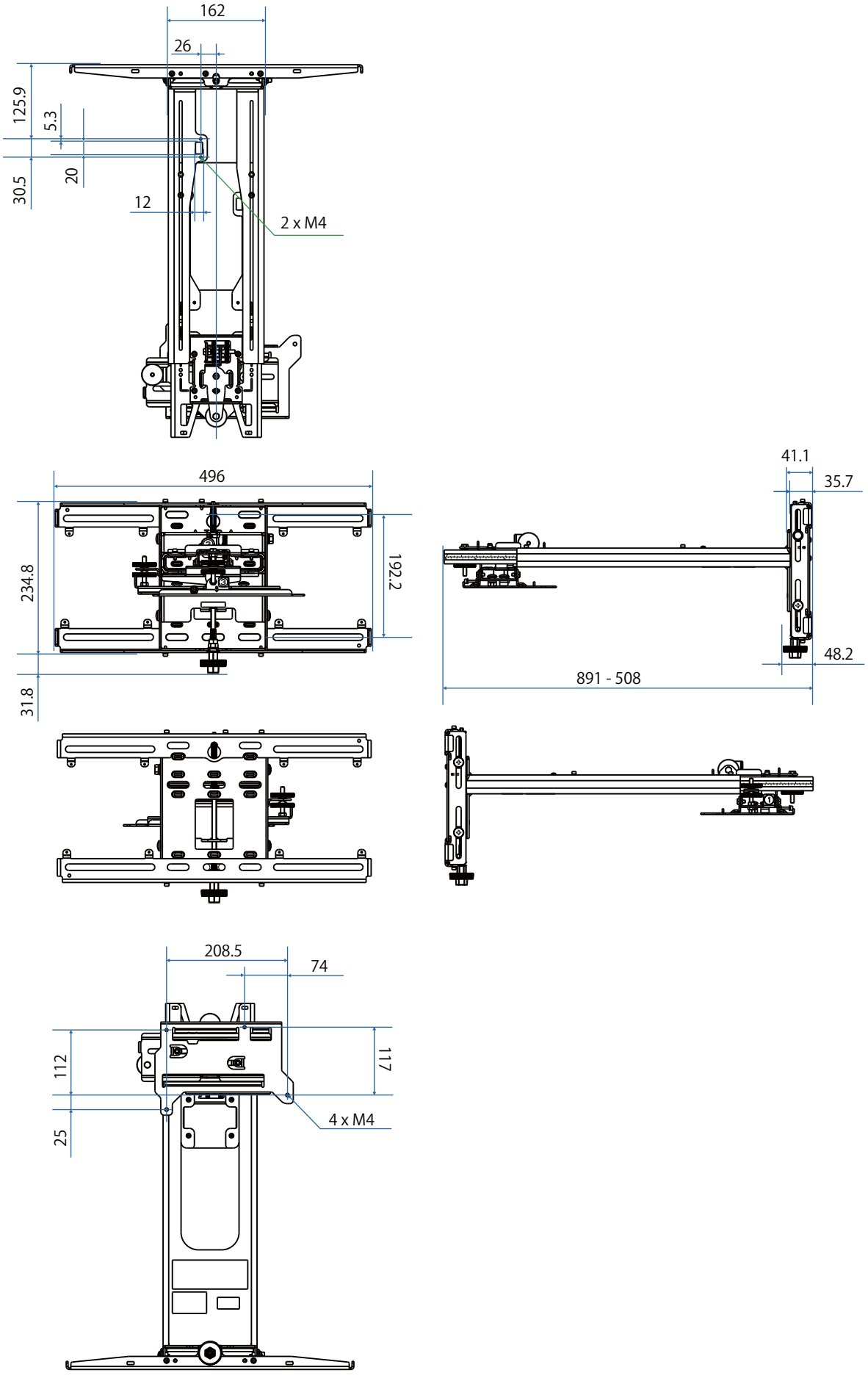
Caution	
When installing two or more projectors in parallel, leave a gap of at least 1,500 mm between the projectors.  If you cannot secure a gap of approx. 1,200 mm, install a partition to block the heat vented from the projector's air exhaust vent. The partitions should be larger than the exhaust vent (approx. 20 mm in all directions), and installed approximately 400 mm from the exhaust vent and 200 mm from the intake vents.  	
Install and adjust the projector at a room temperature that is close to the actual intended usage environment. If the temperature changes, the position of the image may shift or the accuracy of the pen may decline.	
Install the projector so that it is tilted at an angle of no more than +3 degrees or -3 degrees vertically and horizontally in relation to the screen.	
When using interactive functions, install the projector so that the projected image is within reach.	
We recommend using stick-on screens or board screens.	

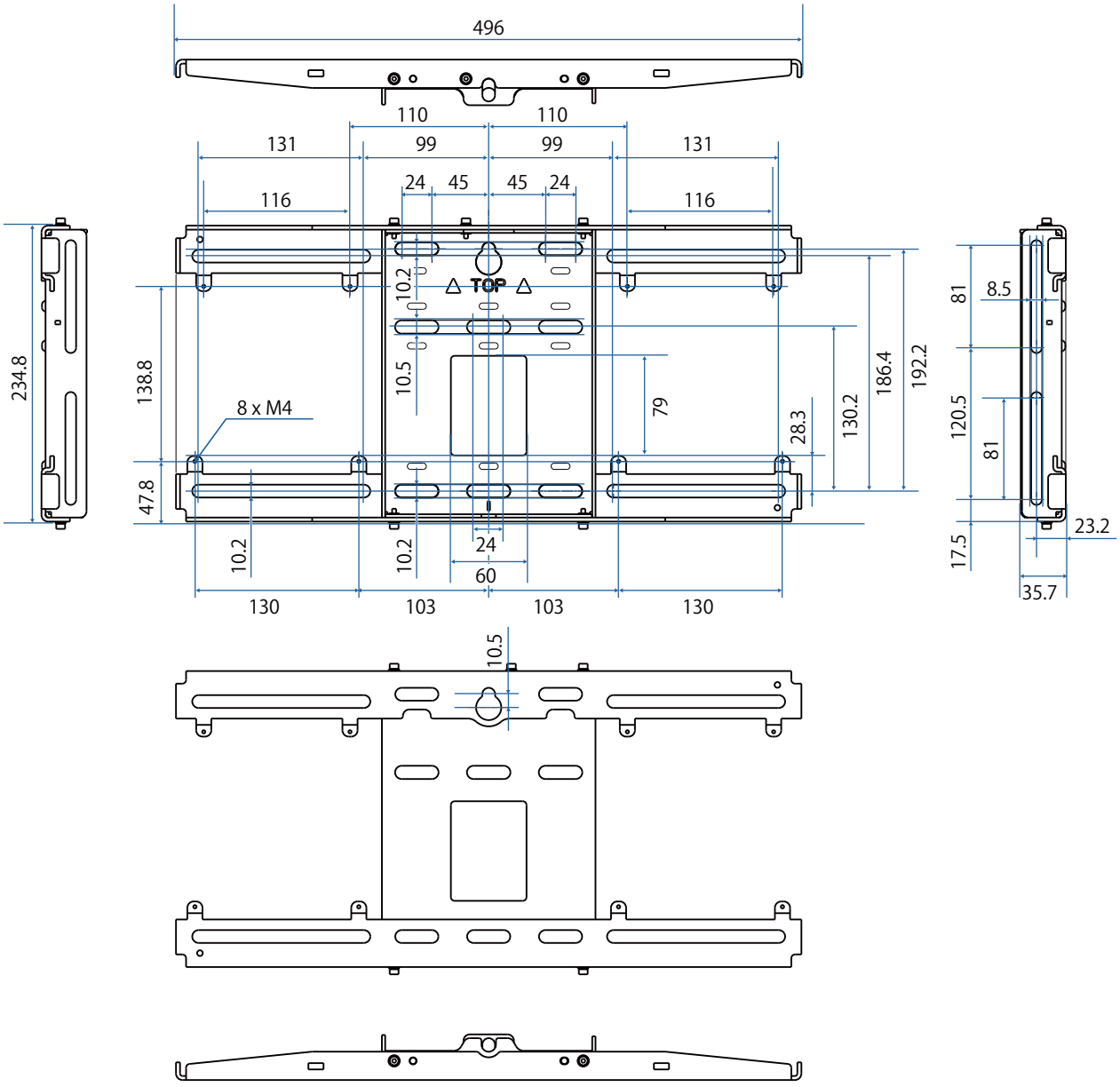
Wall Mount Specifications

Item	Specification
Wall mount mass (setting plate, hexagonal axis, adjustment unit, wall plate, wall plate cover, end cap)	Approx. 9.2 kg
Maximum load capacity	Approx. 15.0 kg

External Dimensions

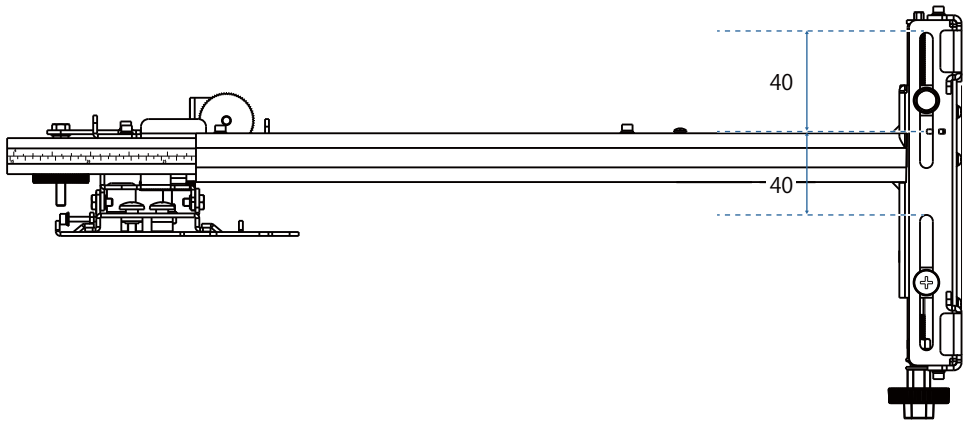



162
26
125.9
5.3
20
30.5
12
2 x M4
496
234.8
192.2
31.8
41.1
35.7
48.2
891 - 508
208.5
74
112
117
25
4 x M4

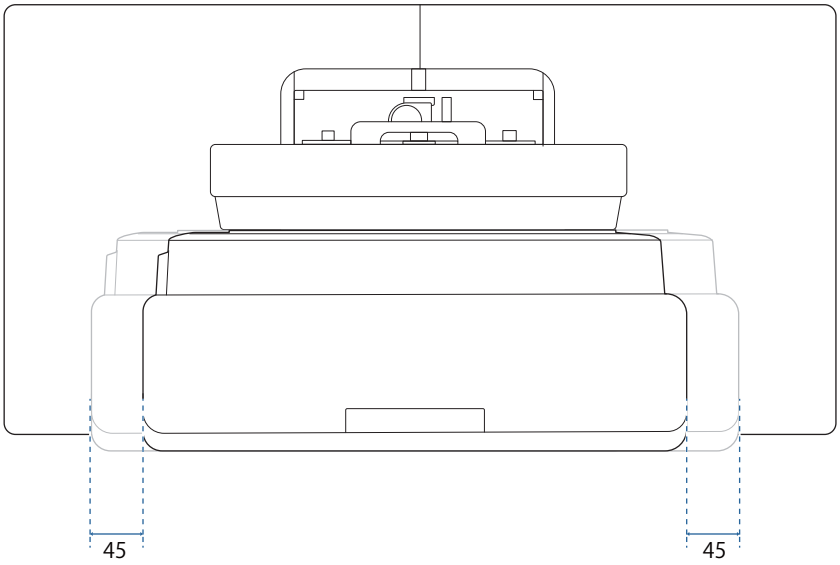


Adjustment Range

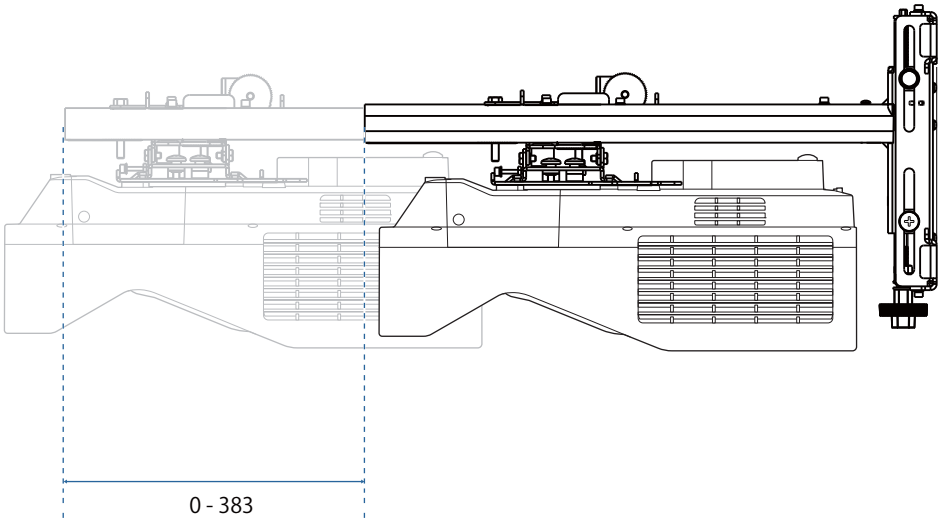
Vertical slide



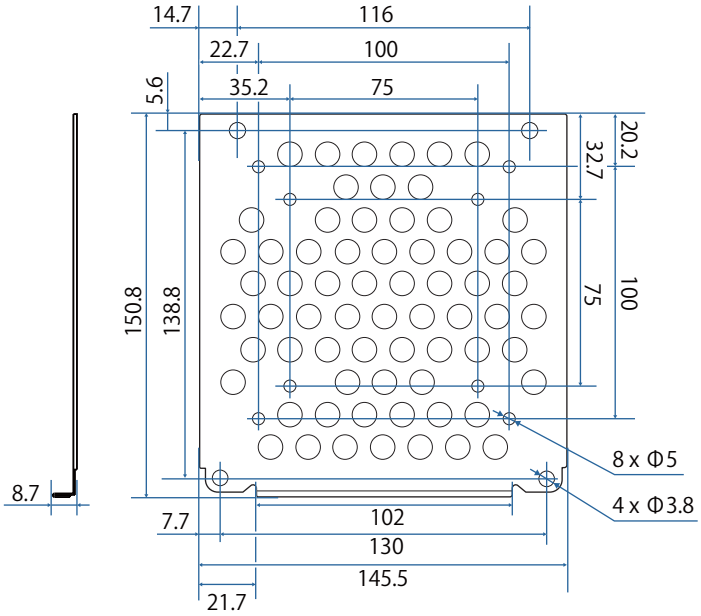
Horizontal slide



Forward/backward slide



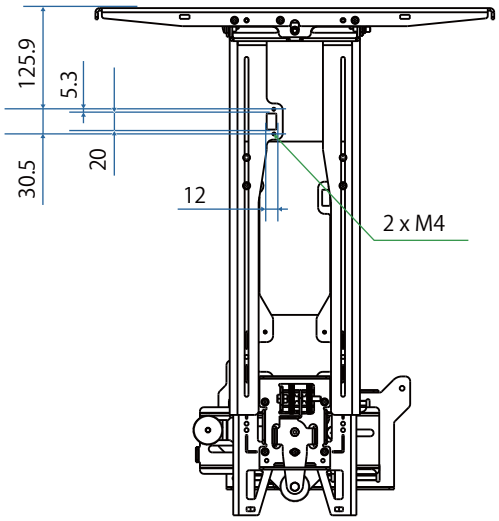
Mini PC Installation Plate



Item	Specification
Screw holes for installing PC (VESA compliant)	75 mm x 75 mm 100 mm x 100 mm
Supported PC sizes	Within 150 mm x 150 mm x 44 mm
Supported PC weight	0.7 kg or less

Installing Accessories

When installing a switcher or a tuner, use the screw holes shown in the figure below to secure them.



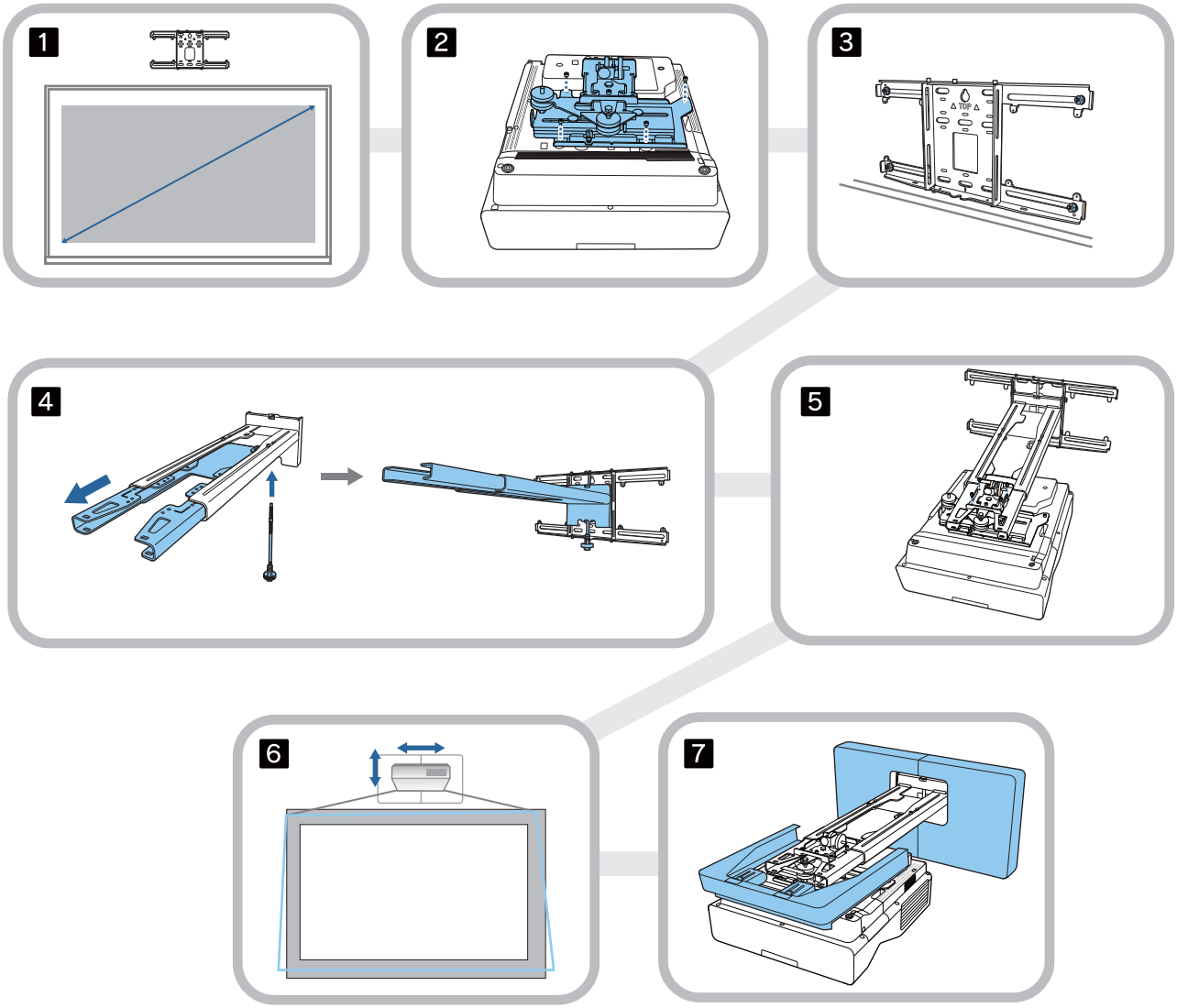
Before installing, check that the total weight, including the projector and connection cables, is below the maximum load capacity for the Wall Mount. (☛"Wall Mount Specifications" p.22)

Installation Procedure for the Wall Mount

Follow the work flow below to install the wall mount.

Route the cables before installing the wall mount according to your installation environment.

1. Check the projection distance tables to determine the installation position (☛ p.29)
2. Attach the adjustment unit to the projector (☛ p.44)
3. Install the wall plate on the wall (☛ p.45)
4. Adjust the arm length of the setting plate, and then attach it to the wall plate (☛ p.47)
5. Attach the adjustment unit to the setting plate, and then connect the cables and peripheral devices (☛ p.52)
6. Adjust the position of the image (☛ p.56)
7. Attach the covers (☛ p.72)



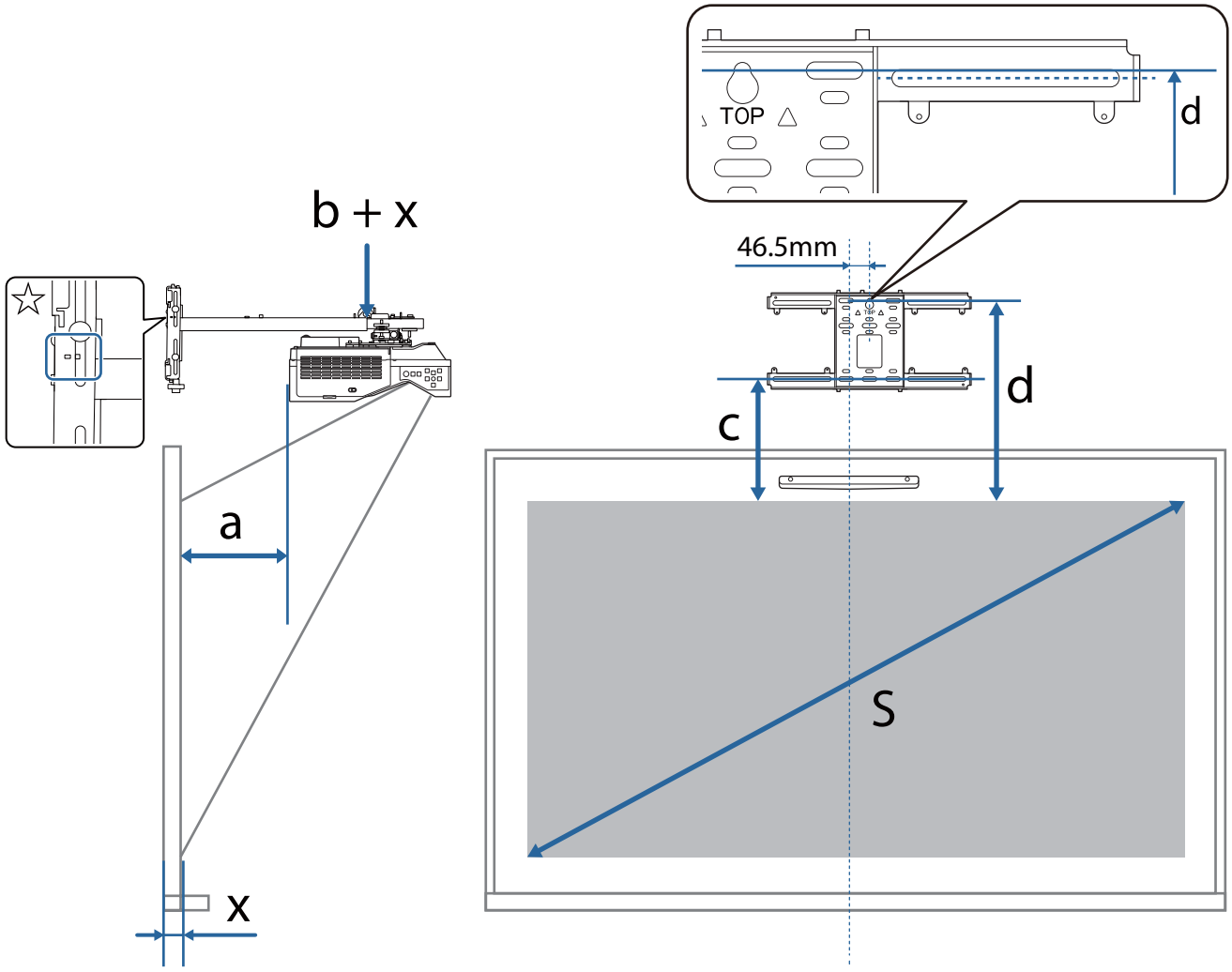
Attaching the Mount

Determining the installation position (projection distance tables)

Determine the installation position of the wall plate according to the size of the screen (S) you want to project on to. See the following figure to check the values from a to d. This is the value when the setting plate is in the middle of the wall plate (See ☆ in the following illustration).

The offset value for the center of the screen being projected and the center of the Wall Plate is 46.5 mm.

A shorter x distance may increase the minimum projection size.



a: Minimum projection distance (Wide)

b + x: Number on the arm slide scale on the setting plate (Max. 533 mm)

x: Distance from the wall to the projection surface
(15 to 50 mm when using the touch unit bracket (p.13))

c: Distance from the top edge of the image to the bottom installation screw hole for the wall plate

d: Distance from the top edge of the image to the temporary screw hole for the wall plate

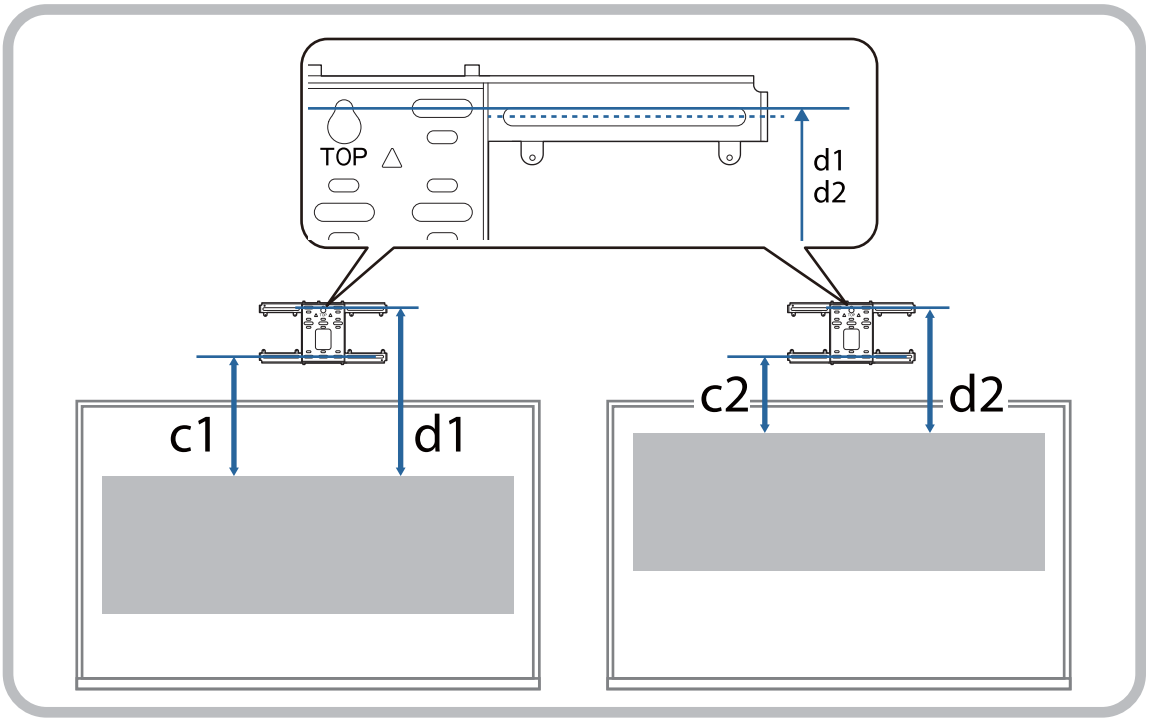
S: Projected image size

See the following for the values for c and d when projecting at an aspect ratio of 16:6.

When using the interactive features with an aspect ratio of 16:6, set the **Screen Position** to a vertically central or higher position.

(EB-735Fi)

- c1/d1: When the **Screen Position** is in the center
- c2/d2: When the **Screen Position** is at the top



EB-735Fi

16:9 projected image

[Unit: mm]

S		a	b	c	d
65 "	1439 × 809	57	115	212	404
66 "	1461 × 822	63	121	215	407
67 "	1483 × 834	69	127	218	410
68 "	1505 × 847	75	133	221	413
69 "	1528 × 859	81	139	224	416
70 "	1550 × 872	87	145	227	419
71 "	1572 × 884	93	151	230	423
72 "	1594 × 897	99	157	233	426
73 "	1616 × 909	105	163	237	429
74 "	1638 × 921	111	169	240	432
75 "	1660 × 934	117	175	243	435
76 "	1682 × 946	123	181	246	438
77 "	1705 × 959	129	188	249	441
78 "	1727 × 971	135	194	252	444
79 "	1749 × 984	141	200	255	447
80 "	1771 × 996	147	206	258	450
81 "	1793 × 1009	153	212	261	454
82 "	1815 × 1021	159	218	265	457
83 "	1837 × 1034	165	224	268	460
84 "	1860 × 1046	171	230	271	463
85 "	1882 × 1058	177	236	274	466
86 "	1904 × 1071	183	242	277	469
87 "	1926 × 1083	189	248	280	472
88 "	1948 × 1096	195	254	283	475
89 "	1970 × 1108	201	260	286	478

S		a	b	c	d
90 "	1992 × 1121	207	179	289	482
91 "	2015 × 1133	213	185	292	485
92 "	2037 × 1146	219	191	296	488
93 "	2059 × 1158	225	197	299	491
94 "	2081 × 1171	231	203	302	494
95 "	2103 × 1183	237	209	305	497
96 "	2125 × 1195	243	215	308	500
97 "	2147 × 1208	249	221	311	503
98 "	2170 × 1220	255	227	314	506
99 "	2192 × 1233	261	233	317	510
100 "	2214 × 1245	267	239	320	513

4:3 projected image

[Unit: mm]

S		a	b	c	d
54 "	1097 × 823	63	122	215	407
55 "	1118 × 838	70	129	219	411
56 "	1138 × 853	78	137	223	415
57 "	1158 × 869	85	144	226	419
58 "	1179 × 884	92	151	230	422
59 "	1199 × 899	100	159	234	426
60 "	1219 × 914	107	166	238	430
61 "	1240 × 930	115	173	242	434
62 "	1260 × 945	122	181	245	438
63 "	1280 × 960	129	188	249	441
64 "	1300 × 975	137	195	253	445
65 "	1321 × 991	144	203	257	449
66 "	1341 × 1006	151	210	261	453
67 "	1361 × 1021	159	218	264	457
68 "	1382 × 1036	166	225	268	461
69 "	1402 × 1052	173	232	272	464
70 "	1422 × 1067	181	240	276	468
71 "	1443 × 1082	188	247	280	472
72 "	1463 × 1097	195	254	284	476
73 "	1483 × 1113	203	262	287	480
74 "	1504 × 1128	210	269	291	483
75 "	1524 × 1143	218	276	295	487
76 "	1544 × 1158	225	284	299	491
77 "	1565 × 1173	232	291	303	495
78 "	1585 × 1189	240	298	306	499
79 "	1605 × 1204	247	306	310	502

S		a	b	c	d
80 "	1626 × 1219	254	313	314	506
81 "	1646 × 1234	262	320	318	510
82 "	1666 × 1250	269	328	322	514
83 "	1687 × 1265	276	335	325	518
84 "	1707 × 1280	284	343	329	521
85 "	1727 × 1295	291	350	333	525
86 "	1748 × 1311	298	357	337	529
87 "	1768 × 1326	306	365	341	533
88 "	1788 × 1341	313	372	344	537
89 "	1808 × 1356	320	379	348	540
90 "	1829 × 1372	328	300	352	544
91 "	1849 × 1387	335	307	356	548
92 "	1869 × 1402	343	314	360	552
93 "	1890 × 1417	350	322	363	556
94 "	1910 × 1433	357	329	367	559
95 "	1930 × 1448	365	336	371	563
96 "	1951 × 1463	372	344	375	567
97 "	1971 × 1478	379	351	379	571
98 "	1991 × 1494	387	358	382	575

16:10 projected image

[Unit: mm]

S		a	b	c	d
65 "	1400 × 875	88	147	228	420
66 "	1422 × 888	95	154	231	424
67 "	1443 × 902	101	160	235	427
68 "	1465 × 915	108	167	238	430
69 "	1486 × 929	114	173	241	434
70 "	1508 × 942	121	180	245	437
71 "	1529 × 956	127	186	248	440
72 "	1551 × 969	134	193	252	444
73 "	1572 × 983	140	199	255	447
74 "	1594 × 996	147	206	258	450
75 "	1615 × 1010	153	212	262	454
76 "	1637 × 1023	160	219	265	457
77 "	1659 × 1037	166	225	268	461
78 "	1680 × 1050	173	232	272	464
79 "	1702 × 1063	179	238	275	467
80 "	1723 × 1077	186	244	278	471
81 "	1745 × 1090	192	251	282	474
82 "	1766 × 1104	199	257	285	477
83 "	1788 × 1117	205	264	289	481
84 "	1809 × 1131	212	270	292	484
85 "	1831 × 1144	218	277	295	487
86 "	1852 × 1158	225	283	299	491
87 "	1874 × 1171	231	290	302	494
88 "	1895 × 1185	238	296	305	498
89 "	1917 × 1198	244	303	309	501

S		a	b	c	d
90 "	1939 × 1212	251	222	312	504
91 "	1960 × 1225	257	229	315	508
92 "	1982 × 1239	264	235	319	511
93 "	2003 × 1252	270	242	322	514
94 "	2025 × 1265	277	248	325	518
95 "	2046 × 1279	283	255	329	521
96 "	2068 × 1292	290	261	332	524
97 "	2089 × 1306	296	268	336	528
98 "	2111 × 1319	303	274	339	531
99 "	2132 × 1333	309	281	342	534
100 "	2154 × 1346	316	287	346	538

16:6 projected image

[Unit: mm]

S		a	b	c1	d1	c2	d2
60 "	1427 × 535	53	112	344	536	210	402
61 "	1451 × 544	60	119	349	542	213	406
62 "	1475 × 553	66	125	355	547	217	409
63 "	1498 × 562	73	132	360	553	220	412
64 "	1522 × 571	79	138	366	558	223	416
65 "	1546 × 580	86	144	372	564	227	419
66 "	1570 × 589	92	151	377	569	230	422
67 "	1593 × 598	98	157	383	575	233	426
68 "	1617 × 606	105	164	388	581	237	429
69 "	1641 × 615	111	170	394	586	240	432
70 "	1665 × 624	118	177	399	592	243	436
71 "	1689 × 633	124	183	405	597	247	439
72 "	1712 × 642	131	190	411	603	250	442
73 "	1736 × 651	137	196	416	608	253	446
74 "	1760 × 660	144	203	422	614	257	449
75 "	1784 × 669	150	209	427	619	260	452
76 "	1807 × 678	157	215	433	625	263	456
77 "	1831 × 687	163	222	438	631	267	459
78 "	1855 × 696	169	228	444	636	270	462
79 "	1879 × 705	176	235	450	642	273	466
80 "	1903 × 713	182	241	455	647	277	469
81 "	1926 × 722	189	248	461	653	280	472
82 "	1950 × 731	195	254	466	658	283	476
83 "	1974 × 740	202	261	472	664	287	479
84 "	1998 × 749	208	267	477	670	290	482
85 "	2022 × 758	215	274	483	675	293	486

S		a	b	c1	d1	c2	d2
86 "	2045 × 767	221	280	489	681	297	489
87 "	2069 × 776	228	286	494	686	300	492
88 "	2093 × 785	234	293	500	692	303	496
89 "	2117 × 794	240	299	505	697	307	499
90 "	2140 × 803	247	219	511	703	310	502
91 "	2164 × 812	253	225	516	709	313	506
92 "	2188 × 821	260	232	522	714	317	509
93 "	2212 × 829	266	238	528	720	320	512
94 "	2236 × 838	273	245	533	725	324	516
95 "	2259 × 847	279	251	539	731	327	519
96 "	2283 × 856	286	258	544	736	330	522
97 "	2307 × 865	292	264	550	742	334	526
98 "	2331 × 874	299	270	555	748	337	529
99 "	2354 × 883	305	277	561	753	340	532
100 "	2378 × 892	311	283	567	759	344	536
101 "	2402 × 901	318	290	572	764	347	539
102 "	2426 × 910	324	296	578	770	350	542
103 "	2450 × 919	331	303	583	775	354	546
104 "	2473 × 928	337	309	589	781	357	549
105 "	2497 × 936	344	316	594	787	360	552
106 "	2521 × 945	350	322	600	792	364	556
107 "	2545 × 954	357	329	605	798	367	559
108 "	2569 × 963	363	335	611	803	370	562
109 "	2592 × 972	370	341	617	809	374	566
110 "	2616 × 981	376	348	622	814	377	569

EB-725Wi

16:10 projected image

[Unit: mm]

S		a	b	c	d
65 "	1400 × 875	69	128	192	384
66 "	1422 × 888	75	134	195	387
67 "	1443 × 902	81	140	198	390
68 "	1465 × 915	87	146	200	393
69 "	1486 × 929	94	152	203	395
70 "	1508 × 942	100	159	206	398
71 "	1529 × 956	106	165	209	401
72 "	1551 × 969	112	171	212	404
73 "	1572 × 983	118	177	214	407
74 "	1594 × 996	124	183	217	409
75 "	1615 × 1010	131	190	220	412
76 "	1637 × 1023	137	196	223	415
77 "	1659 × 1037	143	202	226	418
78 "	1680 × 1050	149	208	228	421
79 "	1702 × 1063	155	214	231	423
80 "	1723 × 1077	162	220	234	426
81 "	1745 × 1090	168	227	237	429
82 "	1766 × 1104	174	233	240	432
83 "	1788 × 1117	180	239	242	435
84 "	1809 × 1131	186	245	245	437
85 "	1831 × 1144	192	251	248	440
86 "	1852 × 1158	199	258	251	443
87 "	1874 × 1171	205	264	254	446
88 "	1895 × 1185	211	270	256	449
89 "	1917 × 1198	217	276	259	451

S		a	b	c	d
90 "	1939 × 1212	223	195	262	454
91 "	1960 × 1225	230	201	265	457
92 "	1982 × 1239	236	208	268	460
93 "	2003 × 1252	242	214	271	463
94 "	2025 × 1265	248	220	273	466
95 "	2046 × 1279	254	226	276	468
96 "	2068 × 1292	260	232	279	471
97 "	2089 × 1306	267	238	282	474
98 "	2111 × 1319	273	245	285	477
99 "	2132 × 1333	279	251	287	480
100 "	2154 × 1346	285	257	290	482

4:3 projected image

[Unit: mm]

S		a	b	c	d
58 "	1179 × 884	73	132	194	386
59 "	1199 × 899	80	139	197	389
60 "	1219 × 914	87	146	200	392
61 "	1240 × 930	94	153	203	396
62 "	1260 × 945	101	160	207	399
63 "	1280 × 960	108	167	210	402
64 "	1300 × 975	115	174	213	405
65 "	1321 × 991	122	181	216	408
66 "	1341 × 1006	129	188	219	411
67 "	1361 × 1021	136	195	222	415
68 "	1382 × 1036	143	202	226	418
69 "	1402 × 1052	150	209	229	421
70 "	1422 × 1067	157	216	232	424
71 "	1443 × 1082	164	223	235	427
72 "	1463 × 1097	171	230	238	430
73 "	1483 × 1113	178	237	241	434
74 "	1504 × 1128	185	244	245	437
75 "	1524 × 1143	192	251	248	440
76 "	1544 × 1158	199	258	251	443
77 "	1565 × 1173	206	265	254	446
78 "	1585 × 1189	213	272	257	450
79 "	1605 × 1204	220	279	261	453

S		a	b	c	d
80 "	1626 × 1219	227	286	264	456
81 "	1646 × 1234	234	293	267	459
82 "	1666 × 1250	241	300	270	462
83 "	1687 × 1265	248	307	273	465
84 "	1707 × 1280	255	314	276	469
85 "	1727 × 1295	262	321	280	472
86 "	1748 × 1311	269	328	283	475
87 "	1768 × 1326	276	335	286	478
88 "	1788 × 1341	283	342	289	481
89 "	1808 × 1356	290	349	292	484
90 "	1829 × 1372	297	269	295	488
91 "	1849 × 1387	304	276	299	491
92 "	1869 × 1402	311	283	302	494
93 "	1890 × 1417	318	290	305	497
94 "	1910 × 1433	325	297	308	500
95 "	1930 × 1448	332	304	311	504
96 "	1951 × 1463	339	311	314	507
97 "	1971 × 1478	346	318	318	510
98 "	1991 × 1494	353	325	321	513
99 "	2012 × 1509	360	332	324	516
100 "	2032 × 1524	367	339	327	519

16:9 projected image

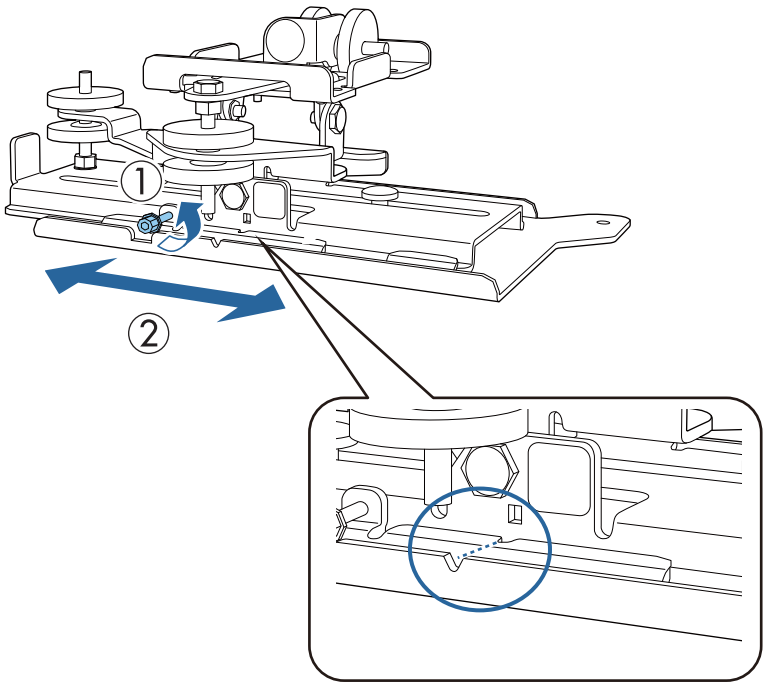
[Unit: mm]

S		a	b	c	d
64 "	1417 × 797	74	133	238	431
65 "	1439 × 809	80	139	242	434
66 "	1461 × 822	86	145	246	438
67 "	1483 × 834	93	152	249	441
68 "	1505 × 847	99	158	253	445
69 "	1528 × 859	105	164	256	448
70 "	1550 × 872	112	171	260	452
71 "	1572 × 884	118	177	263	456
72 "	1594 × 897	125	183	267	459
73 "	1616 × 909	131	190	271	463
74 "	1638 × 921	137	196	274	466
75 "	1660 × 934	144	202	278	470
76 "	1682 × 946	150	209	281	474
77 "	1705 × 959	156	215	285	477
78 "	1727 × 971	163	221	288	481
79 "	1749 × 984	169	228	292	484
80 "	1771 × 996	175	234	296	488
81 "	1793 × 1009	182	241	299	491
82 "	1815 × 1021	188	247	303	495
83 "	1837 × 1034	194	253	306	499
84 "	1860 × 1046	201	260	310	502
85 "	1882 × 1058	207	266	313	506
86 "	1904 × 1071	213	272	317	509
87 "	1926 × 1083	220	279	321	513
88 "	1948 × 1096	226	285	324	516
89 "	1970 × 1108	232	291	328	520

S		a	b	c	d
90 "	1992 × 1121	239	211	331	524
91 "	2015 × 1133	245	217	335	527
92 "	2037 × 1146	252	223	339	531
93 "	2059 × 1158	258	230	342	534
94 "	2081 × 1171	264	236	346	538
95 "	2103 × 1183	271	242	349	541
96 "	2125 × 1195	277	249	353	545
97 "	2147 × 1208	283	255	356	549
98 "	2170 × 1220	290	262	360	552
99 "	2192 × 1233	296	268	364	556
100 "	2214 × 1245	302	274	367	559

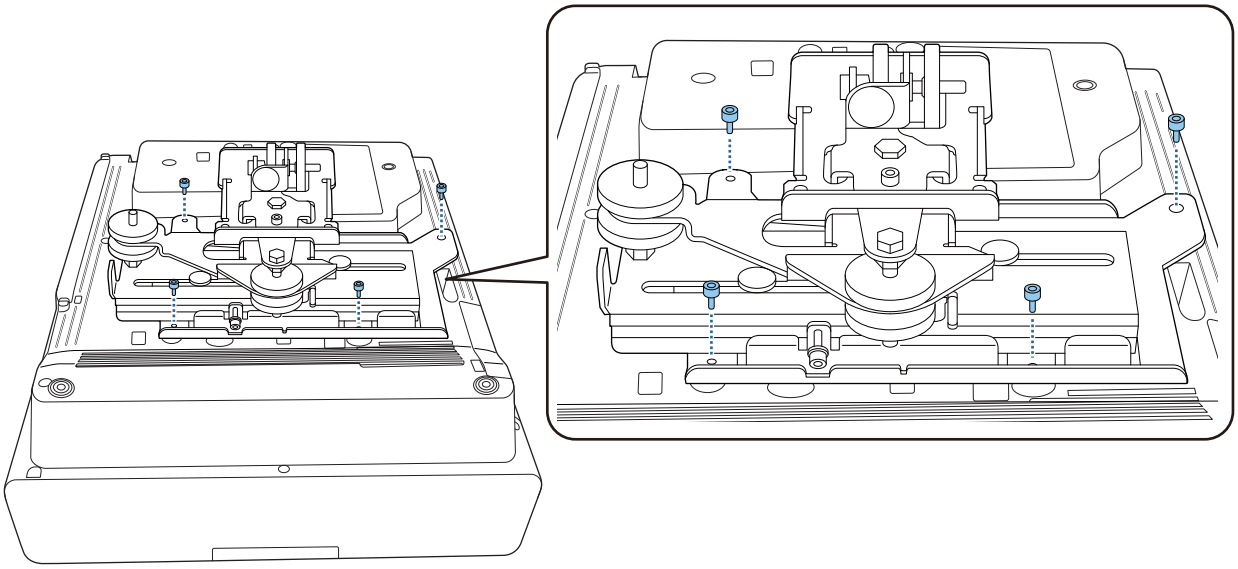
Attaching the adjustment unit to the projector

1 Loosen the M4 bolt on the adjustment unit, and then align the marks for each part



When the position is correct, tighten the M4 bolt.

2 Secure the adjustment unit to the base of the projector with the M4 x 12 mm bolts (x4) supplied

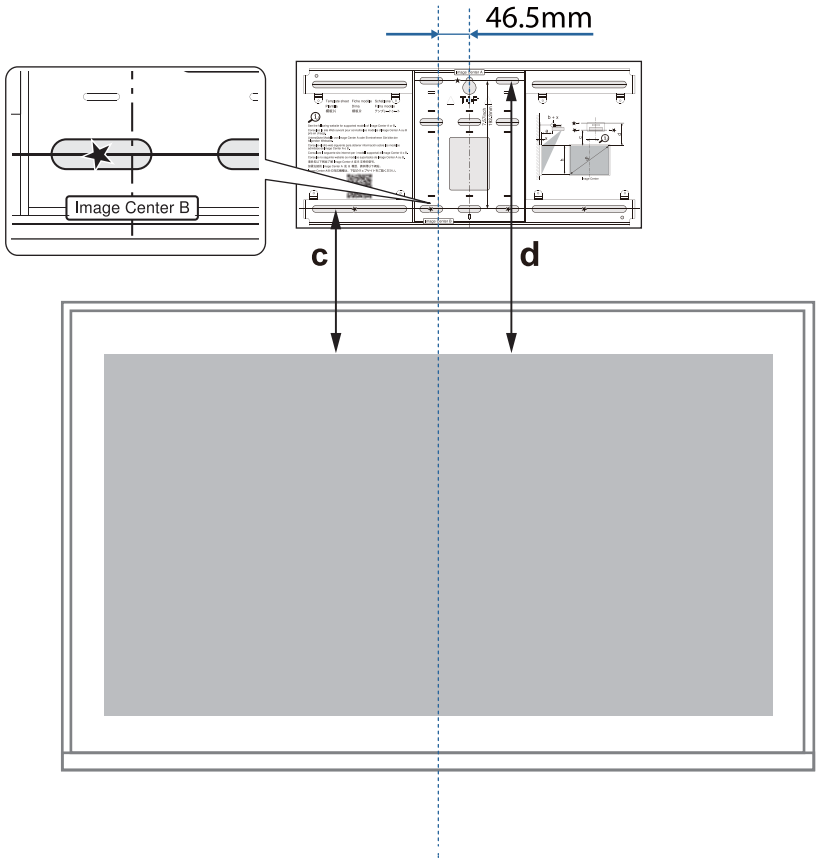


Install the wall plate on the wall

1 Attach the template sheet to the wall

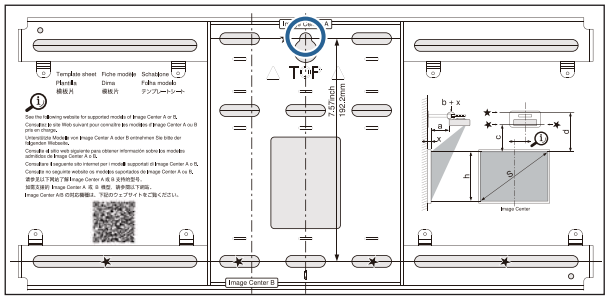
Attach the template sheet according to the installation position that you confirmed using the projection distance table (p.29).

Align the center position of the screen being projected with Image Center B on the Template sheet.



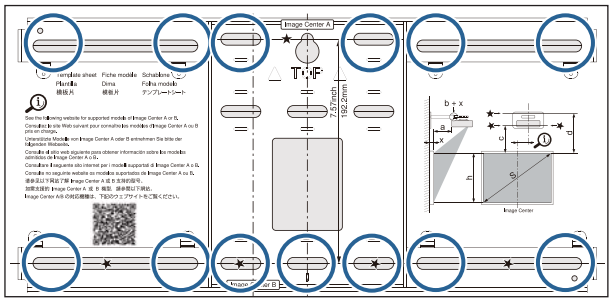
2 Drive a commercially available M10 screw into the position of the temporary screw hole for the wall plate

Leave a gap of 6 mm or more between the wall and the screw head.



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

From the screw holes shown in the figure below, secure at least four points for optimum balance.

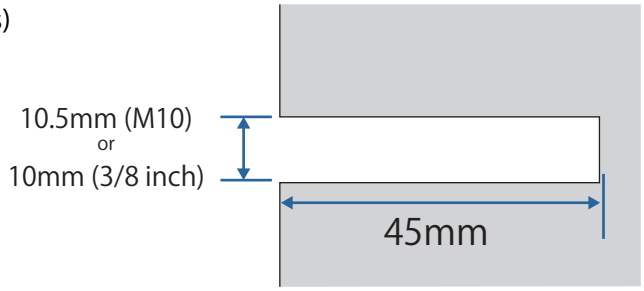


4 Drill the holes in the wall

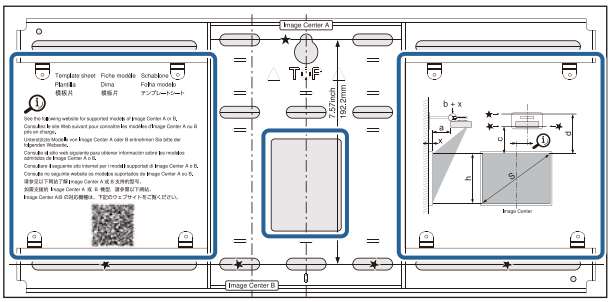
Drill diameter: 10.5 mm (M10) or 10 mm (3/8 inches)

Pilot hole depth: 45 mm

Anchor hole depth: 40 mm



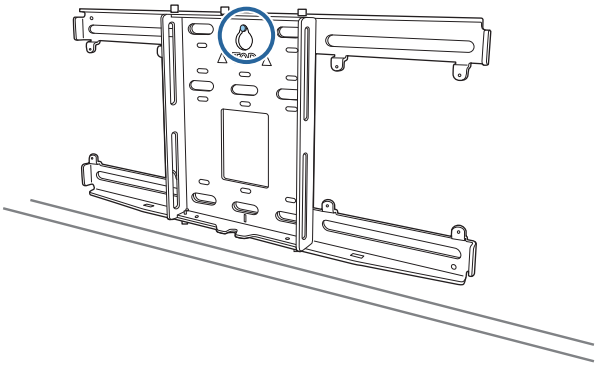
When routing cables to the projector through a wall, you can drill holes within the area shown in the figure below and use them as cable routing holes.



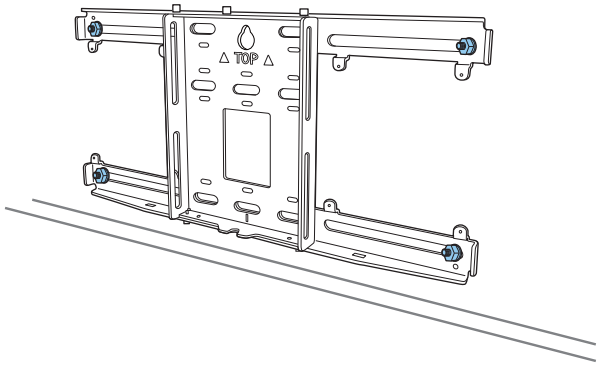
When installing a mini-PC or a stick PC, check the position at which the mini PC plate will be installed before drilling cable routing holes. (p.53)

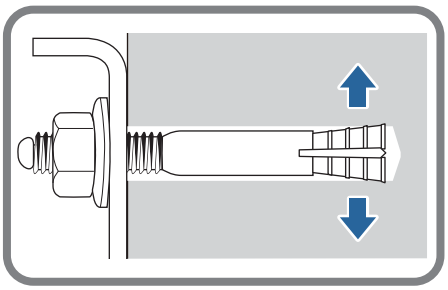
5 Remove the template sheet

6 Place the wall plate on the temporary M10 screw that you installed in step 2



7 Use commercially available M10 or 3/8 inch x 60 mm anchor bolts to secure the wall plate to the holes you drilled in step 4

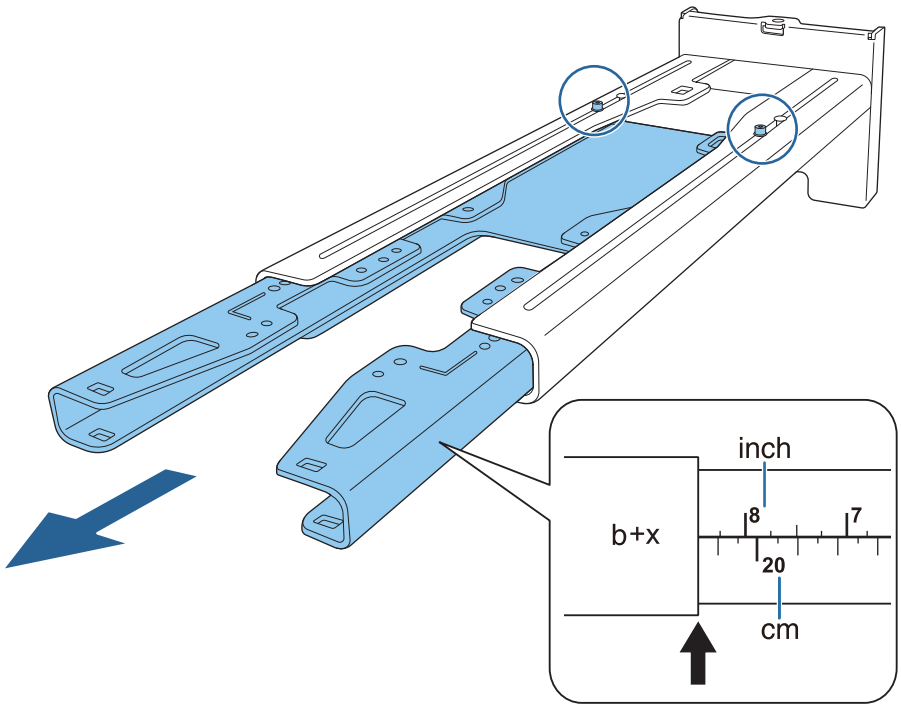




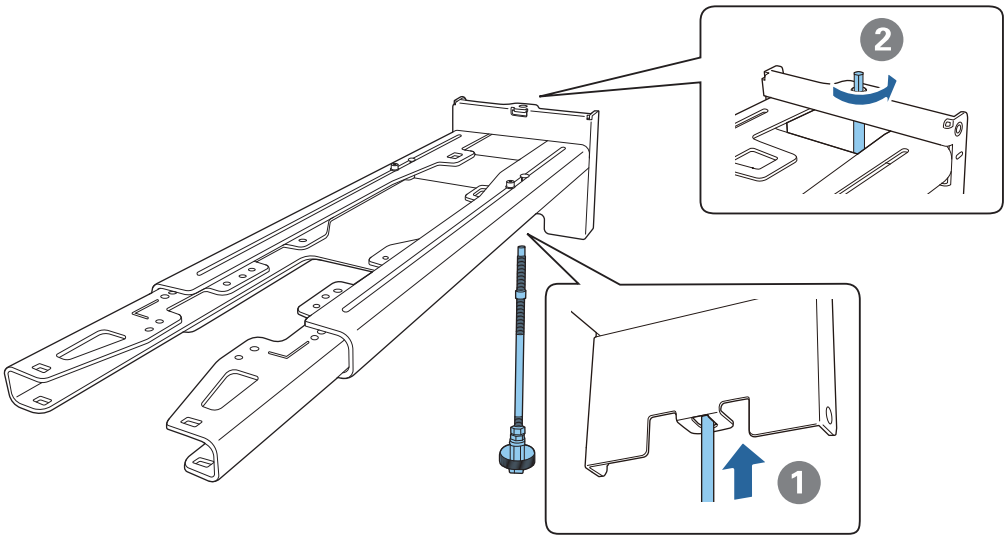
Attaching the setting plate to the wall plate

1 Loosen the M4 x 12 mm bolts (x2) and extend the arm slide on the setting plate

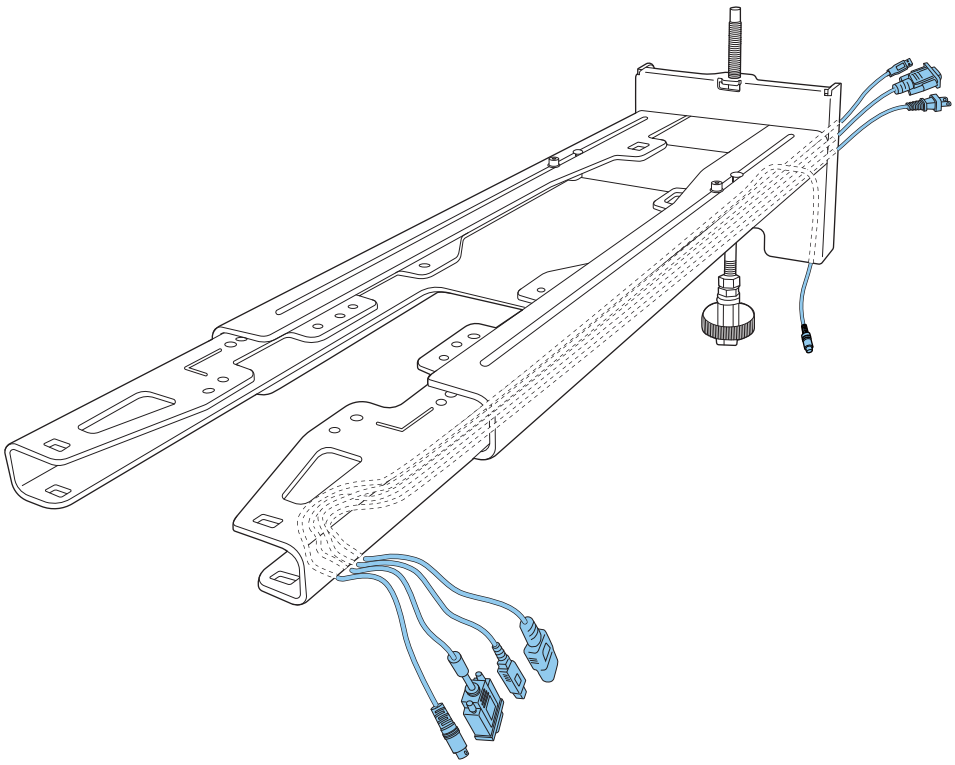
Adjust the scale on the slider to the combined distance of the value for (b) confirmed in the projection distance table (p.29) and the thickness of the projection surface (x).



2 Insert the hexagonal axis into the setting plate



3 Route the necessary cables through the setting plate



Warning

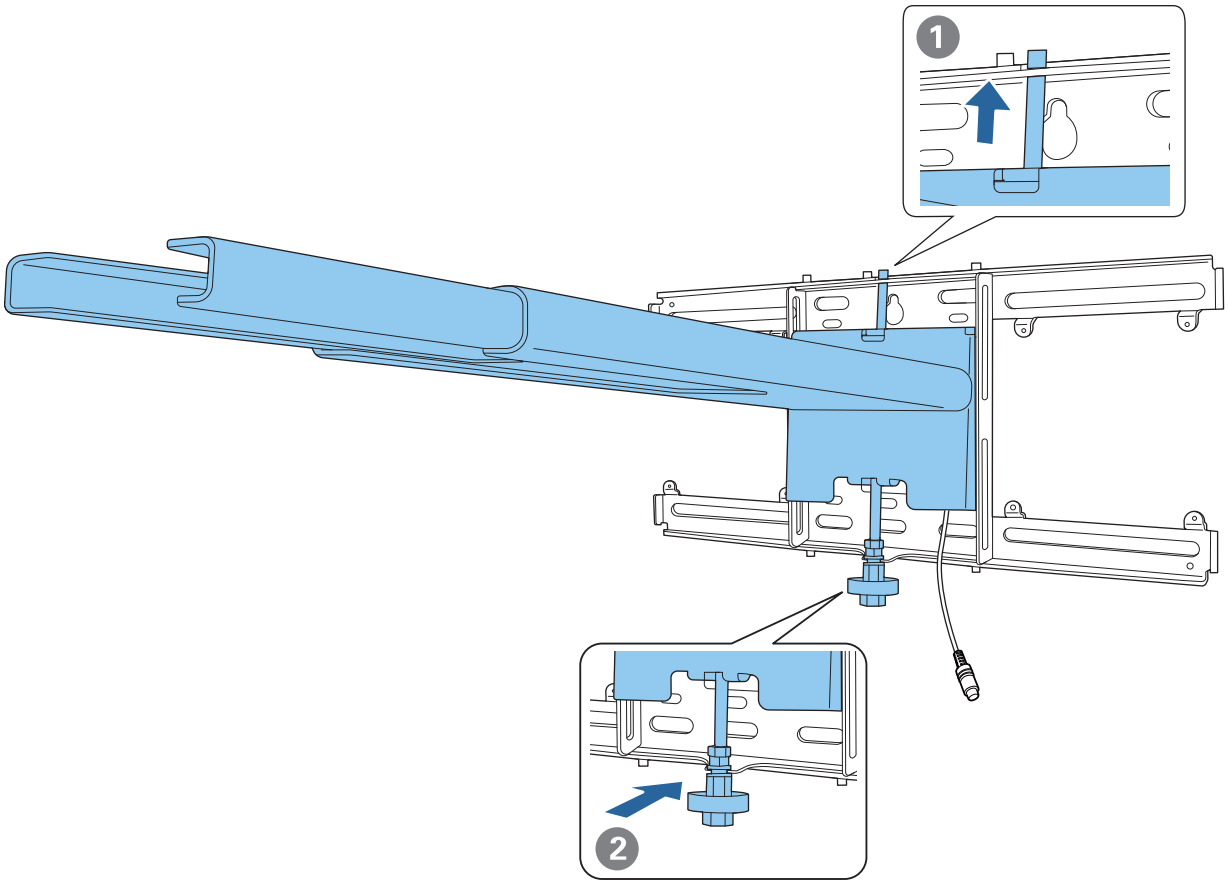
Do not hang the rest of the cable over the setting plate. They could fall and cause an accident.

The following connection ports should be routed so that they come out of the lower part of the setting plate and not through walls.

- Cable for connecting to the Touch Unit
- Cables for connecting to peripheral devices such as mini-PCs

4 Attach the setting plate to the wall plate

Insert the hexagonal axis until the tip extends slightly out of the top of the wall plate and the other end connects to the bottom of the wall plate.

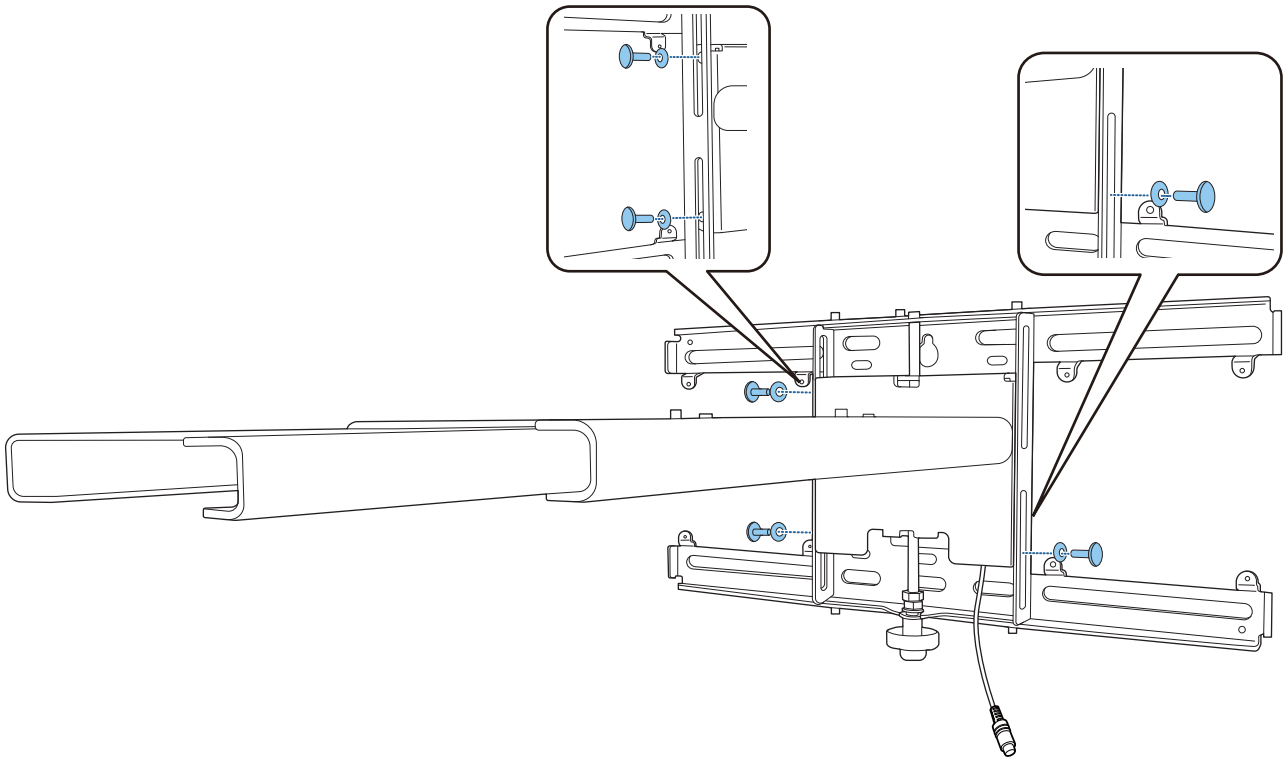


⚠ Caution

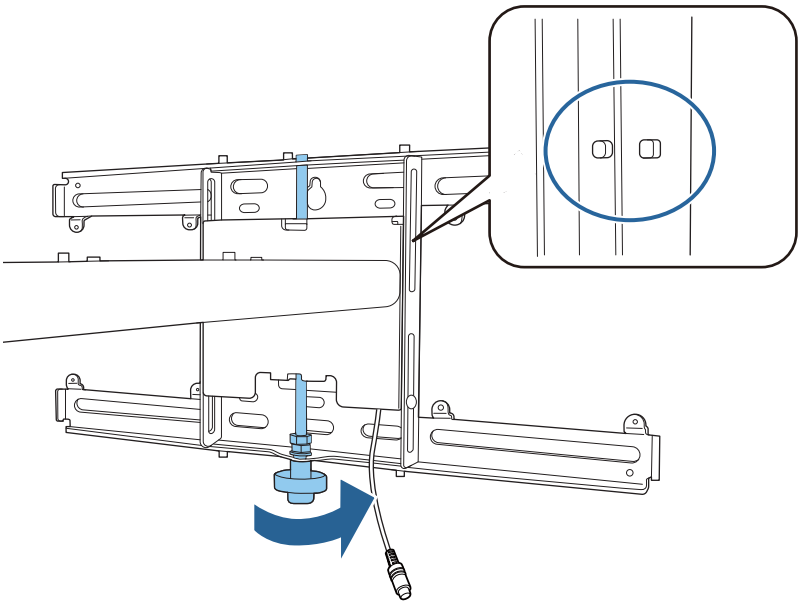
Take care not to trap the cables between the setting plate and wall plate.

5 Temporarily secure the setting plate

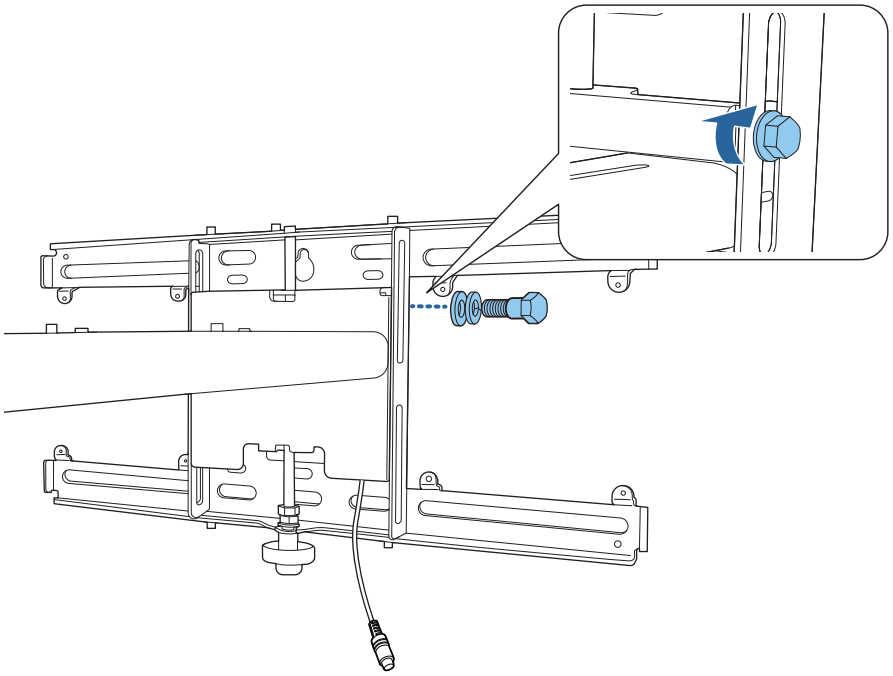
Secure three points with the M6 screws supplied (x3).



6 Rotate the bottom of the hexagonal axis with a 17 mm ratchet wrench to align the marks on the wall plate and the setting plate



7 Tighten the M6 bolt (x1) to secure the setting plate in position

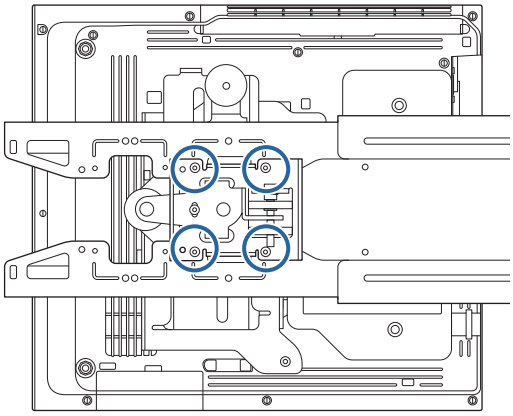


Attaching the adjustment unit to the setting plate

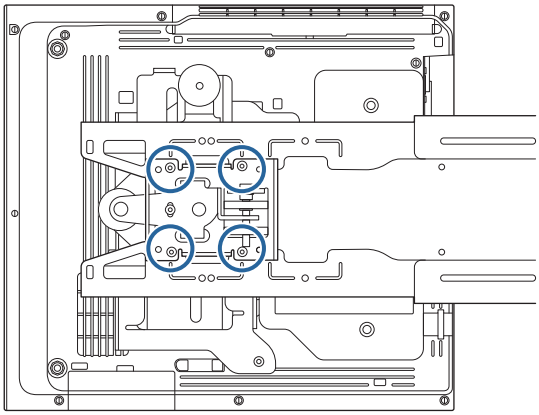
1 Check the installation position for the adjustment unit

The installation position is marked on the setting plate. Install at an appropriate position according to the size of the screen you want to project on to.

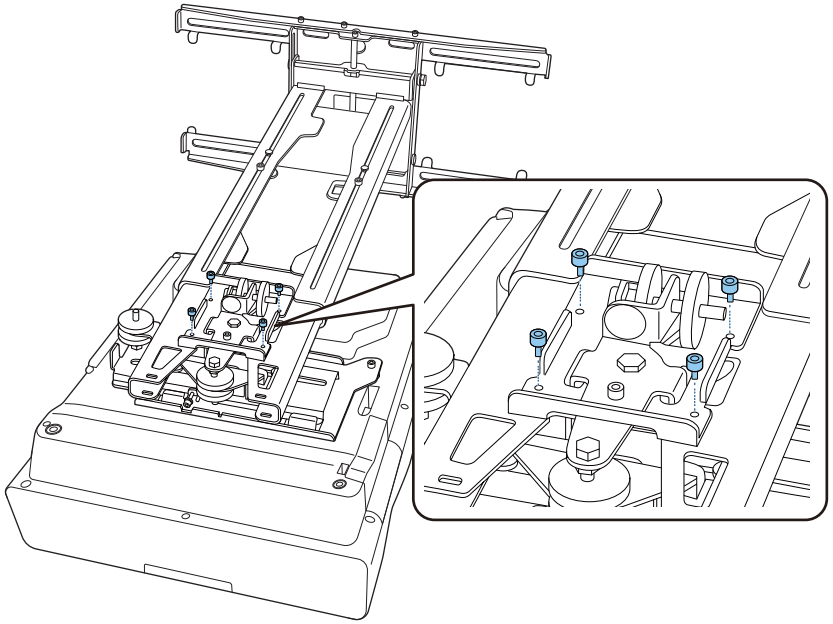
- When a projected image is smaller than 90 inches: Install the unit at the ◯ mark.



- When a projected image is 90 inches or more: Install the unit at the ◯ ◯ mark.



2 Attach the adjustment unit to the setting plate with the M4 x 12 mm bolts (x4) supplied



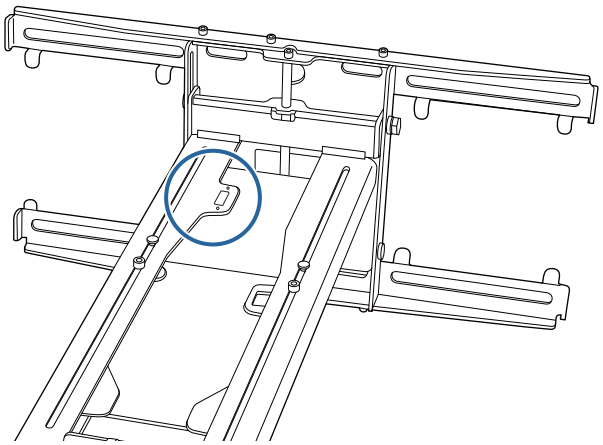
3 Connect the cables to the projector

Connect the power cord last.

Attaching peripheral devices

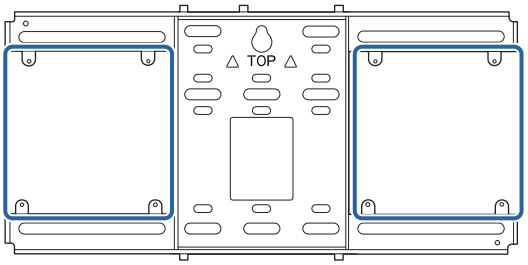
Attaching a switcher or a tuner

Use commercially available M4 screws to secure a switcher or a tuner to the screw holes as shown in the following figure.



Attaching a mini PC or stick PC

Attach the mini PC or stick PC to the mini PC plate, and secure it to the left or right side of the wall plate.

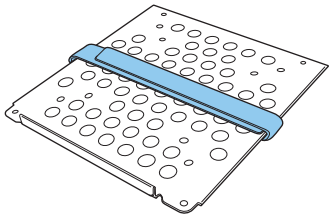


Attach it so that the air exhaust vents of the PC are not blocked.

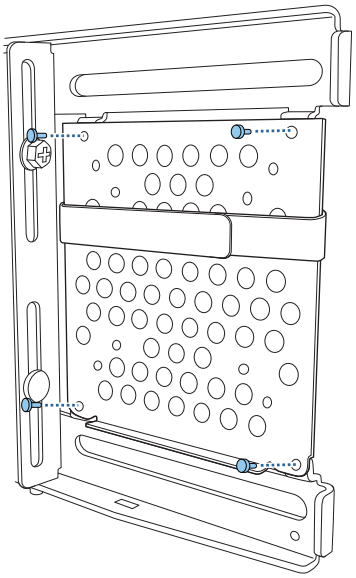
We recommend installing the PC so that the air exhaust vents are at the top and the air intake vents are at the bottom.

When securing with the mini PC belt

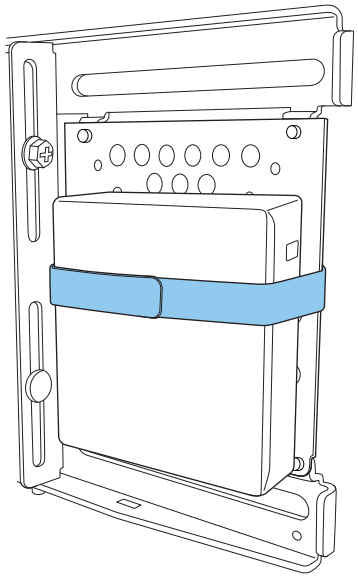
1 Wrap the belt around the mini PC plate



2 Secure the mini PC plate to the wall plate using the M3 x 6 mm screws (x4) supplied.



3 Place the PC on the lower edge of the mini PC plate, and secure it with the belt

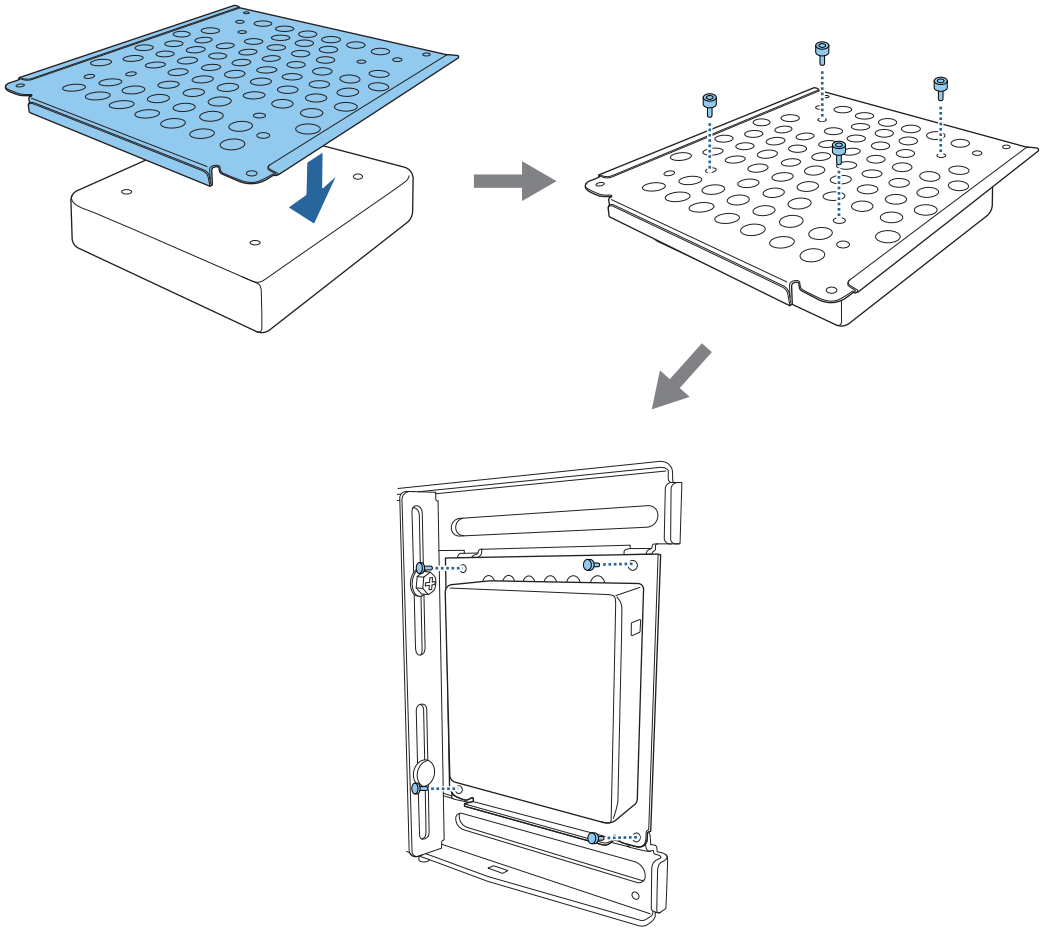


When securing with screws

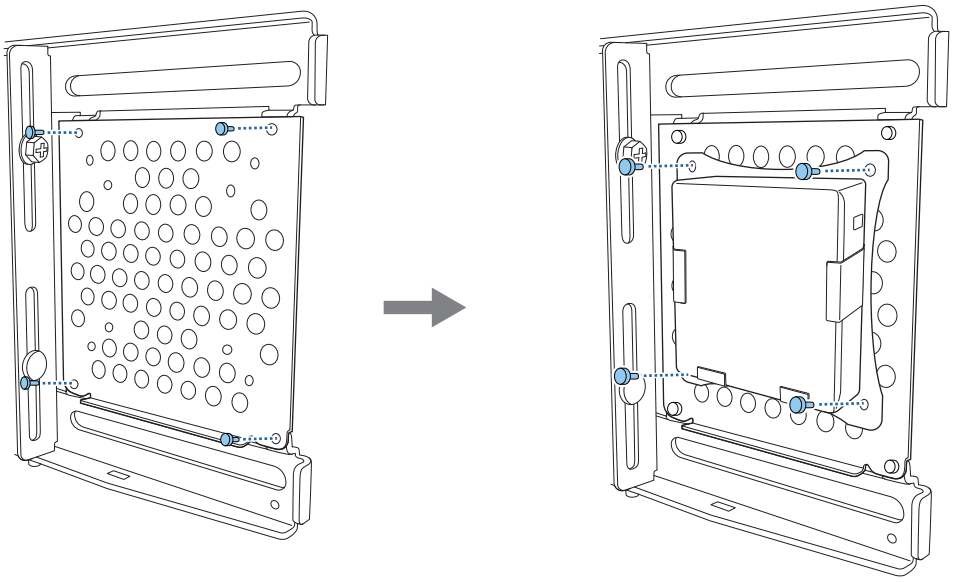
Depending on the shape of the mini PC and the orientation of the screw holes, the order in which parts are installed differs. Be sure to check the installation instructions in advance.

Installation example

- Secure the mini PC plate with the PC installed to the wall plate using the M3 x 6 mm screws (x4) supplied.



- Secure the mini PC plate to the wall plate using the M3 x 6 mm screws (x4) supplied, and then install the PC.



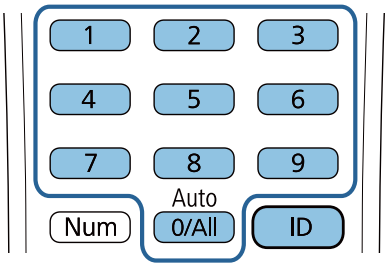
Adjusting the Position of the Projected Image

You can use any of the following methods to adjust the position of the projected image.

When multiple projectors are installed in the same room, we recommend that you set projector IDs to prevent remote control interference.

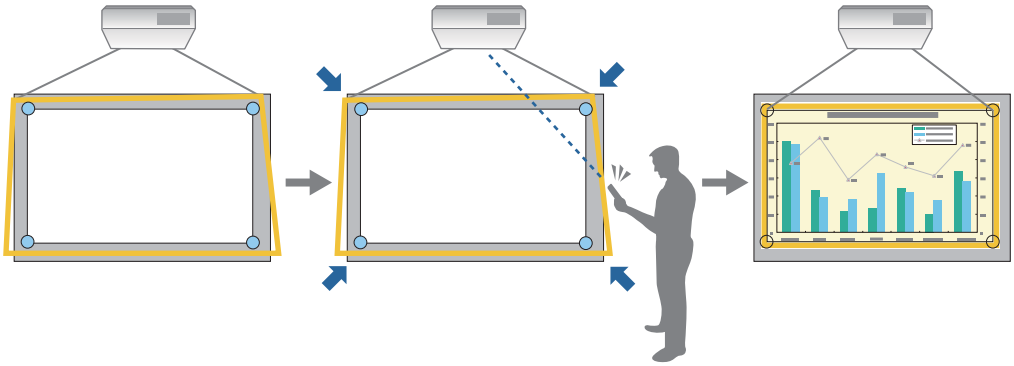
Turn on a projector and set the ID number for the projector in **Installation** > **Projector ID**.

When you want to operate a specific projector, hold down the [ID] button on the remote control and press the button with the same number as the projector ID.



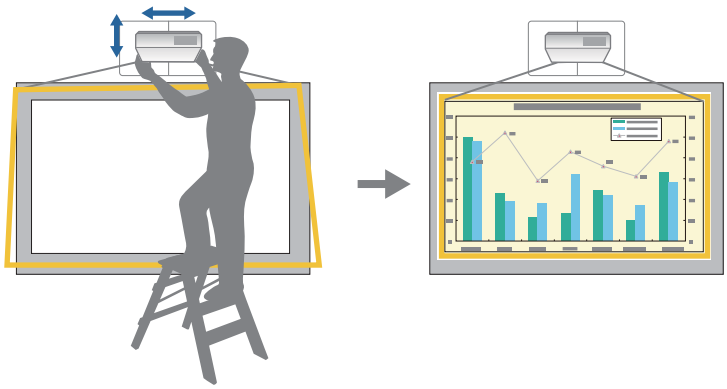
- Auto Screen Adjustment (p.59)

  Attach corner markers to the four corners of the projection position to automatically adjust the position of the image. This is useful when you want to perform an approximate adjustment to a specific position.



- Adjusting using the Setting Plate Installation Guide (p.63)

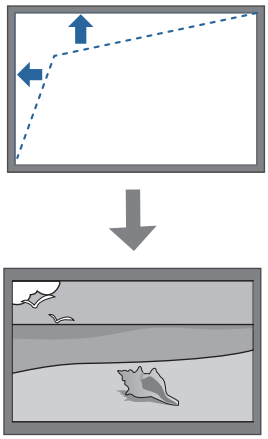
  Manually adjust the position of the setting plate according to the guide screen displayed. This is useful when you want to perform fine adjustments to the projection position while maintaining the image quality.



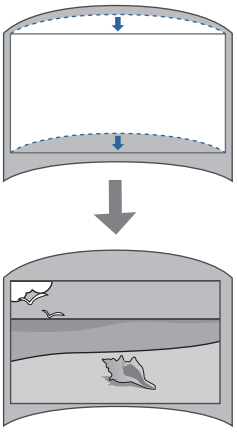
- Adjusting using the projector menus (p.66)

  Select the area you want to adjust and manually correct the image. This is useful when you want to make fine adjustments to the projection position after making mechanical adjustments using the guide screen.

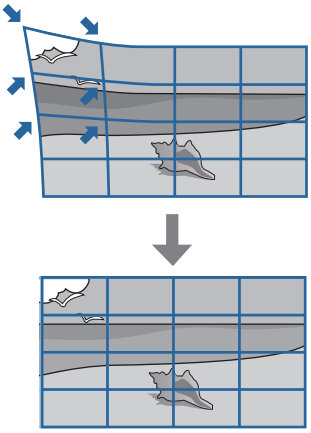
Quick Corner



Arc Correction



Point Correction

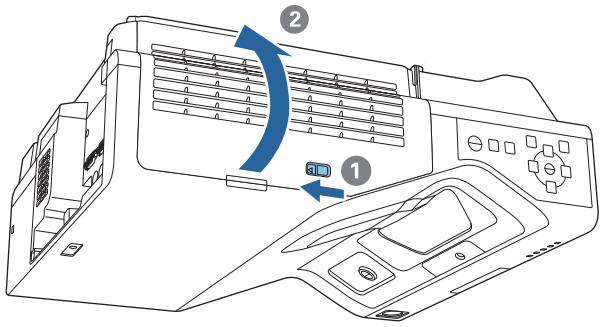


- Images are not stable immediately after turning on the projector. After starting projection, wait for at least 30 minutes before adjusting the image.
- Install and adjust the projector at a room temperature that is close to the actual intended usage environment. If the temperature changes, the position of the image may shift or the accuracy of the pen may decline.
- When setting up multiple projectors using the batch setup function, perform the batch setup before adjusting the projected image.
- We recommend the mechanical position adjustment of the setting plate to adjust the image when you want to maintain image quality.

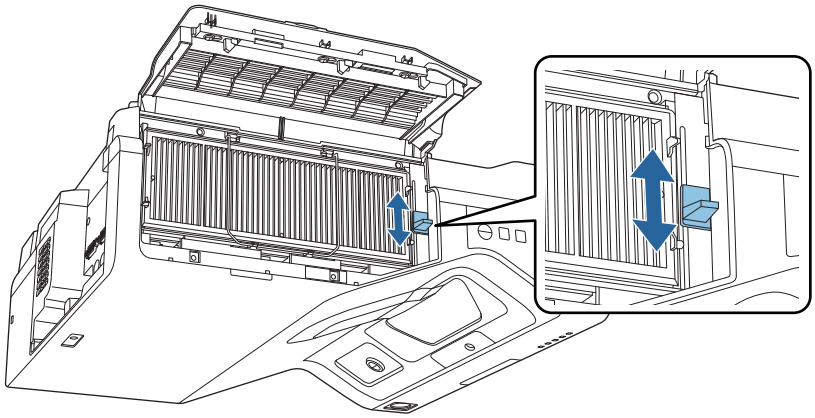
Preparations before adjusting

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

2 Open the air filter cover on the side of the projector

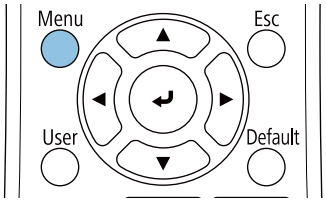


3 Use the focus lever to approximately focus the image

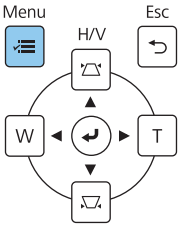


4 Press the [Menu] button

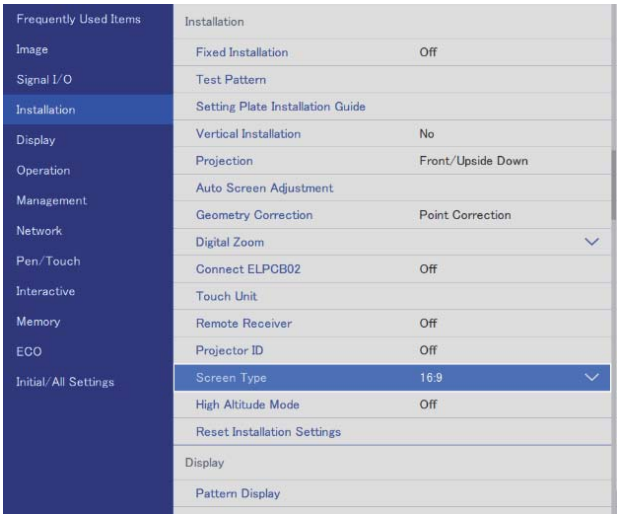
Using the Remote Control



Using the Control Panel



5 Select **Screen Type** from the **Installation** menu to set the aspect ratio of the projected image



6 Change the aspect ratio if necessary

Project images from a connected device, and then press the [Aspect] button on the remote control.

Each time you press the button, you see the aspect name on the screen and the aspect ratio changes.

> The aspect ratio does not change when no images are being projected from the connected device.

Auto Screen Adjustment

Attach corner markers to the four corners of the projection position to automatically adjust the position of the image.

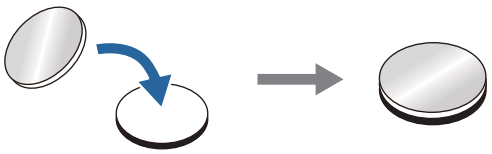
Auto Screen Adjustment works correctly under the following conditions.

- Projection size: 100 inches or less
- Projector direction: Within 1° up, down, left, or right

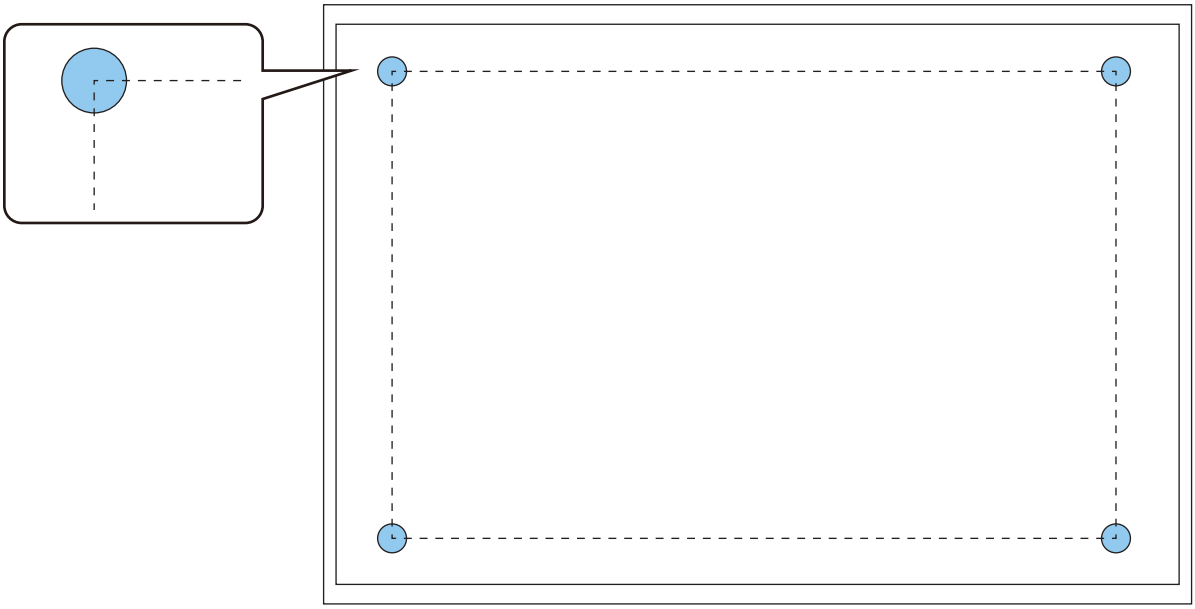
> - Auto Screen Adjustment may not work properly depending on the surface of the projected screen. The following conditions are necessary to perform Auto Screen Adjustment.
>   - A flat projection surface
>   - No patterns, dirt, or obstacles on the projection surface
> - Before performing the Auto Screen Adjustment, set the Screen Type setting first. If you change the Screen Type after performing Auto Screen Adjustment, the adjustments will be reset.

1 Place the corner markers at the four corners of the position you want to project to

- Corner markers cannot be placed again. We recommend marking the position where you want to place the markers in advance.
- If you want to replace markers repeatedly, stick them onto the magnetic sheet supplied.

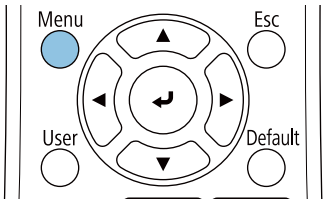


Place the markers so that the corners of the projection position overlap with the center of the corner markers.

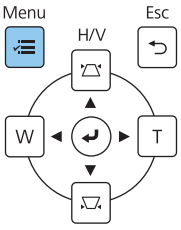


2 Press the [Menu] button

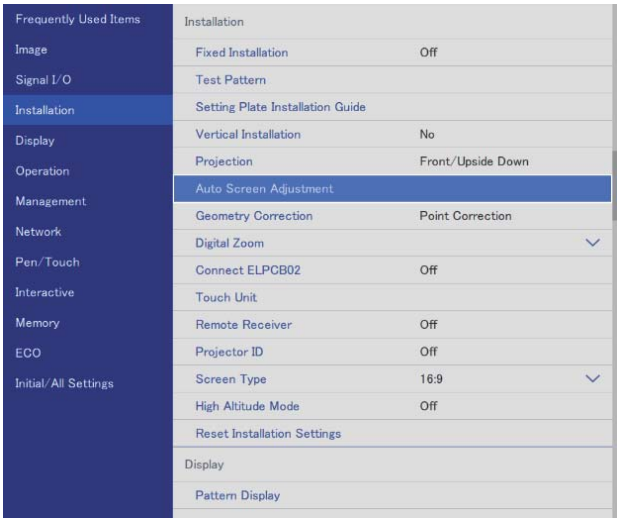
Using the Remote Control



Using the Control Panel

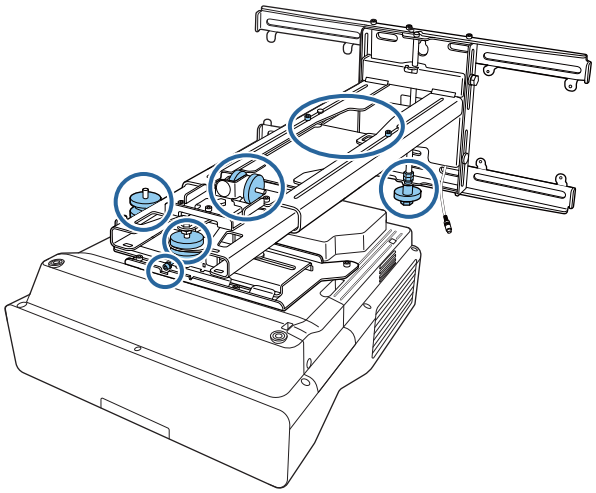


3 Select **Auto Screen Adjustment** from the **Installation** menu



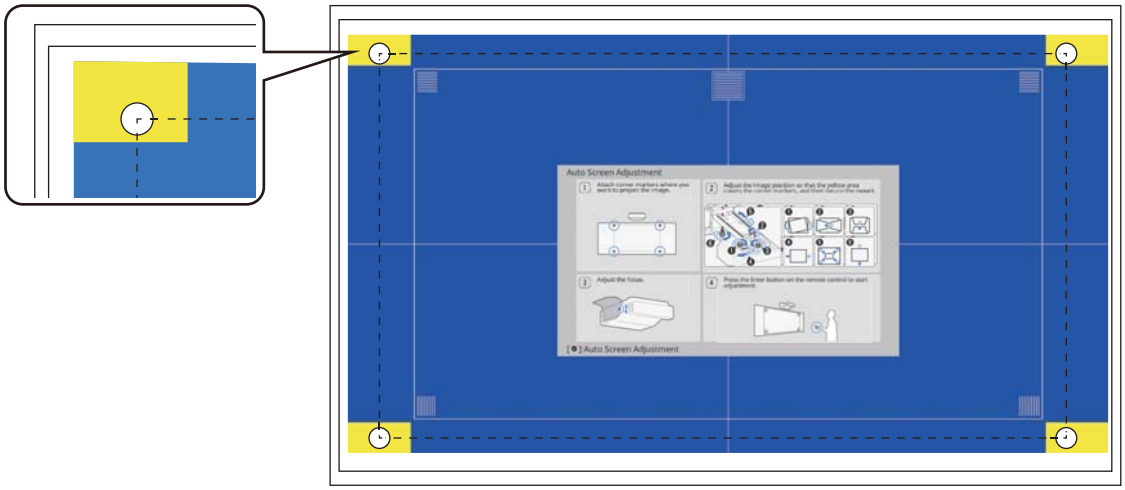
You see the guidance screen for Auto Screen Adjustment.

4 Loosen all of the adjustment dials and adjustment screws

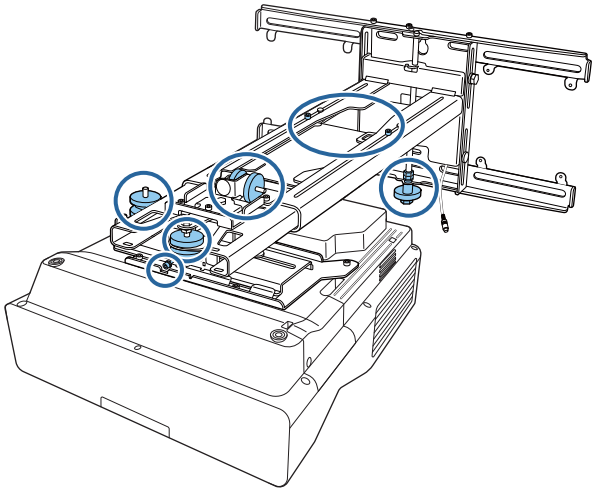


5 Move the projector to adjust the position of the image so that the yellow areas at the four corners of the guidance screen overlap with the corner markers

Make sure that all of the corner markers are within the yellow areas.

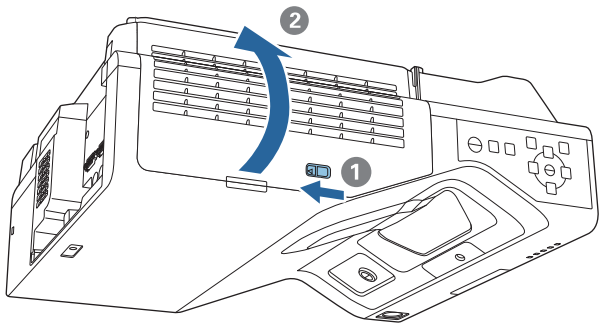


6 When you determine the position, tighten all of the adjustment dials and adjustment screws that you loosened in step 4

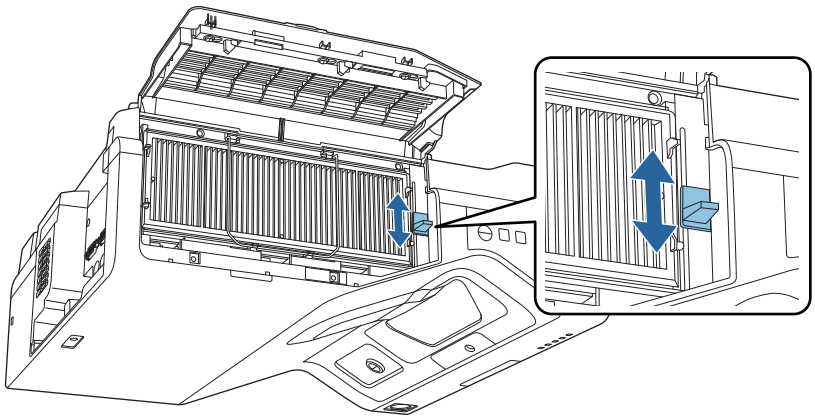


> **Warning**
>
> Tighten all bolts and screws firmly. Otherwise, the product may fall and cause personal injury or property damage.

7 Open the air filter cover on the side of the projector



8 Use the focus lever to approximately focus the image



9 Press the [Enter] button to start auto adjustment

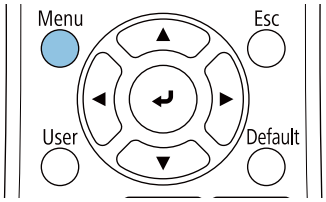
When auto adjustment is complete, use Quick Corner (p.68) to make further adjustments. Using Arc Correction or Point Correction returns the image to the status before auto correction was performed.

Performing mechanical adjustment using the Setting Plate Installation Guide

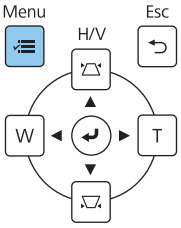
Use the guidance screen to adjust the position of the image.

1 Press the [Menu] button

Using the Remote Control



Using the Control Panel

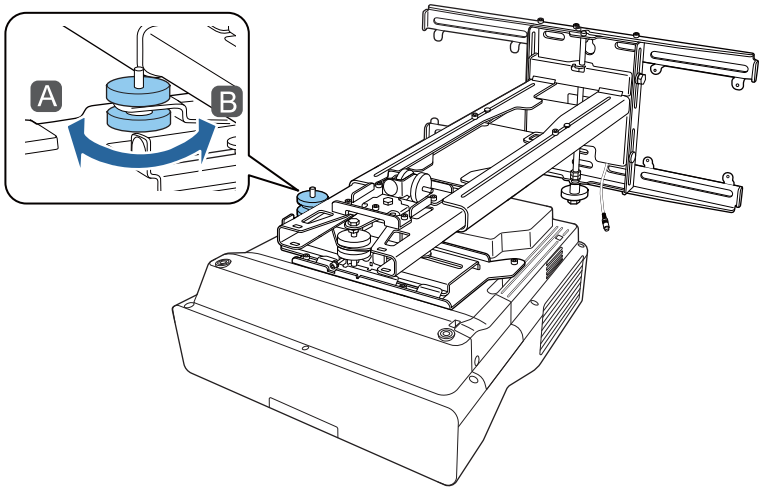


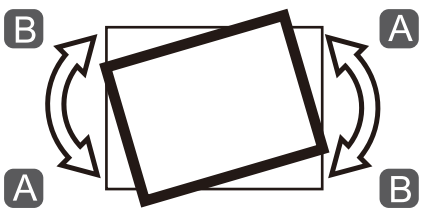
2 Select **Setting Plate Installation Guide** from the **Installation** menu



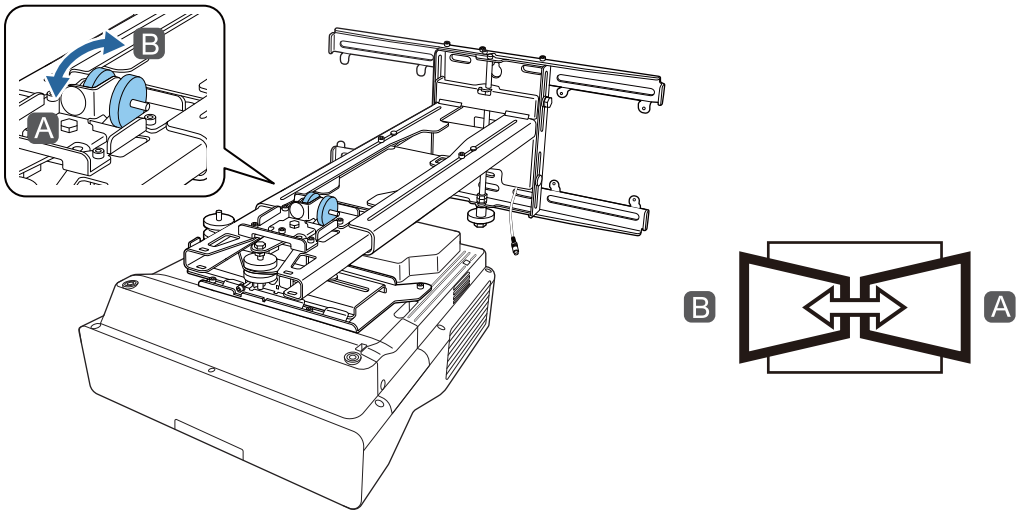
You see the guidance screen.

3 Turn the adjustment dial ① in the installation guide to adjust the horizontal roll

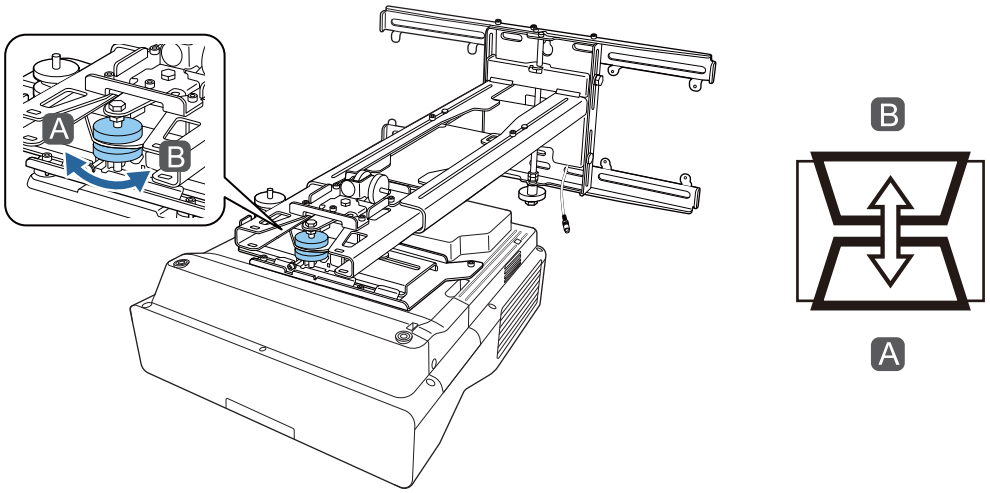




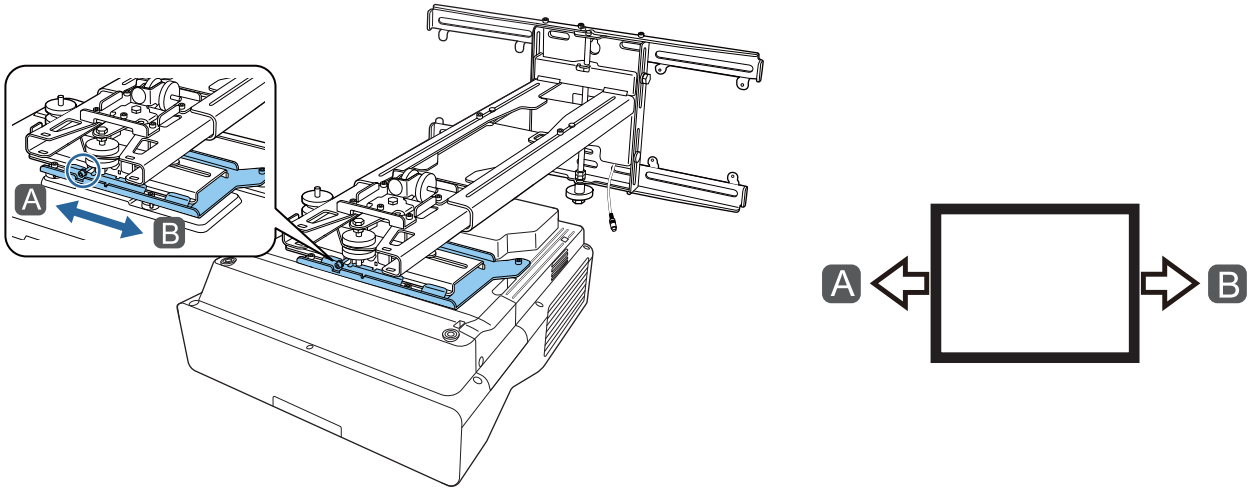
4 Turn the adjustment dial ② in the installation guide to adjust the horizontal rotation



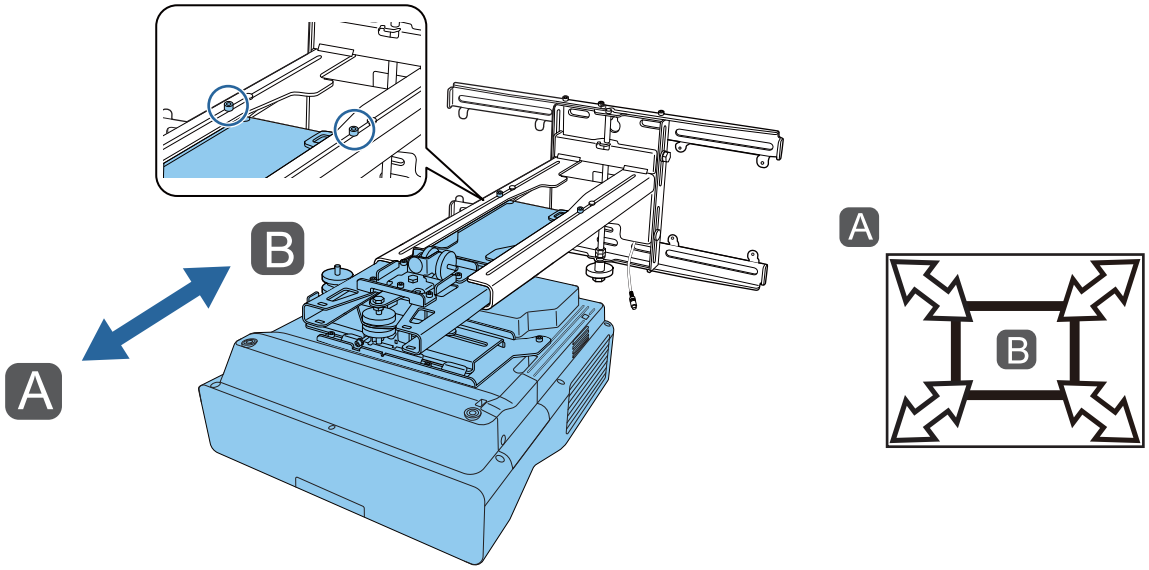
5 Turn the adjustment dial ③ in the installation guide to adjust the vertical tilt



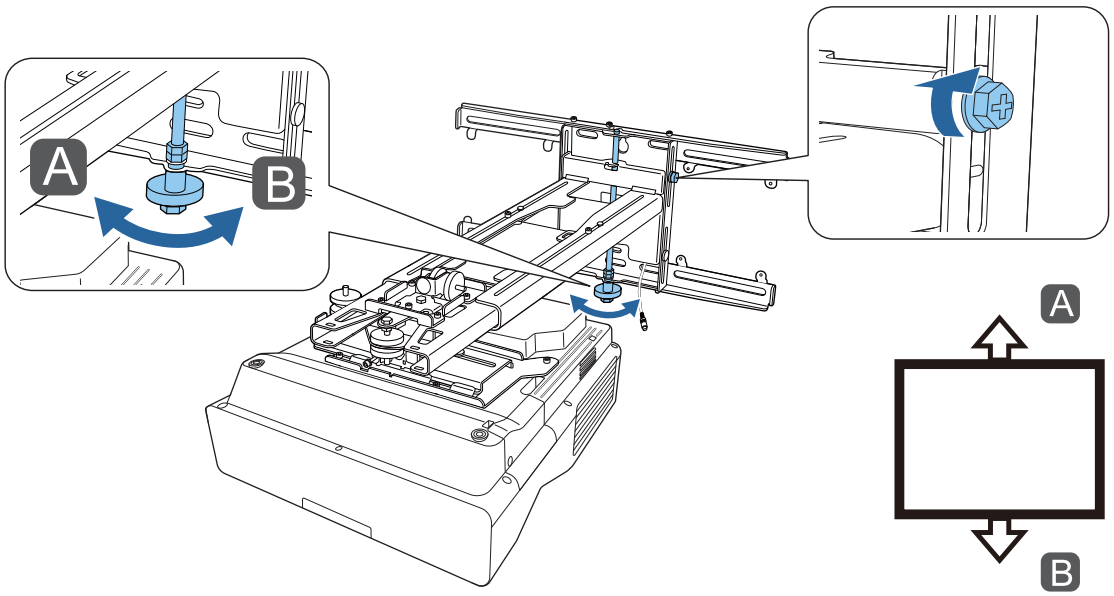
6 Loosen the M4 bolt, and then adjust the horizontal slide



7 Loosen the M4 bolts (x2), and then adjust the forward/backward slide



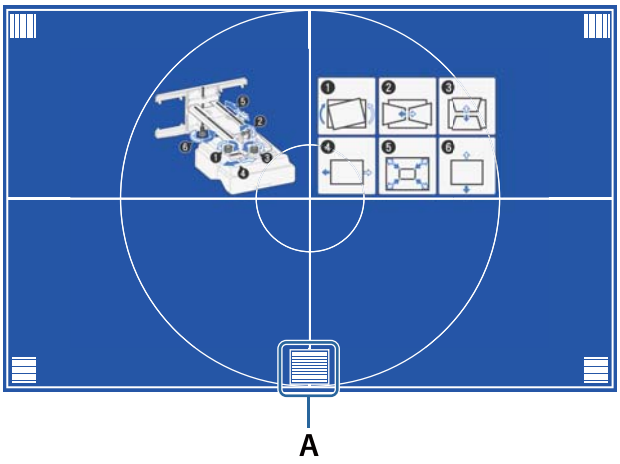
8 Loosen the M6 bolt, and then adjust the vertical slide



9 Re-tighten the screws and bolts that you loosened in steps 3 to 8

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

10 Adjust the focus of position A in the following figure



11 When you have finished making adjustments, press the [Esc] button on the remote control or the control panel to exit the guidance screen

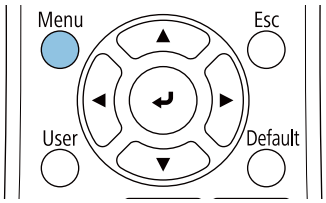
Adjusting using the projector menus

- You can save adjusted values in **Memory** from the **Geometry Correction** menu.
- Before performing the adjustment, set the Screen Type setting first. If you change the Screen Type after making corrections, the corrections will be reset.

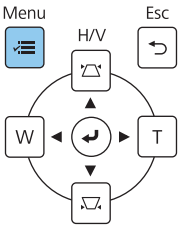
Arc Correction

1 Press the [Menu] button

Using the Remote Control



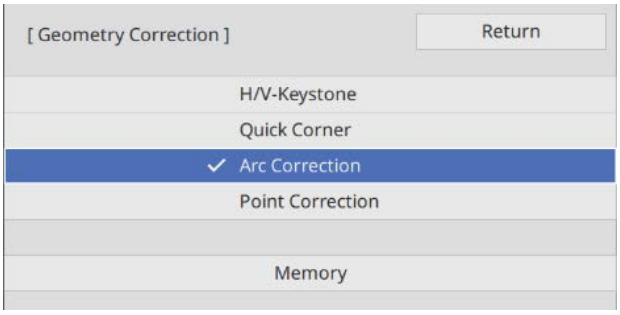
Using the Control Panel



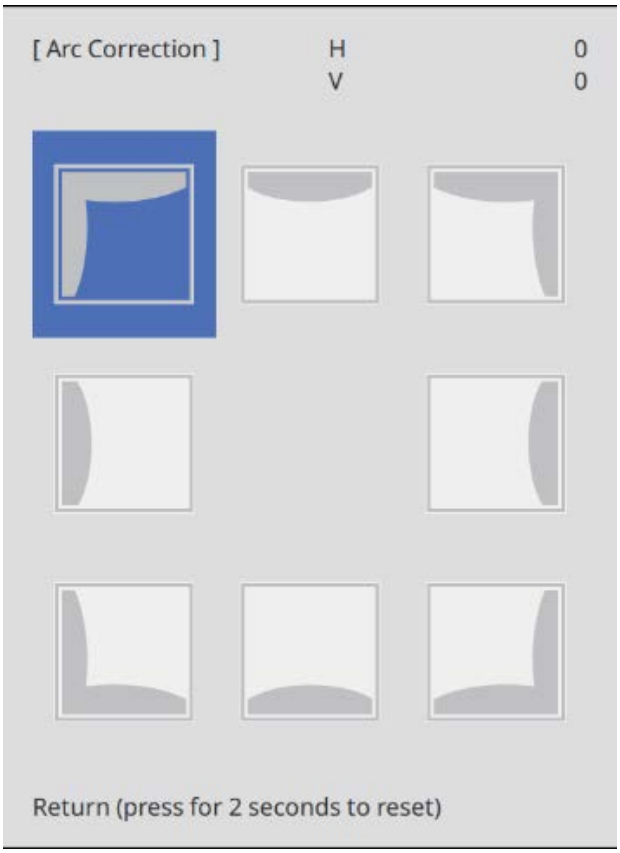
2 Select **Geometry Correction** from the **Installation** menu



3 Select **Arc Correction**



4 Select the side you want to correct and make adjustment



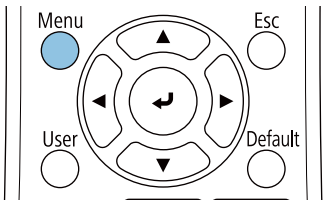
When you reach a range that cannot be adjusted, you see the message **Cannot adjust any further.** displayed.

5 When you have finished making adjustments, press the [Esc] button on the remote control or the control panel to finish adjustment

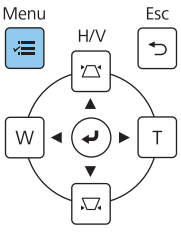
Quick Corner

1 Press the [Menu] button

Using the Remote Control



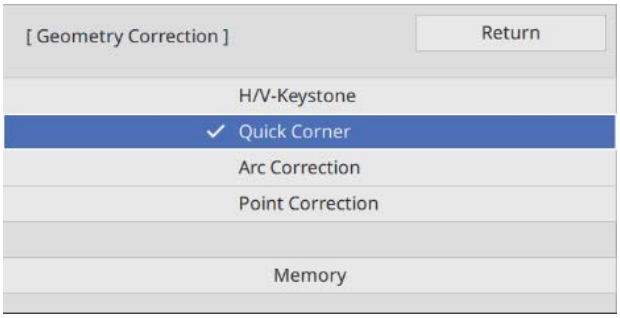
Using the Control Panel



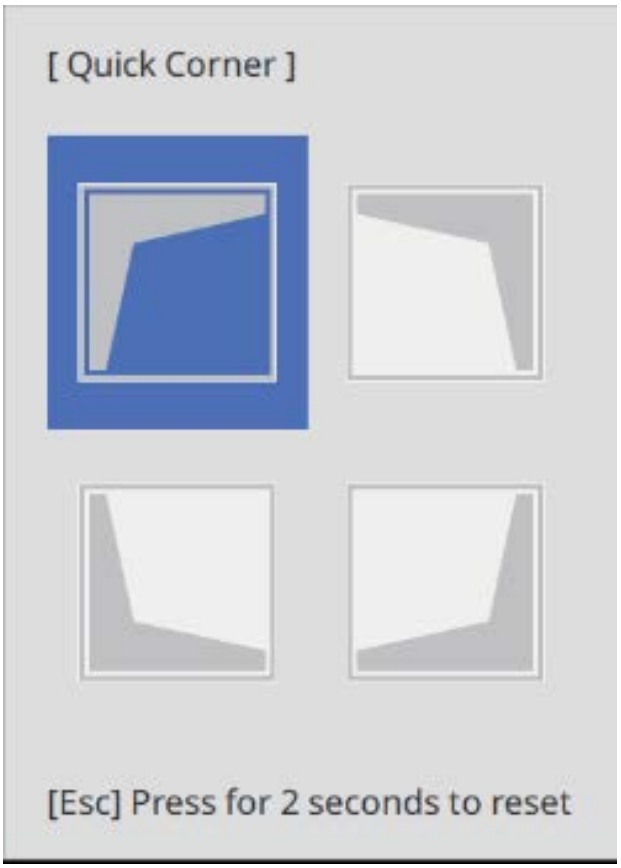
2 Select **Geometry Correction** from the **Installation** menu



3 Select **Quick Corner**



4 Select the side you want to correct and make adjustment



When you reach a range that cannot be adjusted, you see the message **Cannot adjust any further.** displayed.

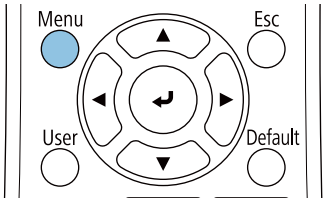
While adjusting the sides, press buttons [1], [3], [7], and [9] on the remote control to select the side you want to adjust.

5 When you have finished making adjustments, press the [Esc] button on the remote control or the control panel to finish adjustment

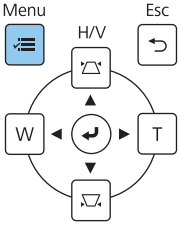
Point Correction

1 Press the [Menu] button

Using the Remote Control



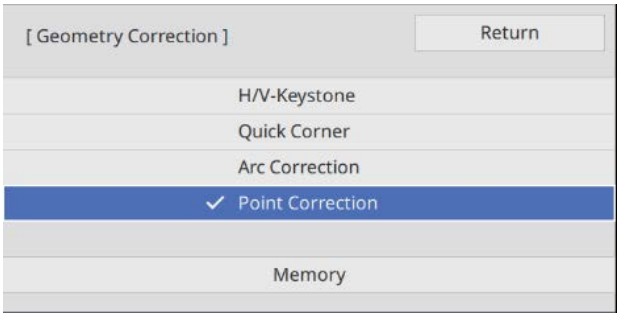
Using the Control Panel



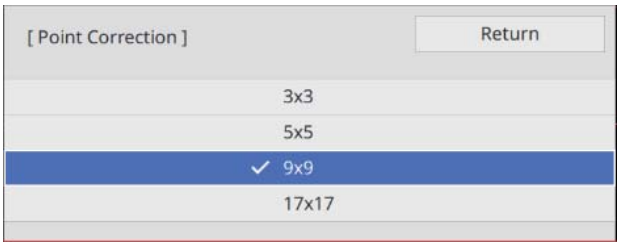
2 Select **Geometry Correction** from the **Installation** menu



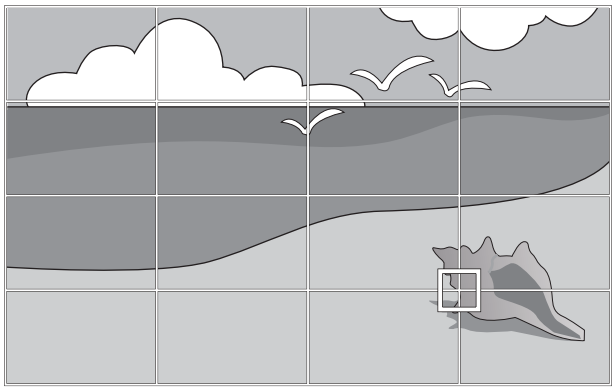
3 Select **Point Correction**

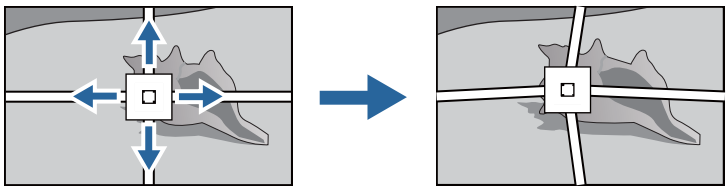


4 Select **Point Correction** and then select the number of grid



5 Select the points you want to correct and make adjustment



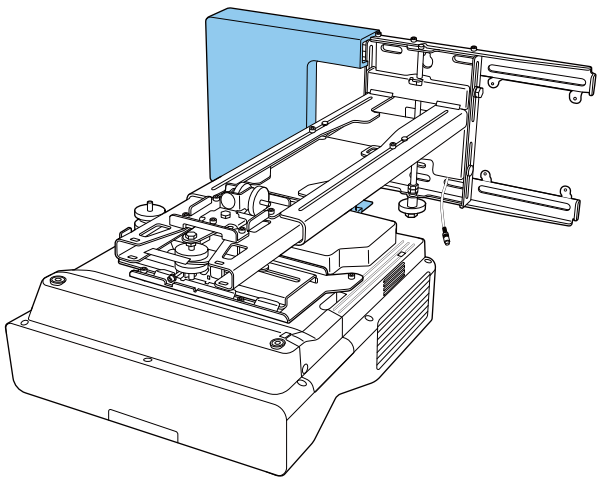


If it is hard to see the grid, use **Pattern Color** to change the color of the grid.

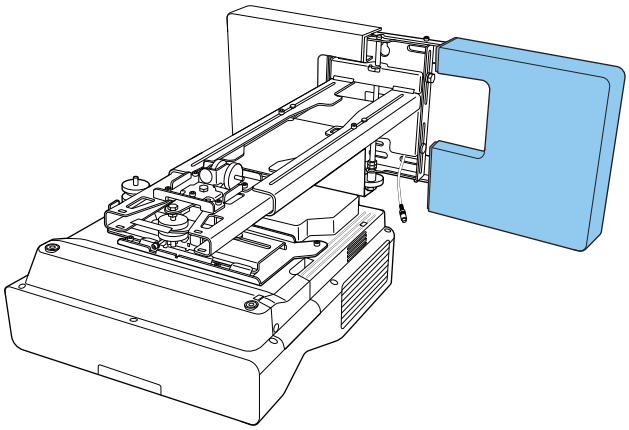
6 When you have finished making adjustments, press the [Esc] button on the remote control or the control panel to finish adjustment

Attaching the Covers

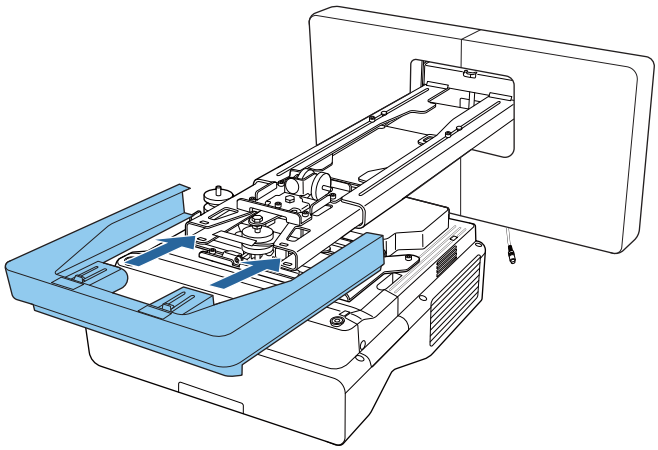
1 Attach the left wall plate cover



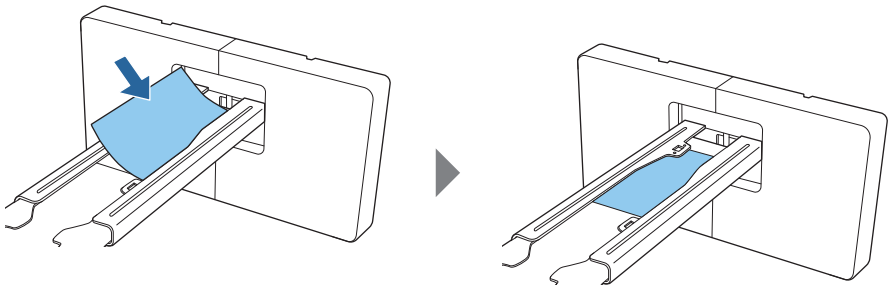
2 Attach the right wall plate cover



3 Fit the end cap to the setting plate



If you are concerned about the groove in the arm, stick the supplied masking sticker.

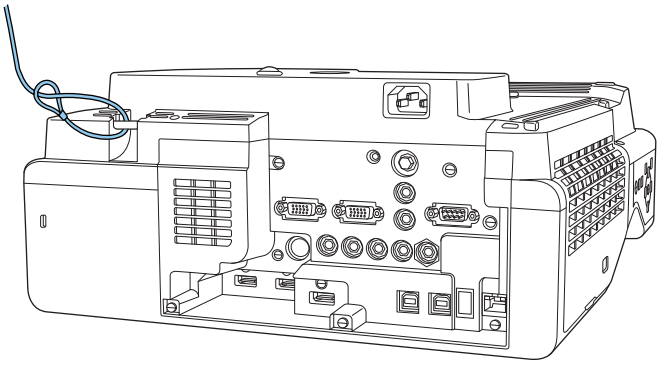


Attaching a Security Cable

Perform one of the following security measures if necessary.

- Install a commercially available theft-prevention wire lock

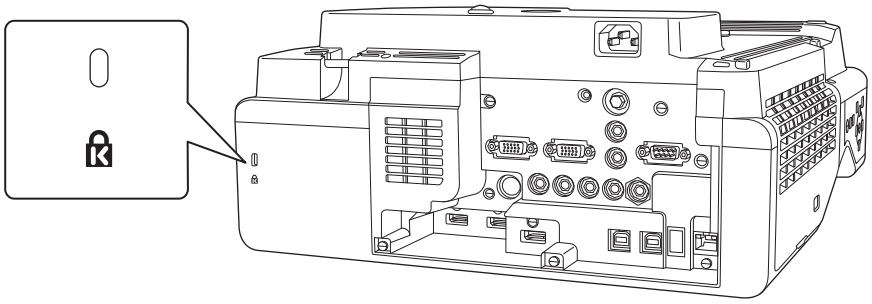
  Pass the wire lock through the security cable installation points on the projector and the setting plate.



- Install a security wire from Kensington

  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/



Notes on the Pen Stand

Warning	
Do not go near the pen stand if you are using medical equipment such as a pace maker. Furthermore, when using the pen stand, make sure there is no one using medical equipment such as a pace maker, in the surrounding area. A powerful magnet within the unit generates electromagnetic interference which may cause medical equipment to malfunction.	

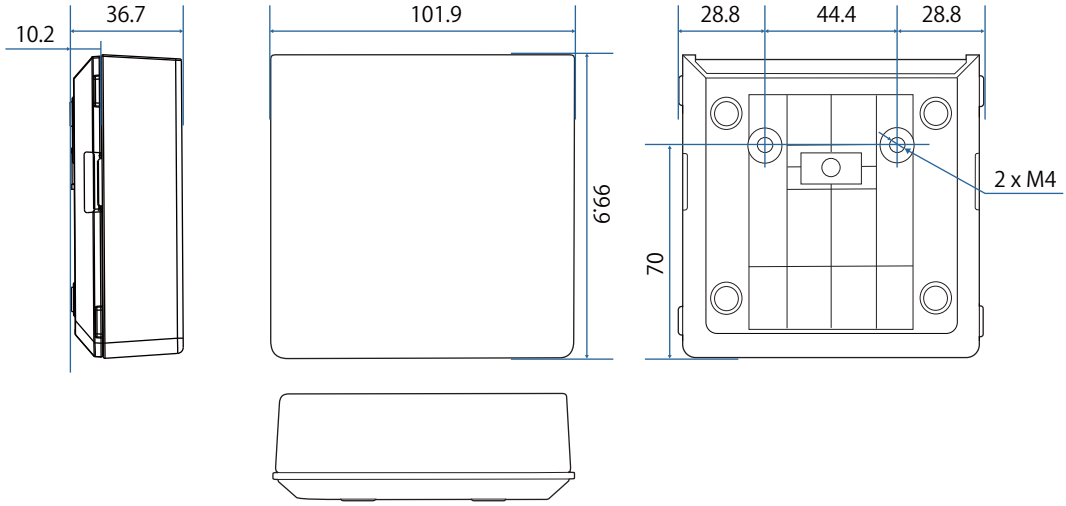
Caution	
Do not go near the pen stand with magnetic storage media such as magnetic cards, or precision electronic devices such as computers, digital watches, or mobile phones. A powerful magnet within the unit could corrupt data or cause a malfunction.	
The magnet on the back of the pen stand exerts a powerful magnetic attraction on the installation surface. When installing, be careful not to trap your fingers or any other part of your body between the magnets and the installation surface.	

Pen Stand Specifications

Item	Specification
Pen stand mass	Approx. 93 g

External Dimensions

[Unit: mm]

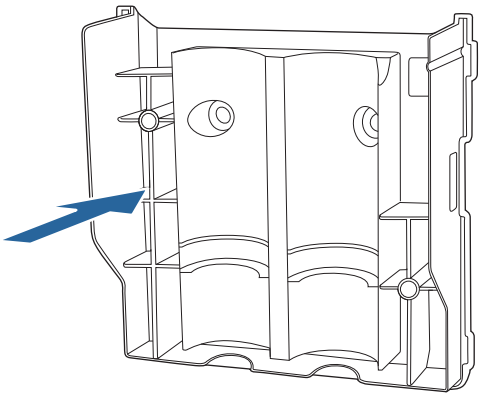


Installing the Pen Stand

Secure the pen stand with magnets or commercially available M4 screws.

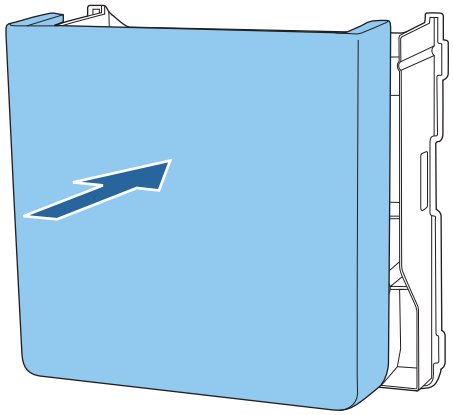
When Securing with Magnets

1 Check the installation position and secure with magnets

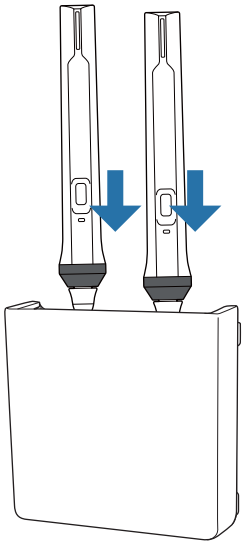


> **Caution**
>
> Powerful magnets are used which can cause injury if you trap your fingers. Be careful not to trap your fingers or any other part of your body between the magnets and the installation surface.

2 Attach the cover

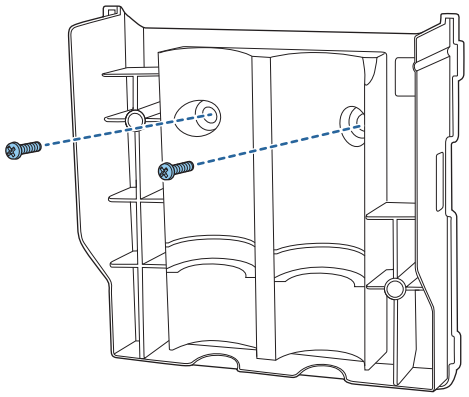


3 Store the interactive pens



When Securing with Screws

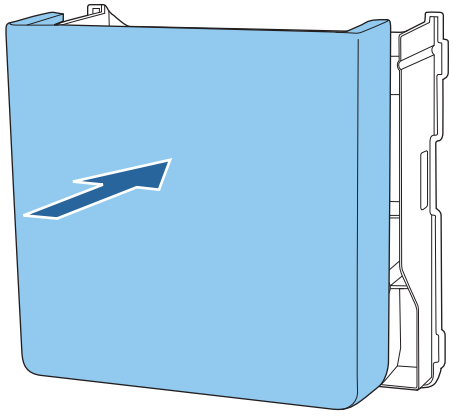
1 Check the installation position and secure with commercially available M4 screws (20 mm x2)



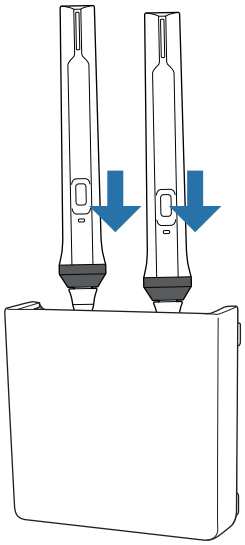
Warning

- When screwing, make sure they are not tilted at an angle to the installation surface.
- Make sure that the pen stand is secured properly.

2 Attach the cover



3 Store the interactive pens



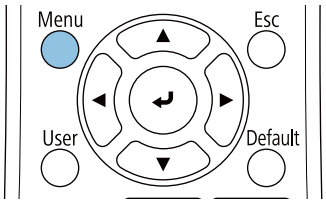
Calibrating the Interactive Pen

Adjust the projector's image before calibrating the pen.
There are two methods available for calibrating the pen; **Auto Calibration** and **Manual Calibration**.
When calibrating the pen for the first time, perform **Manual Calibration** for optimum calibration.
When calibrating the pen for the second time and after, perform **Auto Calibration**. (p.82)

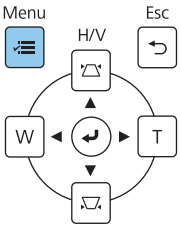
Manual Calibration

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

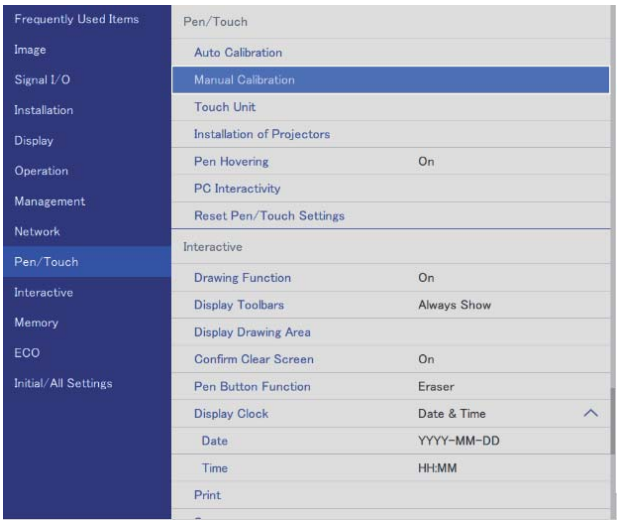
Using the Remote Control



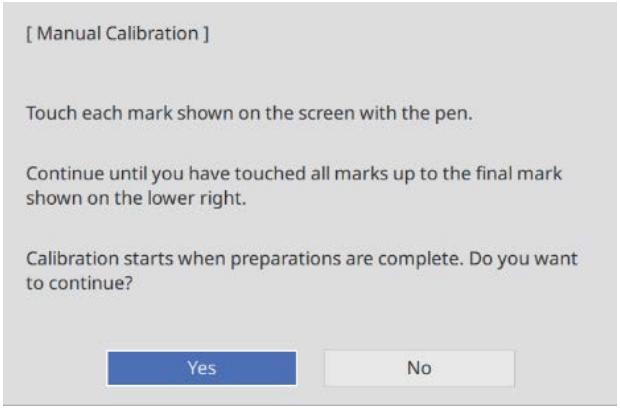
Using the Control Panel



2 Select **Manual Calibration** from the **Pen/Touch** menu.



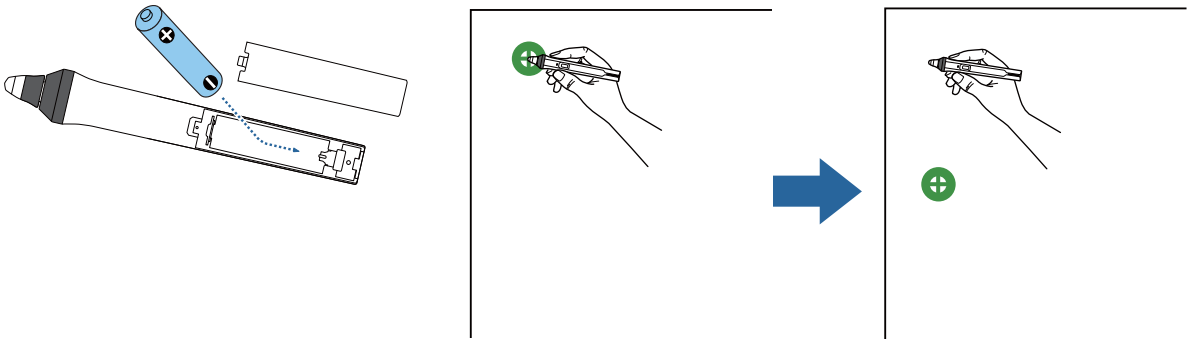
3 Check the screen content, and then select **Yes**



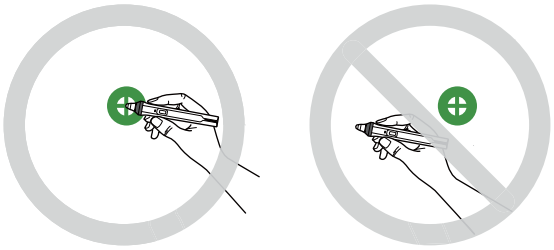
You see a green dot at the top left of the projection screen.

4 Touch the center of the dot with the pen tip of the interactive pen

The dot disappears and moves to the next position.

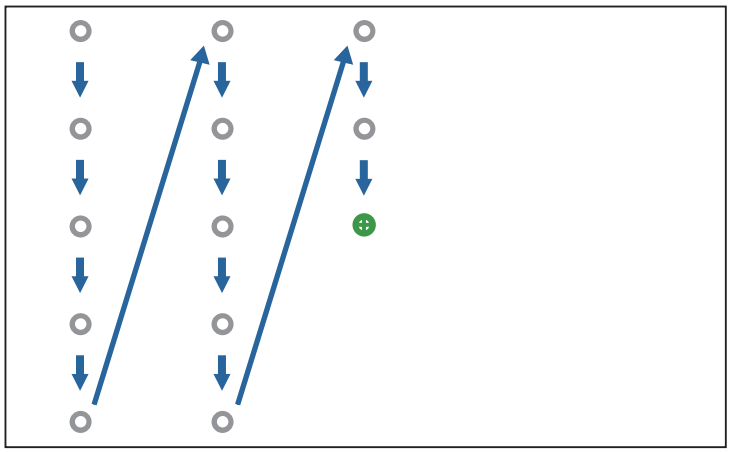


Make sure you touch the center of the dot. Otherwise, it may not be positioned correctly.



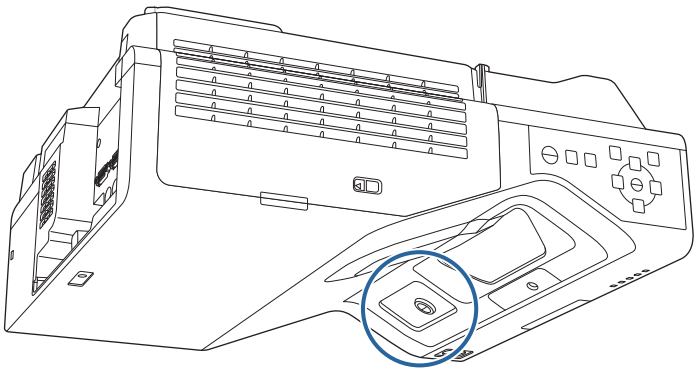
5 Repeat step 4 until all of the dots disappear

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



When all of the dots disappear, Manual Calibration is complete.

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

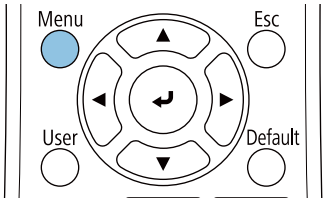


- If you touch the wrong position, press the [Esc] button on the remote control to return to the previous dot.
- To cancel calibration, hold down the [Esc] button for two seconds.

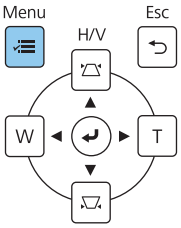
Auto Calibration

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

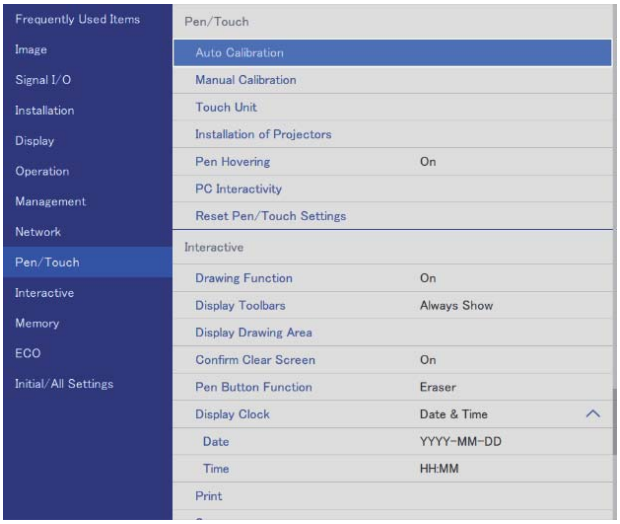
Using the Remote Control



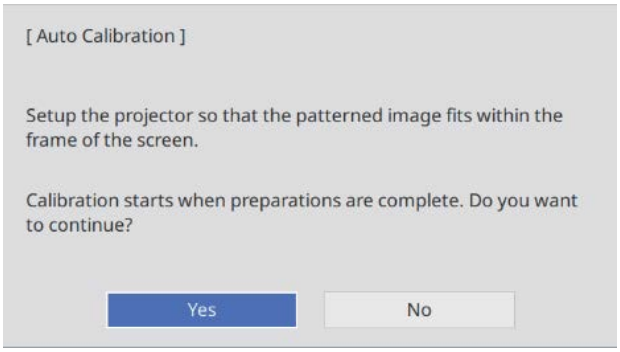
Using the Control Panel



2 Select **Auto Calibration** from the **Pen/Touch** menu



3 Check that the pattern image fits into the projected image, and then select **Yes**



Pen calibration starts automatically.

If Auto Calibration fails, follow the on-screen instructions to check your surroundings. Or, perform **Manual Calibration**.

Notes on Handling the Touch Unit

Warning	
Do not disassemble or remodel the Touch Unit. The Touch Unit contains a high power laser product that could cause a fire, electric shock, or an accident.	
Only connect the Touch Unit to the EB-735Fi/EB-725Wi. Do not connect it to any other projectors or devices. The device could malfunction, or laser light that is higher than normal intensity could be emitted.	
Do not go near the Touch Unit if you are using medical equipment such as a pace maker. Furthermore, when using the Touch Unit, make sure there is no one using medical equipment such as a pace maker, in the surrounding area. A powerful magnet within the unit generates electromagnetic interference which may cause medical equipment to malfunction.	

Caution	
Do not go near the Touch Unit with magnetic storage media such as magnetic cards, or precision electronic devices such as computers, digital watches, or mobile phones. A powerful magnet within the unit could corrupt data or cause a malfunction.	
The magnet on the back of the Touch Unit exerts a powerful magnetic attraction on the installation surface. When installing, be careful not to trap your fingers or any other part of your body between the magnets and the installation surface.	
Do not disassemble the Touch Unit when disposing of it. Dispose according to your local or national laws and regulations.	

Complies with FDA performance standards for laser products except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007

Supplier's DECLARATION of CONFORMITY

According to 47CFR, Part 2 and 15

Other Class B digital devices & peripherals

We:	Epson America, Inc.
Located at:	3840 Kilroy Airport Way
	Long Beach, CA 90806
Tel:	562-981-3840

Declare under sole responsibility that the product identified herein, complies with 47CFR Part 2 and 15 of the FCC rules as a Class B digital device. Each product marketed, is identical to the representative unit tested and found to be compliant with the standards. Records maintained continue to reflect the equipment being produced can be expected to be within the variation accepted, due to quantity production and testing on a statistical basis as required by 47CFR 2.906. Operation is subject to the following two conditions : (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Trade Name:	EPSON
Type of Product:	FINGER TOUCH UNIT
Model:	EAI destination: ELPFT01
	Other destination: ---

FCC Compliance Statement

For United States Users

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio and television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING

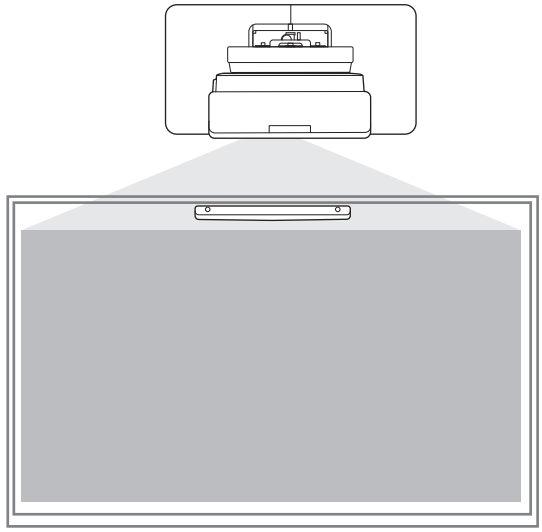
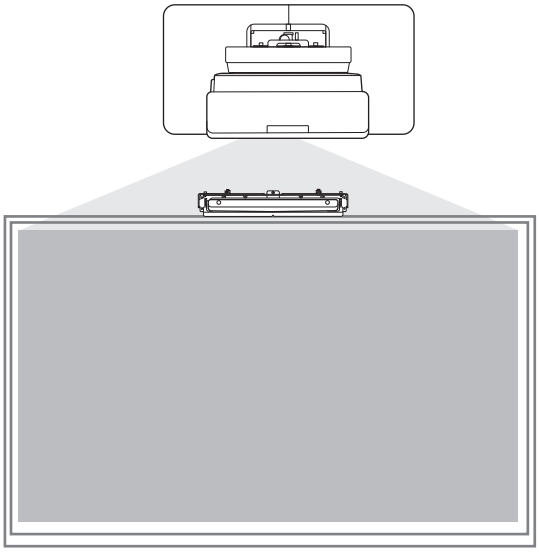
The connection of a non-shielded equipment interface cable to this equipment will invalidate the FCC Certification or Declaration of this device and may cause interference levels which exceed the limits established by the FCC for this equipment. It is the responsibility of the user to obtain and use a shielded equipment interface cable with this device. If this equipment has more than one interface connector, do not leave cables connected to unused interfaces. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

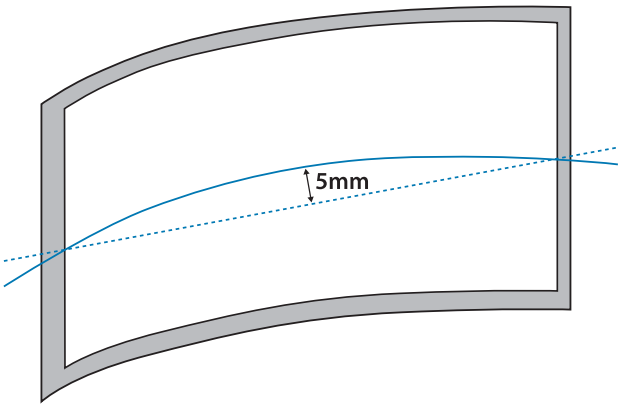
For Canadian Users

CAN ICES-3 (B) / NMB-3 (B)

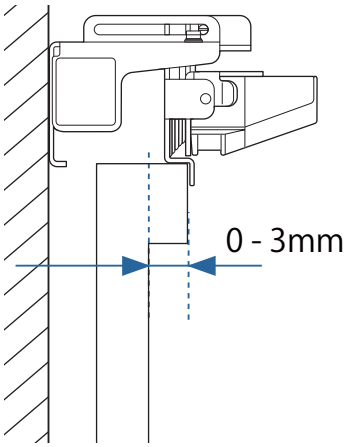
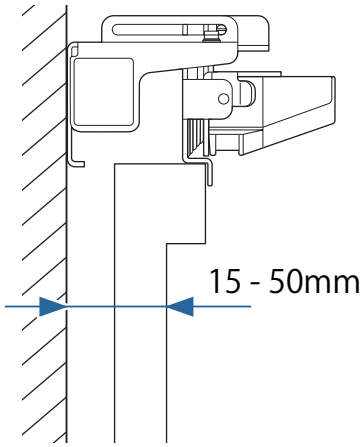
Touch Unit Installation Location

The procedure differs depending on where the Touch Unit is installed.

When installed on the projection surface: Secure with magnets or screws	When installed on a different surface: Secure with the Touch Unit Bracket
	

Caution	
When using the Touch Unit, images should be projected onto the front of the screen. You cannot use finger touch operations when images are projected onto the rear of the screen.	
Before installing the Touch Unit, make sure that the installation surface is not warped or distorted, and that any unevenness on the screen surface is less than 5 mm. 	

Notes on the Touch Unit Bracket

Caution	
If there is a frame around the screen, make sure that the thickness of the top of the frame is less than 3 mm. If the thickness of the top of the screen exceeds 3 mm, the Touch Unit will not operate correctly. 	
Make sure that the distance from the wall to the surface of the screen is less than 50 mm. You cannot install the Touch Unit Bracket if the distance is more than 50 mm. 	

Notes on the Laser

Attached Labels

The Touch Unit is a Class 1 laser product that conforms to the IEC/EN60825-1:2014 standard.

The Touch Unit is a Class 1 laser product that conforms to the IEC/EN60825-1:2007 standard. (For North/South America.)

There are warning labels affixed to the Touch Unit to indicate that it is a Class 1 laser product.







For American Users

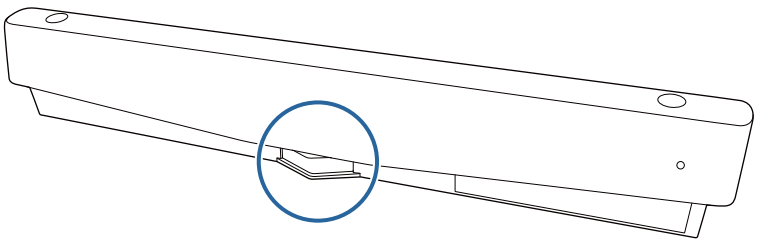


The labels contain the following information.

- Class 1 laser product
- Warning: Do not open the case. The device contains a high power laser product.
- Warning:
  - Caution: If this section is opened, class 3B invisible laser radiation will be emitted.
  - Avoid exposure to the radiation beams.

Laser Diffusion Port

The laser beam is diffused from the laser diffusion ports at the back of the Touch Unit.



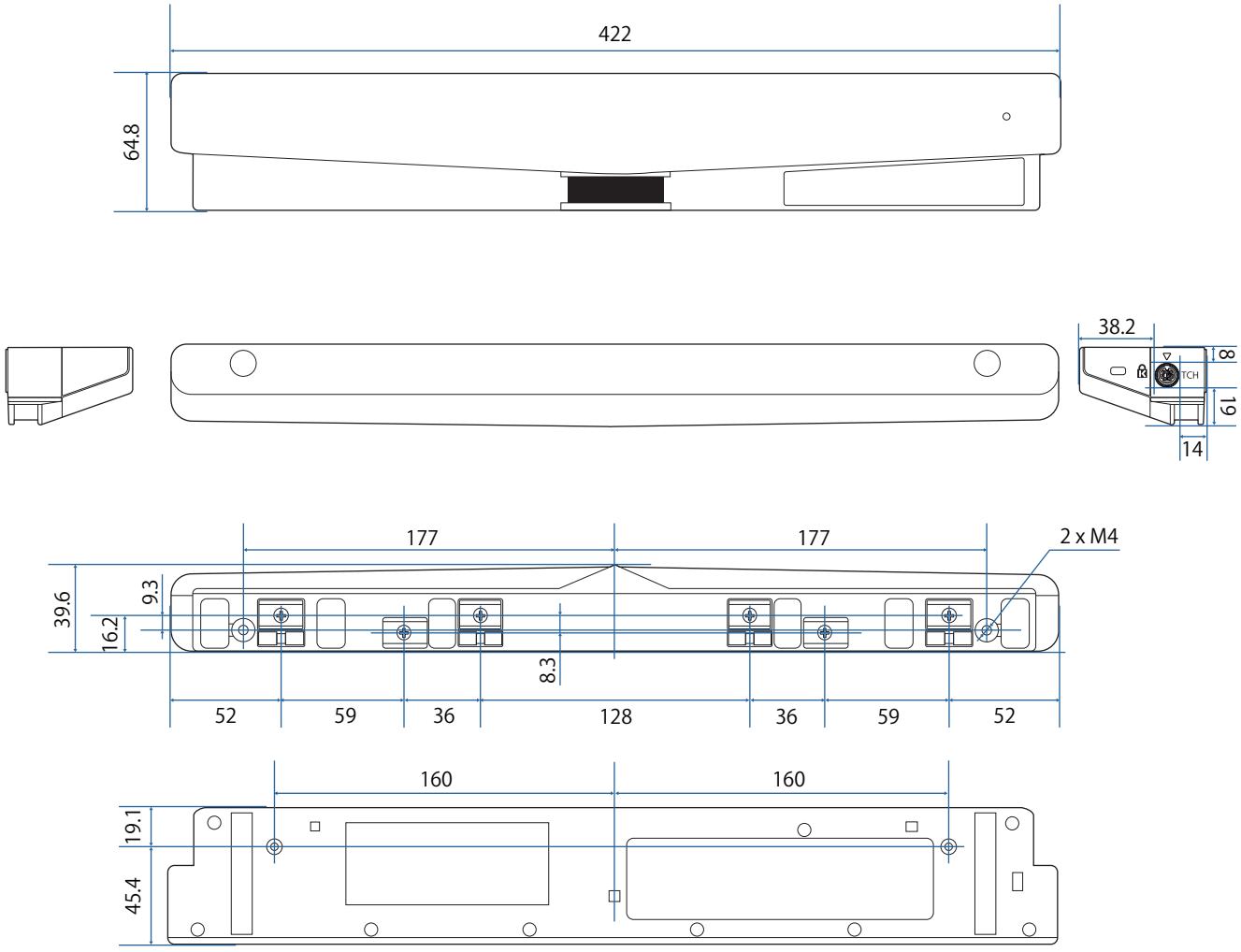
- Light source output: Max. 285 W

- Wavelength: 932 to 952 nm

Touch Unit Specifications

Item	Specification
Touch unit mass	Approx. 0.6 kg
Operating temperature	0 to 40°C
Power (supplied from the projector)	5 VDC 0.65 A

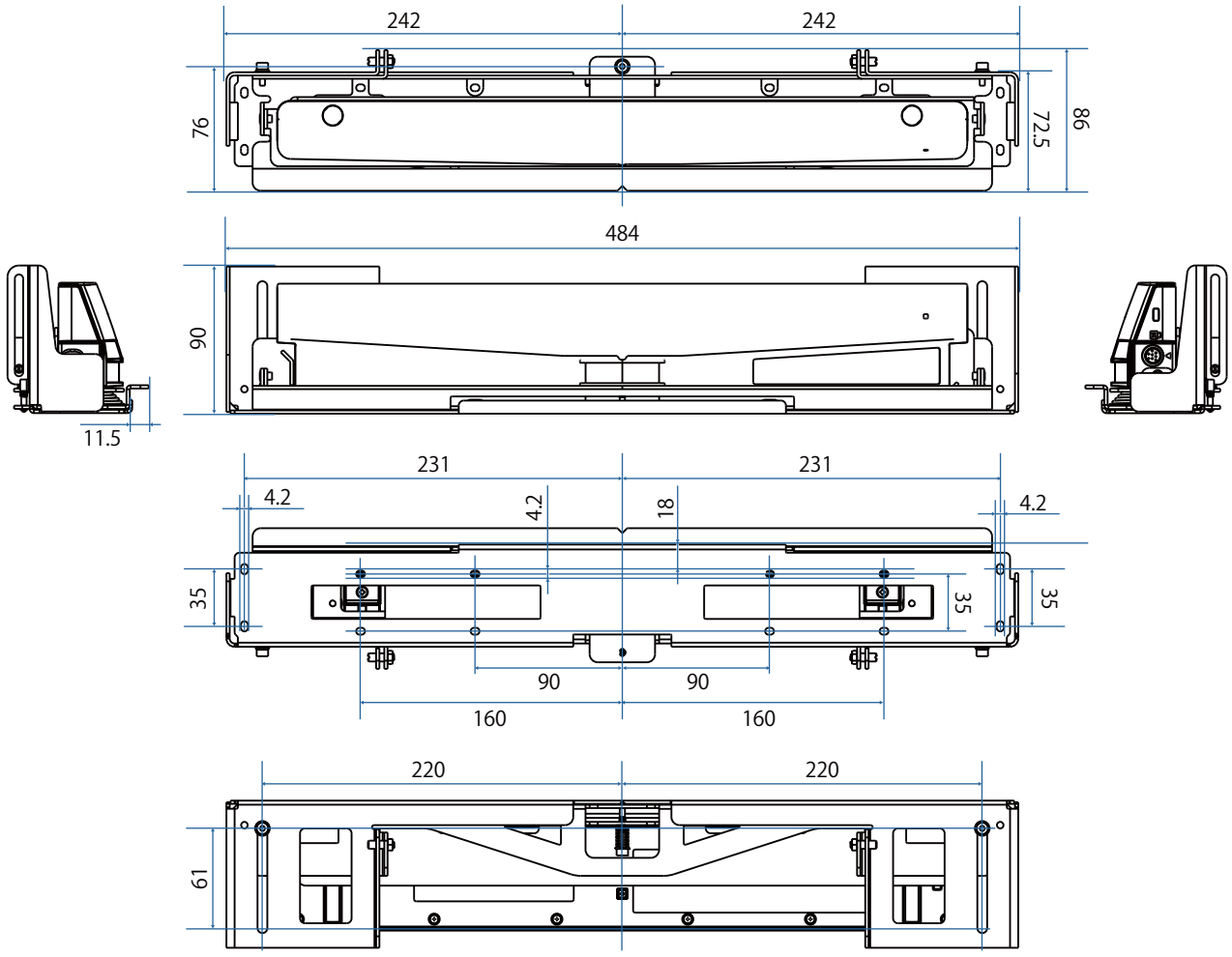
External Dimensions



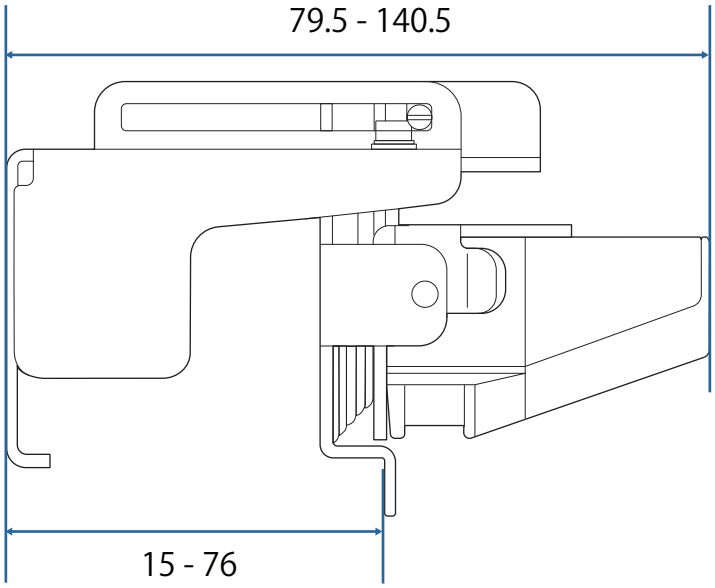
Touch Unit Bracket Specifications

Item	Specification
Touch unit bracket mass	Approx. 1.8 kg
Maximum load capacity	Approx. 8.8 kg

External Dimensions

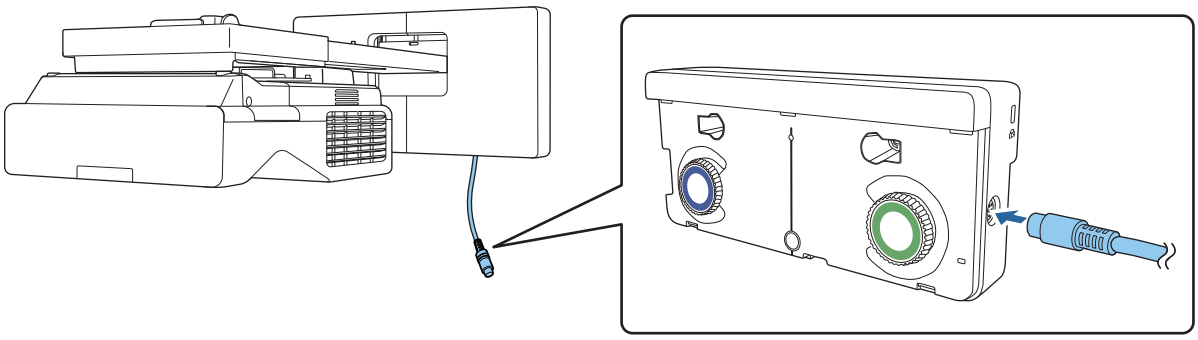


Adjustment Range



When Using an Older Model of Touch Unit

Touch Units that have been used with previous projector models can be re-connected and used again.



After connecting, follow the steps below to setup the Touch Unit.

1. Turn on the Touch Unit (☛ p.103)
2. Adjust the Angle of the Laser (☛ p.104)
3. Perform Touch Calibration (☛ p.118)

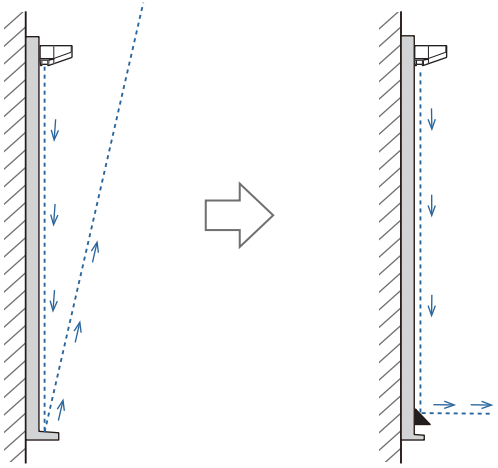
When infrared deflectors are attached to the projection surface, use it without removing them.

Installing the Touch Unit

Installing the Infrared Deflectors

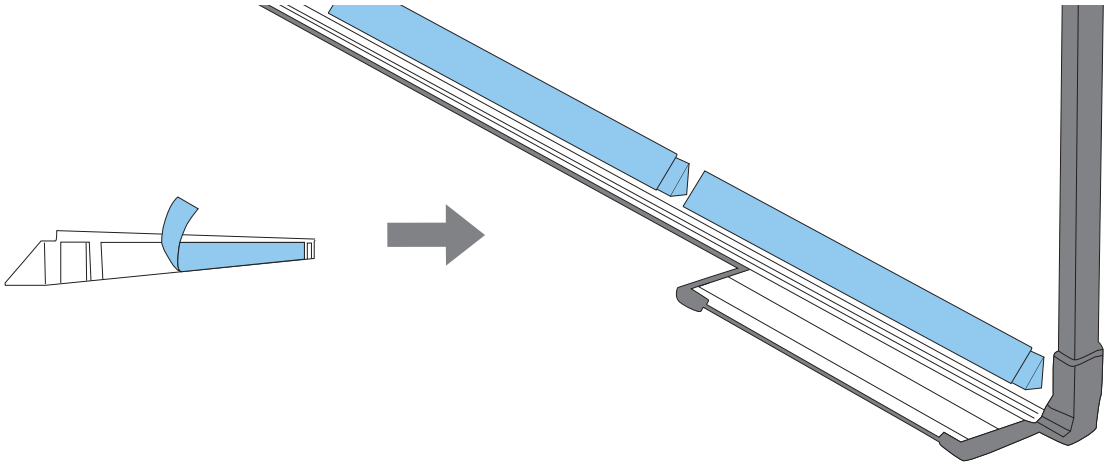
Stick the infrared deflectors to any obstacles, such as a frame or tray, at the bottom of the projection surface.

If there are any obstacles, the laser is reflected as shown below, and the location of your finger will not be detected correctly.



- If you have already attached infrared deflectors to the projection surface, use it without removing them.
- When installing multiple Touch Units on the same wall, also install partitions such as infrared deflectors to prevent laser interference. For details, see "When Installing Multiple Touch Units Nearby" p.16.

1 Stick the supplied infrared deflectors along the locations of the obstacles

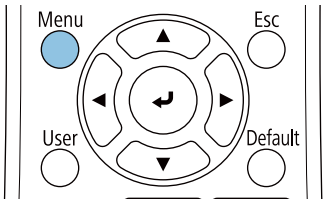


Installing the Touch Unit

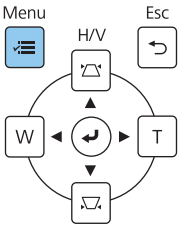
When installing on the projection surface without using the Touch Unit Bracket

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

Using the Remote Control



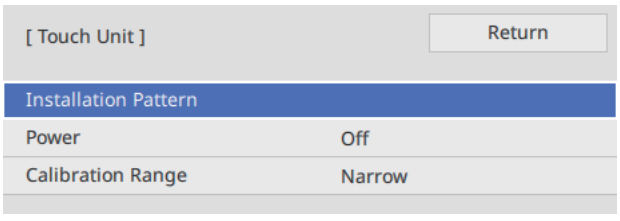
Using the Control Panel



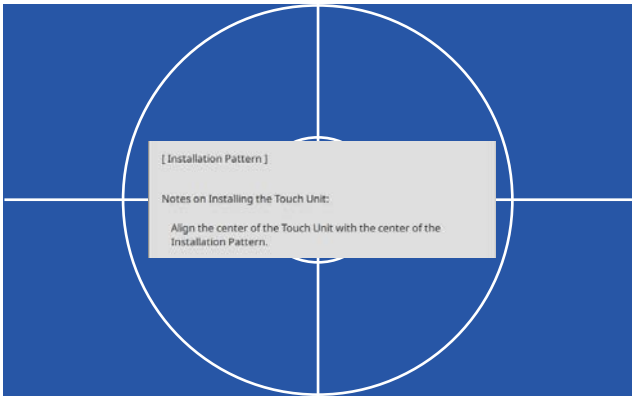
2 Select **Touch Unit** from the **Installation** menu



3 Select **Installation Pattern**



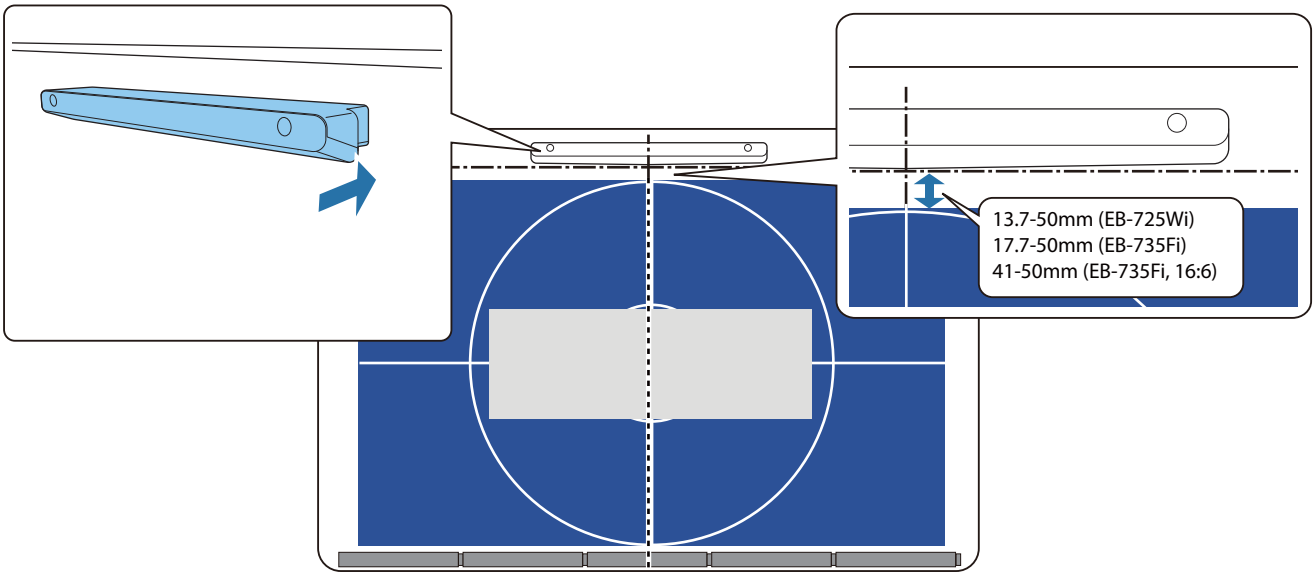
You see the installation pattern on the projected image.



4 When installing on a magnetic surface, check the installation position and attach the touch unit with magnets

When installing on a non-magnetic surface, go to the next step.

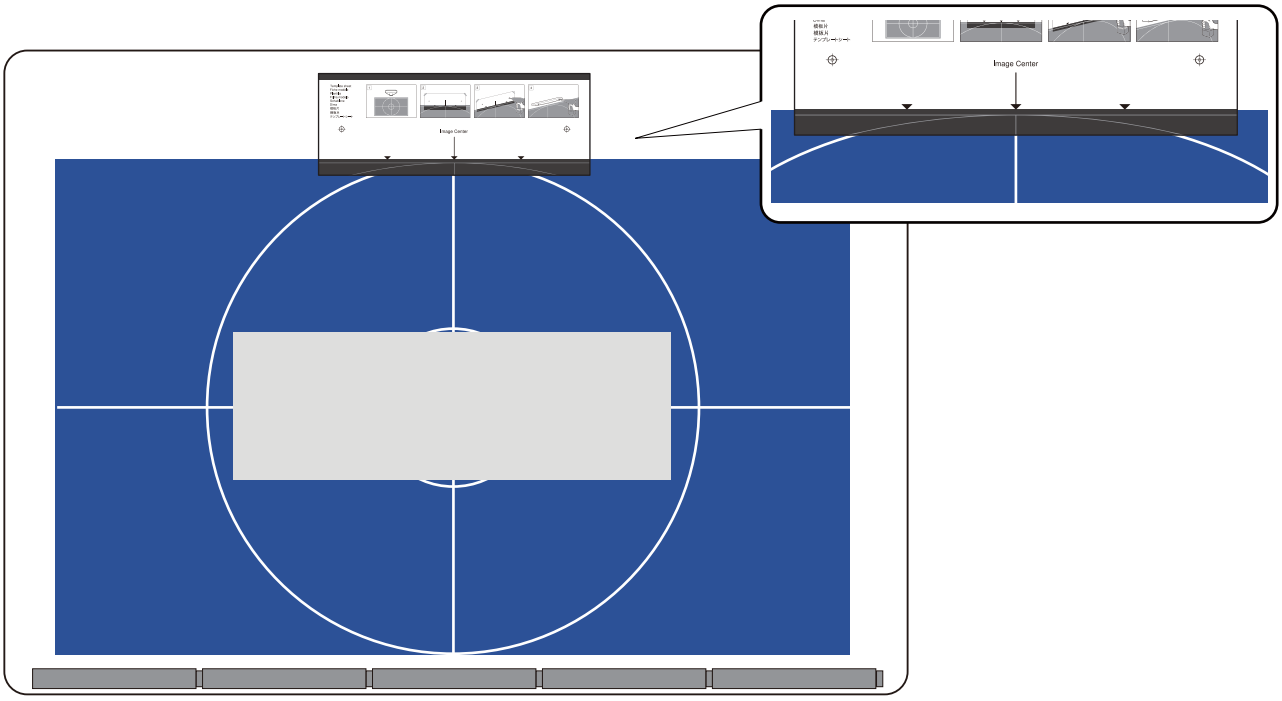
> **Caution**
>
> Powerful magnets are used which can cause injury if you trap your fingers. Be careful not to trap your fingers or any other part of your body between the magnets and the installation surface.



After you attach the Touch Unit, go to "Turning on the Touch Unit" p.103.

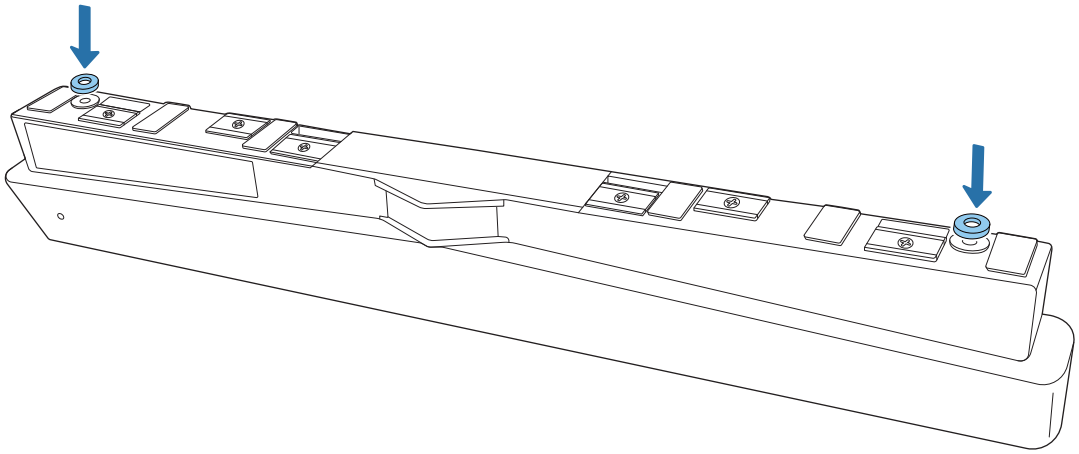
5 When installing on a non-magnetic surface, attach the template sheet to the Touch Unit installation position

As shown below, attach the bottom of the template sheet onto the installation pattern.

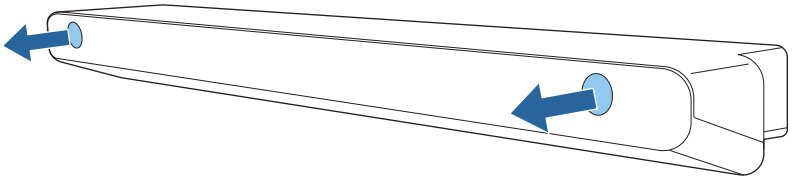


6 Drill holes in the installation surface, and then remove the template sheet

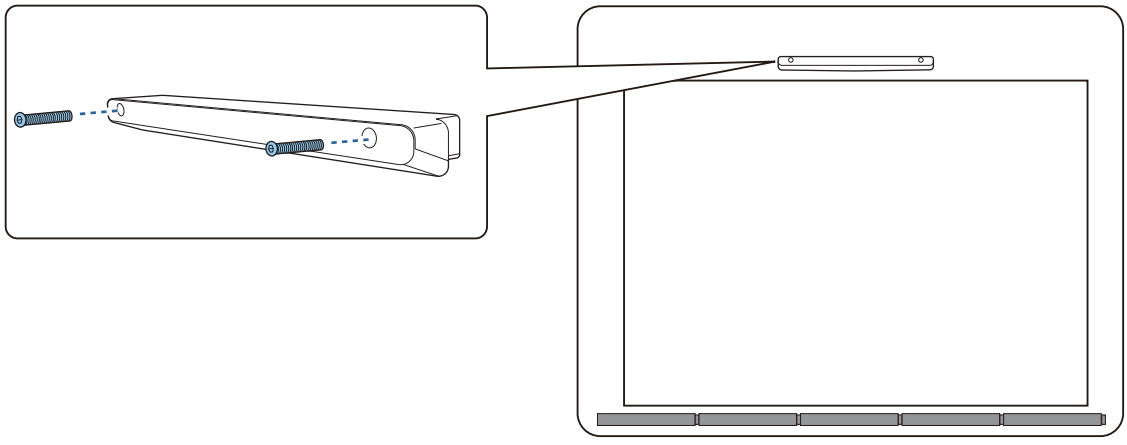
7 Attach the spacers supplied (x2) to the screw holes on the back of the Touch Unit



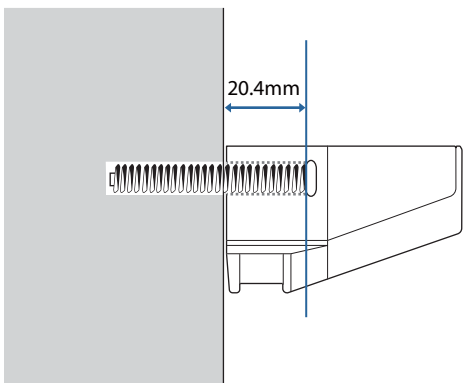
8 Remove the rubber caps (x2) from the front of the Touch Unit



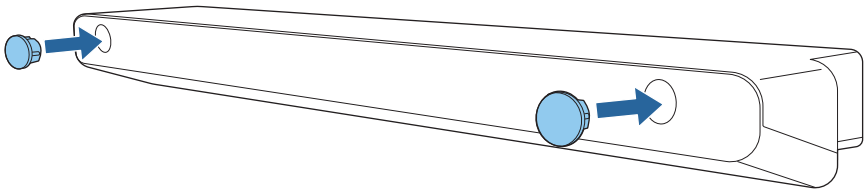
9 Secure the Touch Unit with commercially available M4 screws (x2)



The following shows the depth of the screw holes in the Touch Unit.



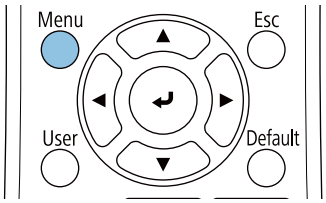
10 Attach the rubber caps that you removed in step 8 to the screw holes on the front of the Touch Unit



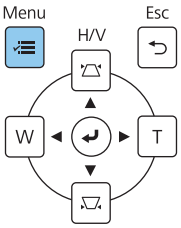
When using the Touch Unit Bracket to install outside of the projection surface

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

Using the Remote Control



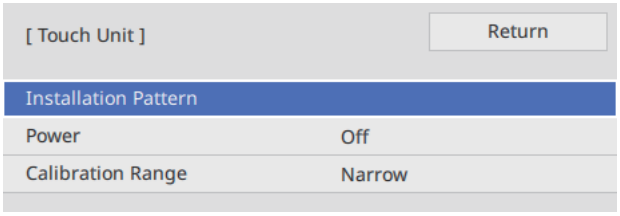
Using the Control Panel



2 Select **Touch Unit** from the **Installation** menu



3 Select **Installation Pattern**



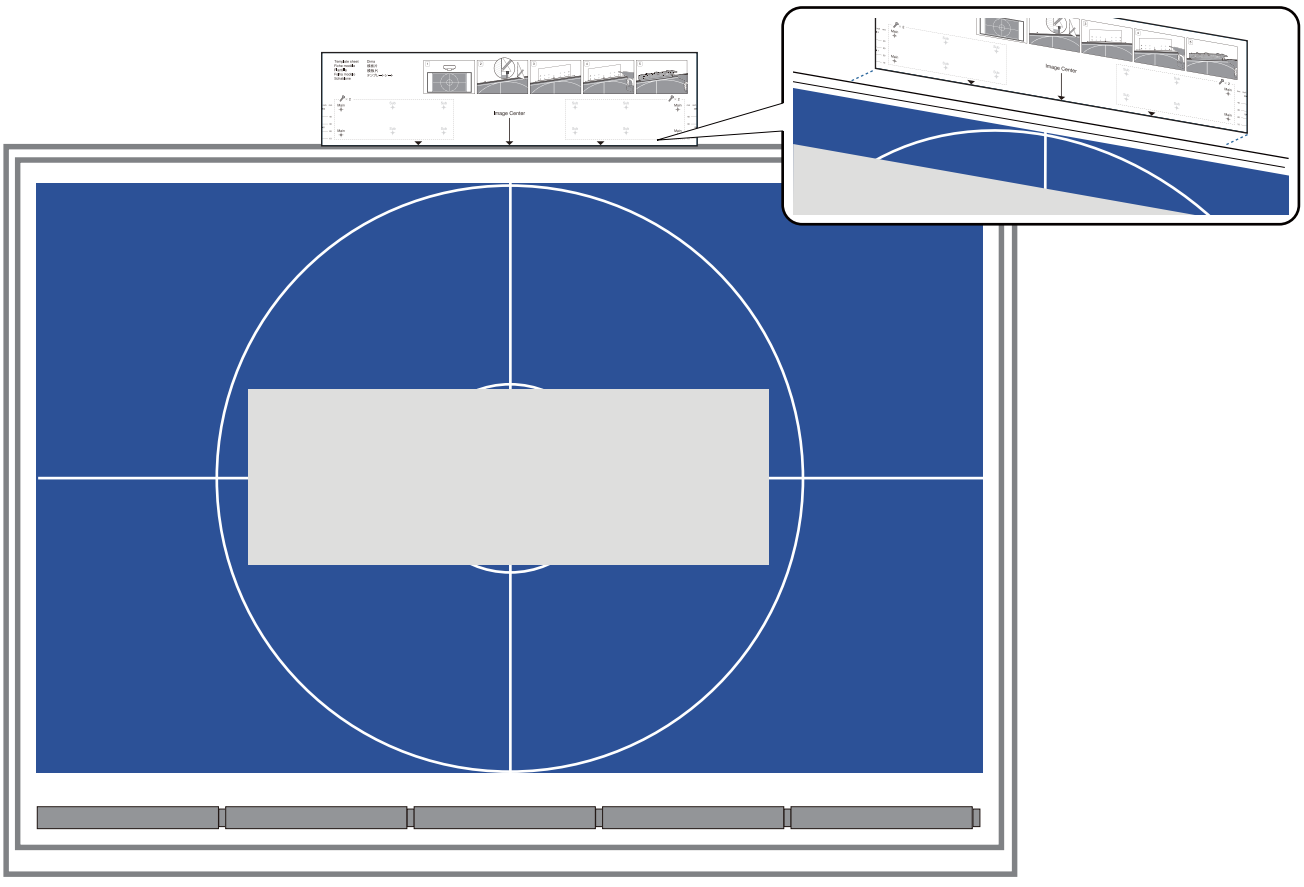
You see the installation pattern on the projected image.



4 Attach the template sheet for the Touch Unit Bracket

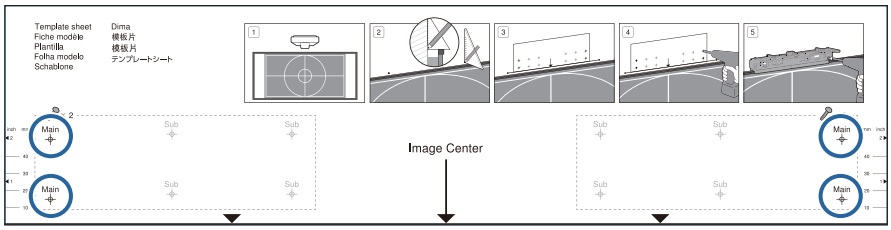
Align the top edge of the projection surface with the bottom edge of the template sheet.

If there is a gap between the installation surface for the bracket and the projection surface, we recommend drawing marks in advance at the attachment position.



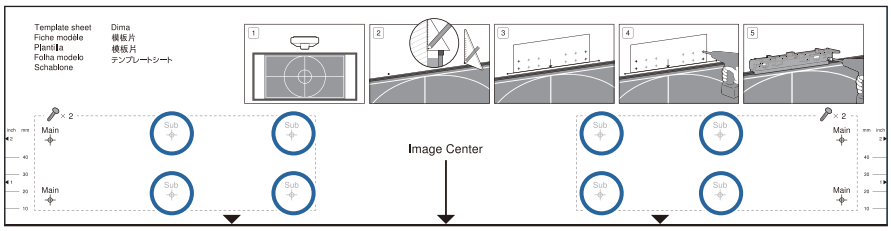
5 Drill holes in the installation surface, and then remove the template sheet

Make holes at the four points labeled as **Main** on the template sheet.

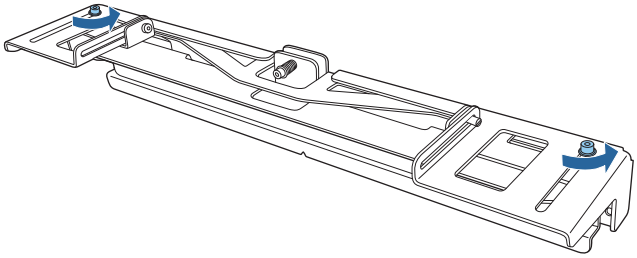


Depending on the condition of the installation surface, you may need to secure the bracket at the points labeled as Sub.

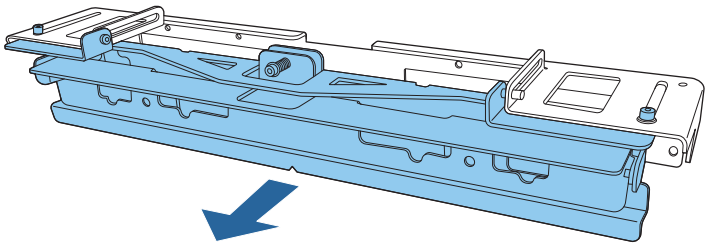
Make holes at four points (two on the left and two on the right) for optimum balance.



6 Loosen the screws (x2) at the top of the Touch Unit Bracket

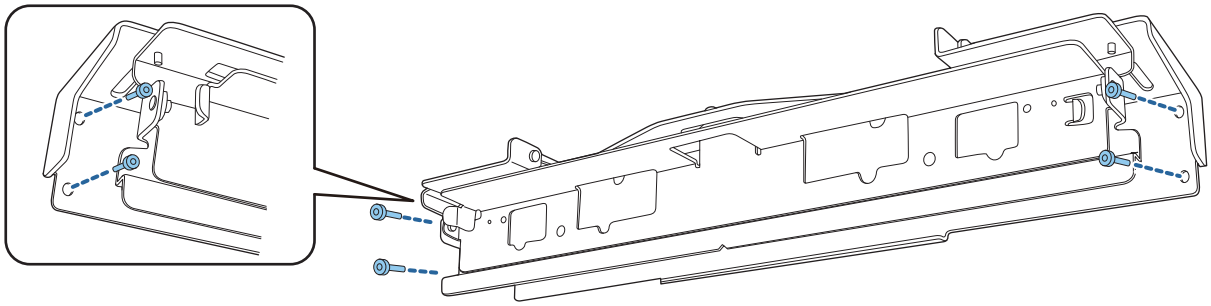


7 Slide the parts at the front of the bracket forward until they are fully extended

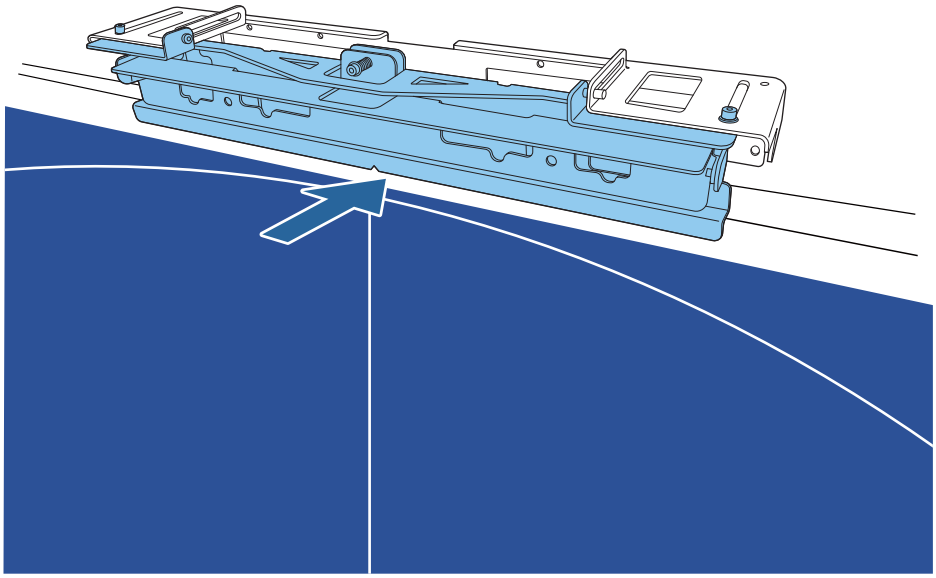


To prevent the sliding section from slipping during installation, lightly tighten the top screws (x2) that you loosened in step 6.

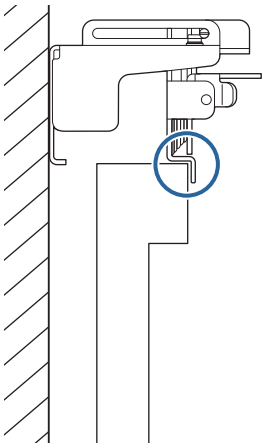
8 Secure the bracket to the wall with commercially available 3.8 mm diameter wood screws with a length of 45 mm (x4) or M4 anchor bolts (x4)



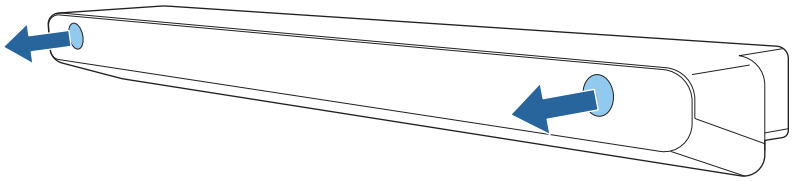
9 Slide the bracket so that it fits with the projection screen



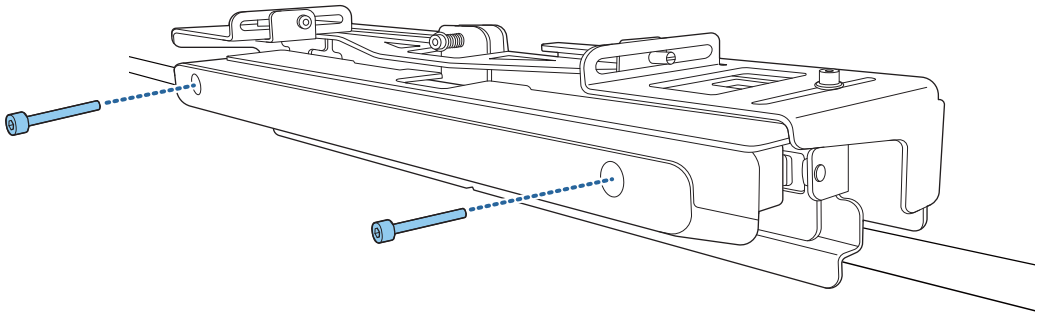
Slide it in until the lower edge of the bracket touches the projection screen.



10 Remove the rubber caps (x2) from the front of the Touch Unit

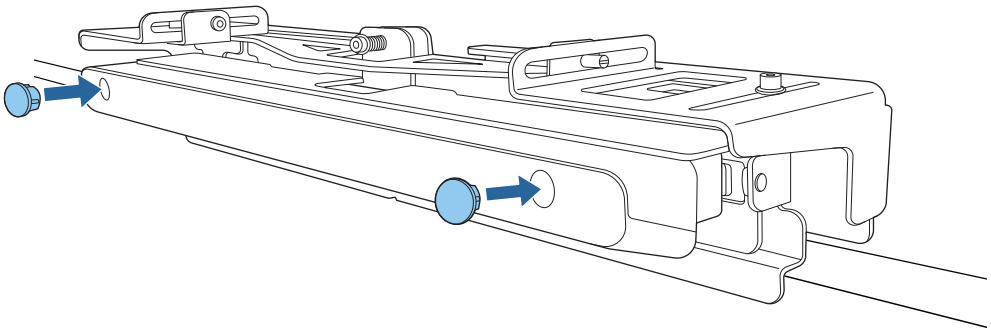


11 Secure the Touch Unit to the bracket with the M4 x 25 mm bolts (x2) supplied



> **Caution**
>
> There is a powerful magnet on the rear of the Touch Unit. Do not trap your hand between the Touch Unit and the Touch Unit Bracket.

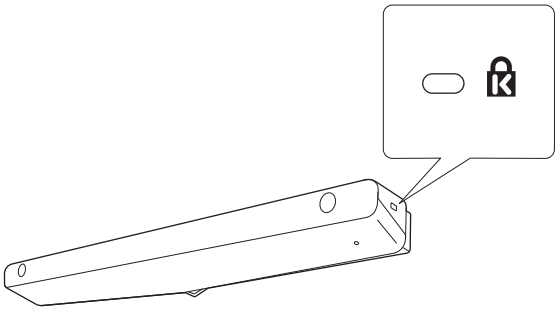
12 Attach the rubber caps that you removed in step 10 to the screw holes on the front of the Touch Unit



Attaching a Security Cable

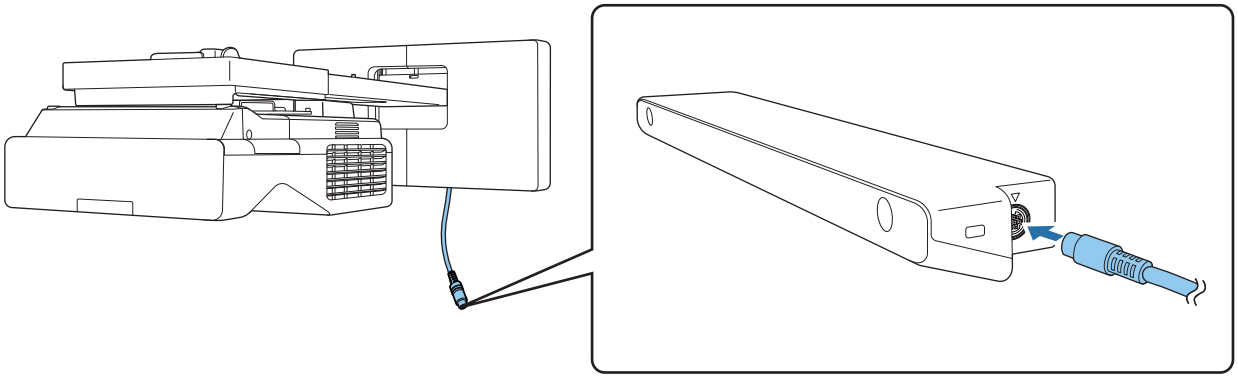
The security slot on the Touch Unit is compatible with the Microsaver Security System manufactured by Kensington. See the following for more details on the Microsaver Security System.

http://www.kensington.com/



Turning on the Touch Unit

1 Connect the Touch Unit connection cable that is connected to the projector to the TCH port on the Touch Unit



Make sure the Touch Unit connection cable is firmly inserted all the way in. If the cable is not inserted all the way in, the menu for older model Touch Units may be displayed when adjusting the angle of the laser.

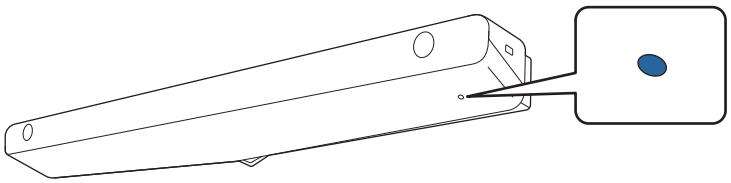
2 Select **Touch Unit** from the **Installation** menu



3 Set **Power** to **On**



The Touch Unit turns on and the indicator is lit blue.

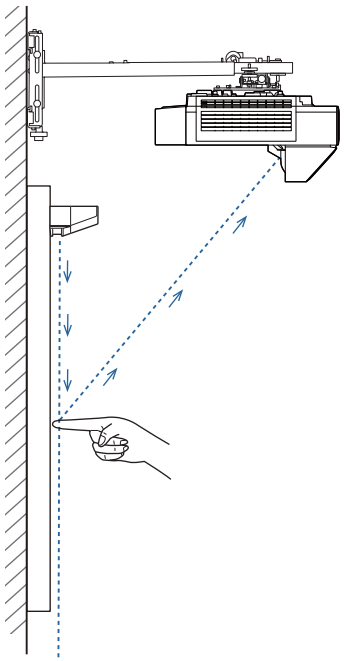


The Touch Unit automatically turns on the next time you turn on the projector if **Power** is set to **On**.

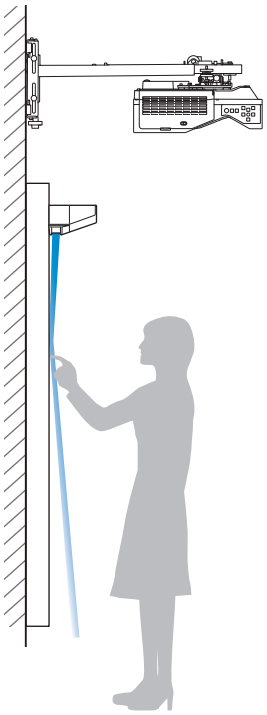
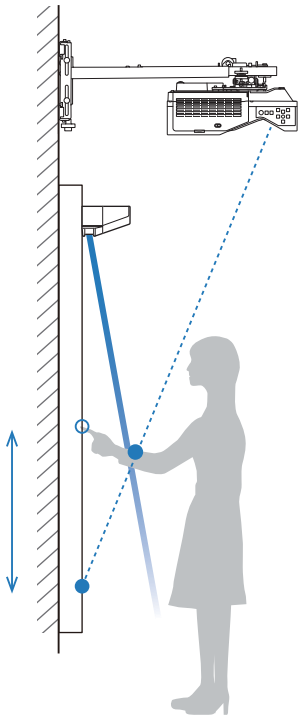
Adjusting the Angle of the Laser (Touch Unit Auto Setup)

An infrared laser in the shape of a curtain is emitted from the Touch Unit. The infrared laser reflects off your finger when touched to the projection surface thereby detecting the finger position allowing the projector's infrared camera to recognize the position being reflected.

Adjust the angle of the laser light coming from the Touch Unit so that the projector can correctly detect the position of your finger.



If the laser is not emitted parallel to the screen, the projector will not detect touch operations or the position of your finger correctly.

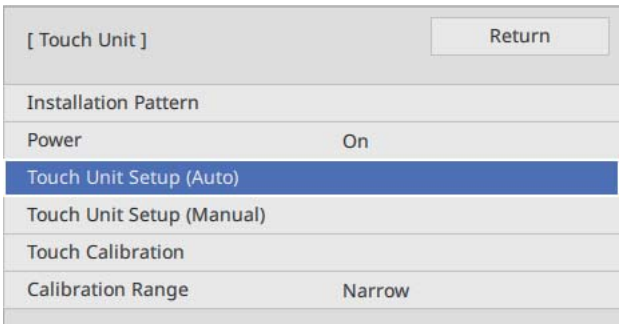
When the laser is not parallel to the screen	
	
• The position of your finger may not be detected even if you touch the projected image. • Even if you do not touch the projected image, touch operations may be incorrectly detected and unintended operations may be performed.	• The position of your finger detected by the projector and your actual finger position may not align, and an unintended operation may be performed. • The projector enters a state in which a touch is still being detected, and a click operation is not recognized.

Before adjusting the angle of the laser, make sure that interactive pen calibration is complete.

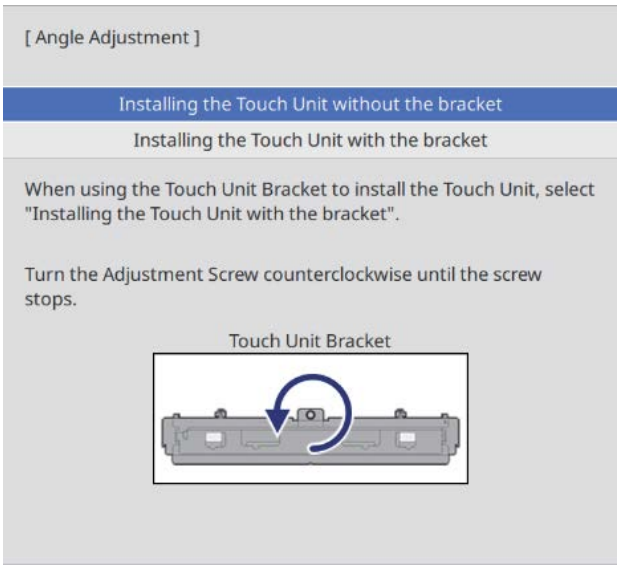
1 Select **Touch Unit** from the **Installation** menu



2 Select **Touch Unit Setup (Auto)**

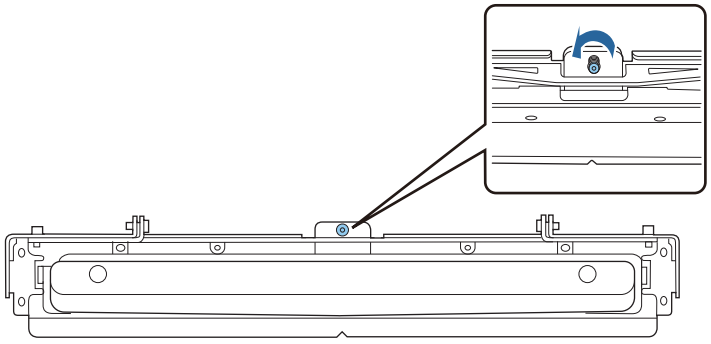


3 Select whether or not the Touch Unit Bracket is being used

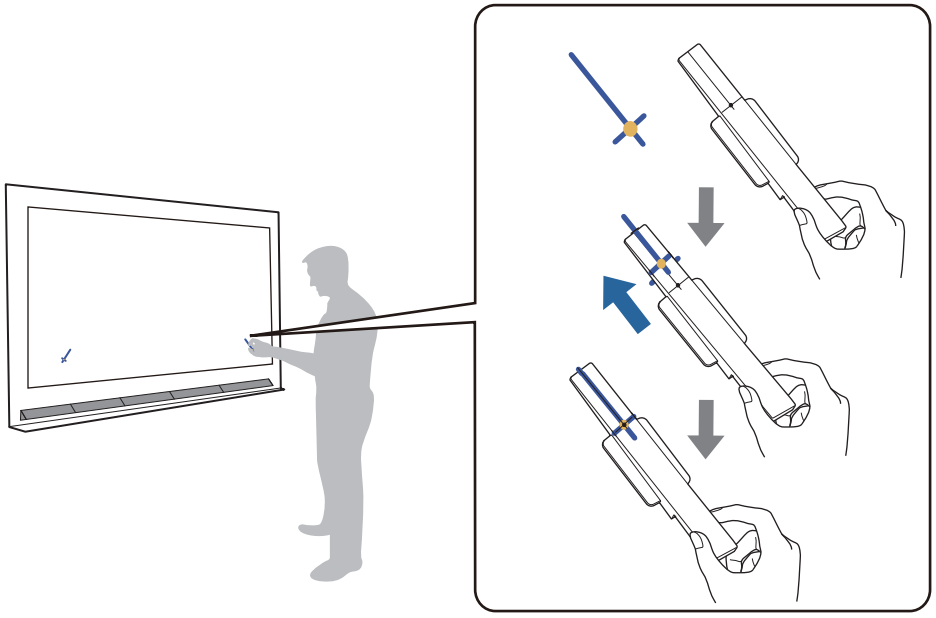


- The following steps differ if you are using an older model of Touch Unit. Follow the on-screen instructions. For details on performing operations, see the *Installation Guide* supplied with the old projector.
- If the screen for an older model Touch Unit is displayed even though the ELPFT01 is connected, check the connection for the Touch Unit connection cable.

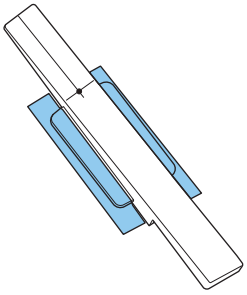
4 If you are using the Touch Unit Bracket, turn the adjustment screw on the top of the bracket counterclockwise until you cannot turn it any further



5 Place the two markers supplied on the marker positions on the projection screen and secure them



- Magnetic screens: Place the base of the markers onto the screen.
- Non-magnetic screens: Use the supplied tape to secure the markers as shown below.



Do not place anything other than the markers near the projected image during angle adjustment. If other objects are on the projected image, angle adjustment may not be performed correctly.

6 Press the [Enter] button to start Touch Unit auto adjustment

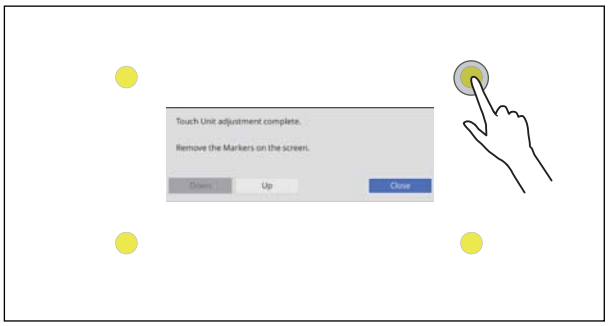
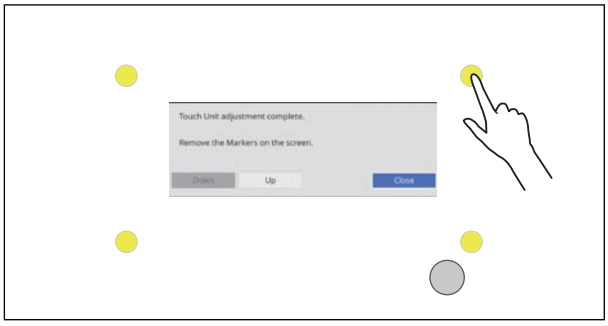
Auto adjustment may take a few minutes depending on the projection surface.

7 When the message **Touch Unit adjustment complete.** is displayed, remove the markers from the projection surface

If you see a message notifying you that auto adjustment has failed, check "When auto adjustment fails" p.109.

8 Touch ( ) displayed on the screen with your finger and check if ( ) is displayed in the same position

Touch all four ( ) to confirm.

Screen	Status
	Adjustment has been performed correctly if the location you touch with your finger is the same place as where ( ) is displayed.
	If ( ) is displayed in a different location to the point you touched, select **Up** once using the control panel or the remote control. Next, touch ( ) again with your finger to confirm. Repeat until ( ) is displayed in the correct position.

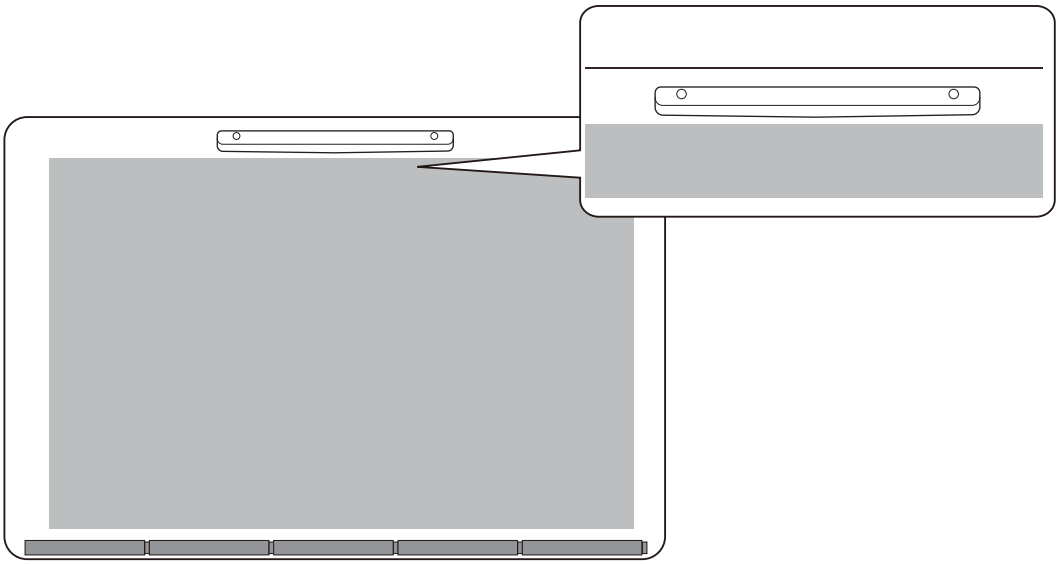
Adjustment is complete when ( ) appears in the correct position for all four ( ) positions.

Go to "Calibrating the Touch Operation Position" p.118.

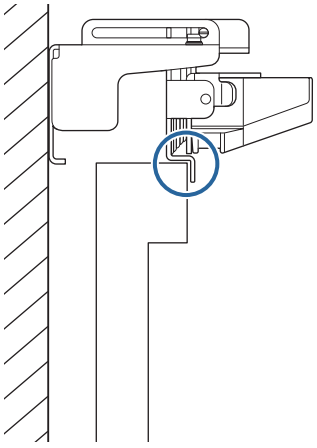
When auto adjustment fails

1 Check that the Touch Unit installation position is correct

- Make sure that the Touch Unit and the projected image are parallel.

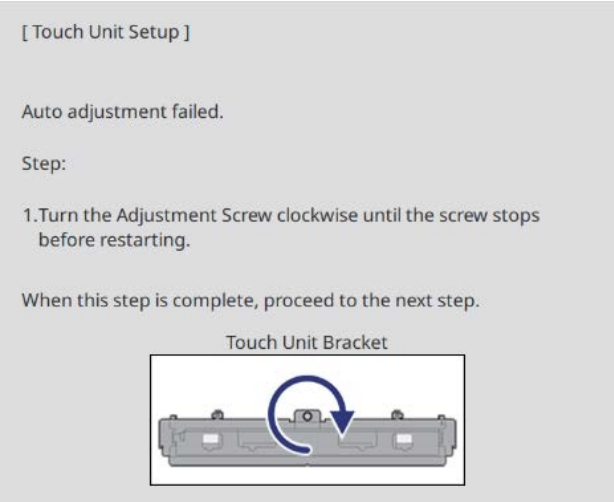


- If you are using a Touch Unit Bracket, make sure that the bottom edge of the bracket is flush with the edge of the projection surface without any gaps.



2 Check the message displayed and take the necessary action

- If the following screen is displayed, adjust the angle of the laser, and then perform auto adjustment again. For details, see "Adjusting the angle of the laser" p.110.

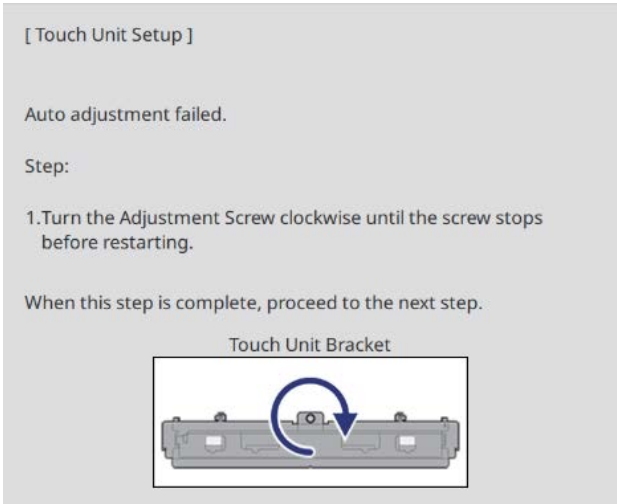


- If a screen other than the above is displayed, check all of the information displayed on the screen. When you have checked everything, perform **Touch Unit Setup (Auto)** or **Touch Unit Setup (Manual)** from the **Installation** menu again. For details on manual adjustments, see "Manually adjusting the angle of the laser" p.112.

> If the problem continues to occur even after checking all of the items, the Touch Unit may be malfunctioning. Contact your dealer.

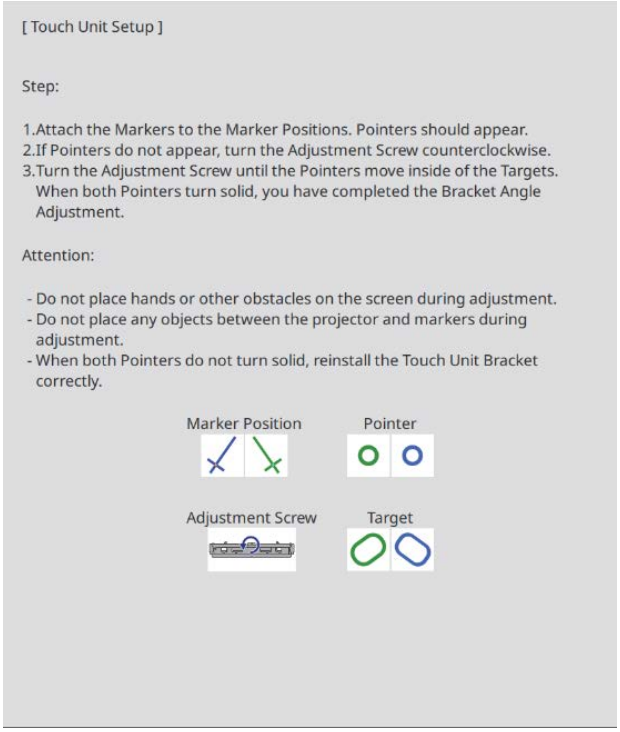
Adjusting the angle of the laser

This section explains how to re-adjust the laser when you see the following screen.

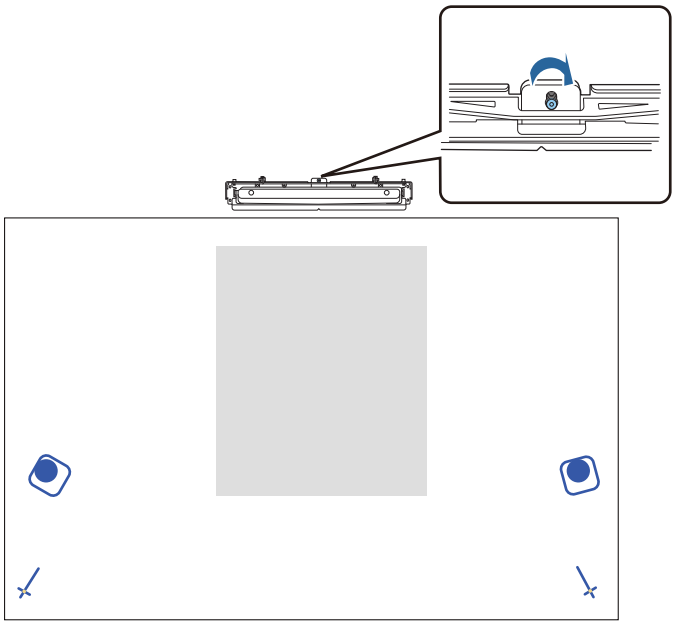


1 Press the Enter button

You see the following adjustment screen.

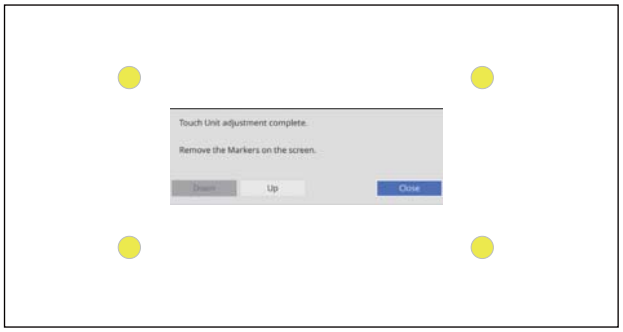


2 Turn the adjustment screw clockwise to cover the left and right pointers



3 Press the [Enter] button to start Touch Unit auto adjustment

4 When adjustment is complete and you see the following screen, remove the markers from the projection surface

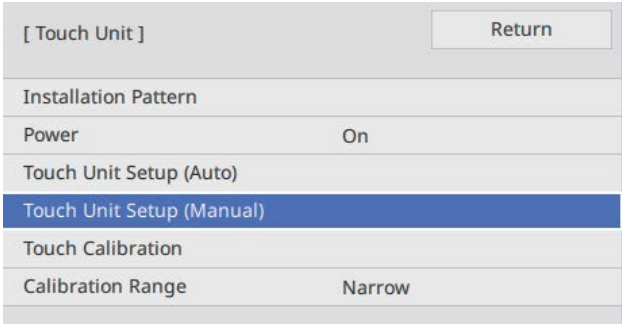


If you see a message notifying you that auto adjustment has failed, check "When auto adjustment fails" p.109.

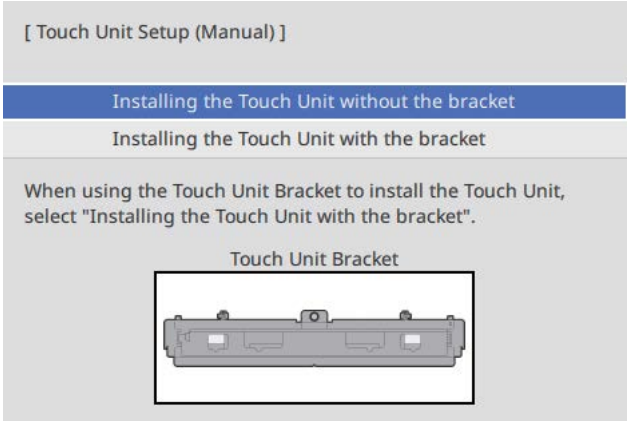
Manually adjusting the angle of the laser

If **Touch Unit Setup (Auto)** fails, you can make adjustments manually.

1 Select **Touch Unit** - **Touch Unit Setup (Manual)** from the **Installation** menu

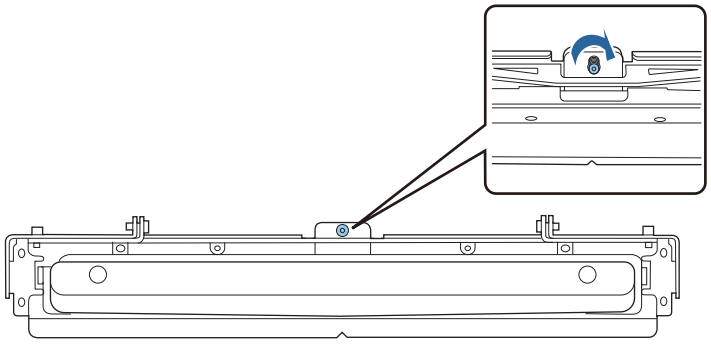


2 Select whether or not the Touch Unit Bracket is being used

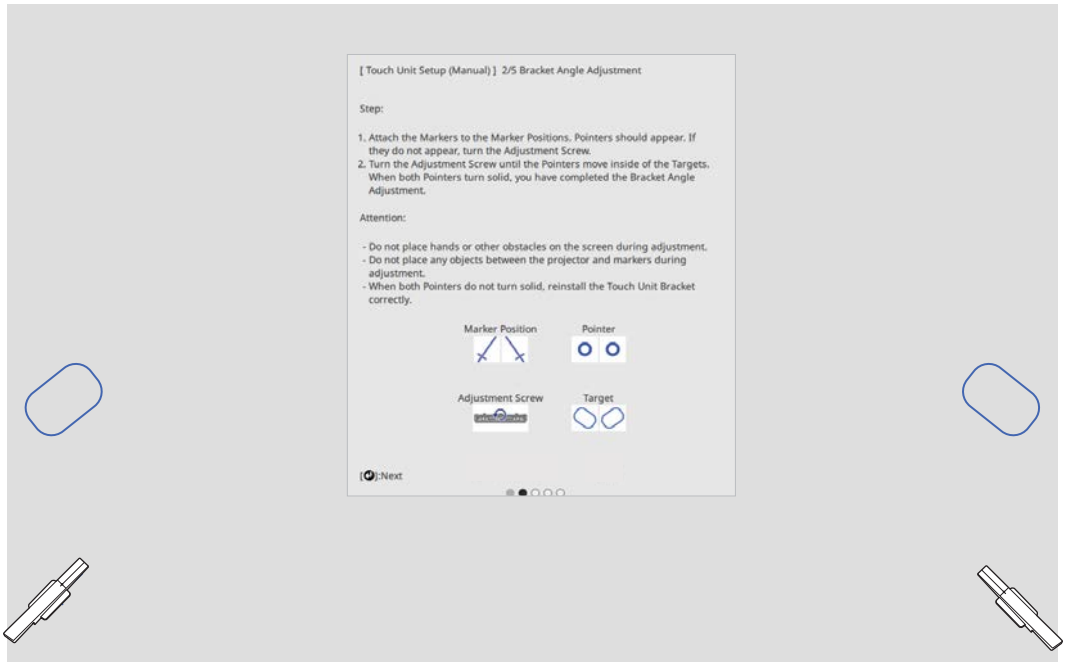


If you select **Installing the Touch Unit without the bracket**, go to step 6.

3 If you are using the Touch Unit Bracket, turn the adjustment screw on the top of the bracket clockwise until you cannot turn it any further



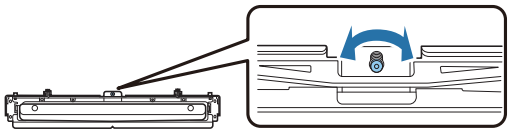
4 If you are using the Touch Unit Bracket, place the two markers supplied on the marker positions on the projection screen and secure them

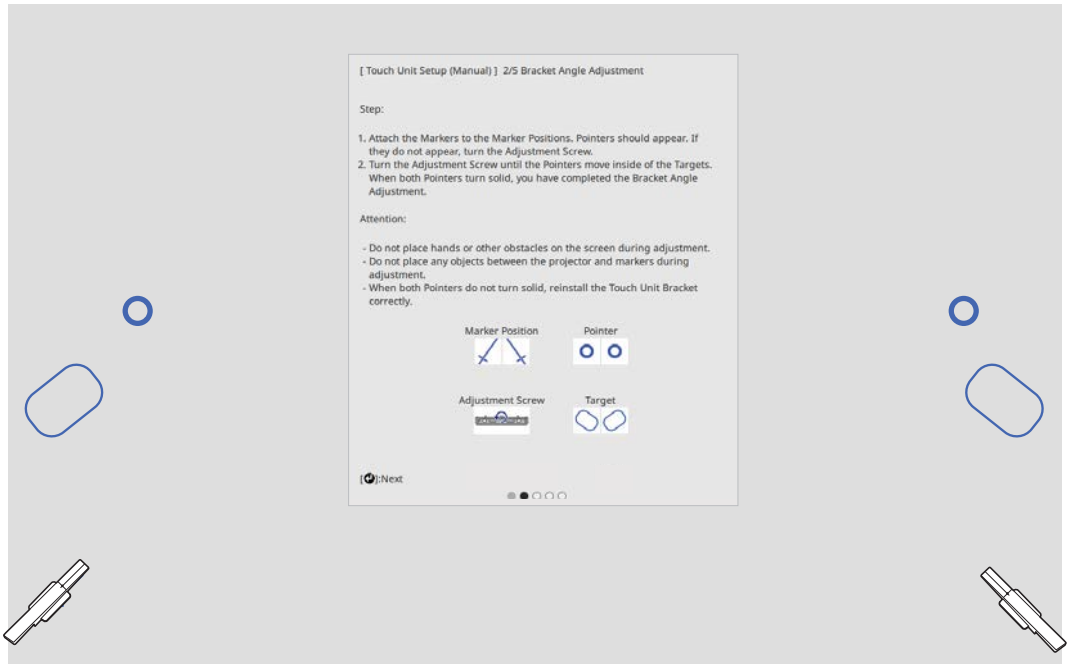


When the markers have been secured, pointers are displayed on the left and right of the projection screen.

If the pointers are not displayed, turn the adjustment screw on the top of the Touch Unit Bracket until they are displayed.

5 If you are using the Touch Unit Bracket, turn the adjustment screw on the top of the bracket to move the pointers into the targets

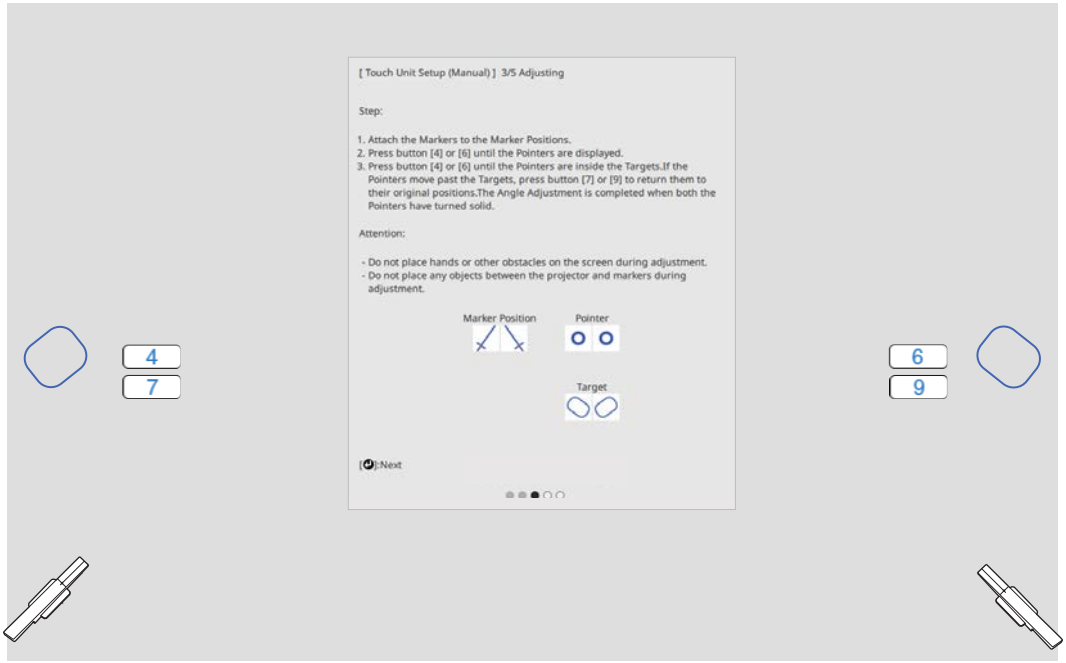




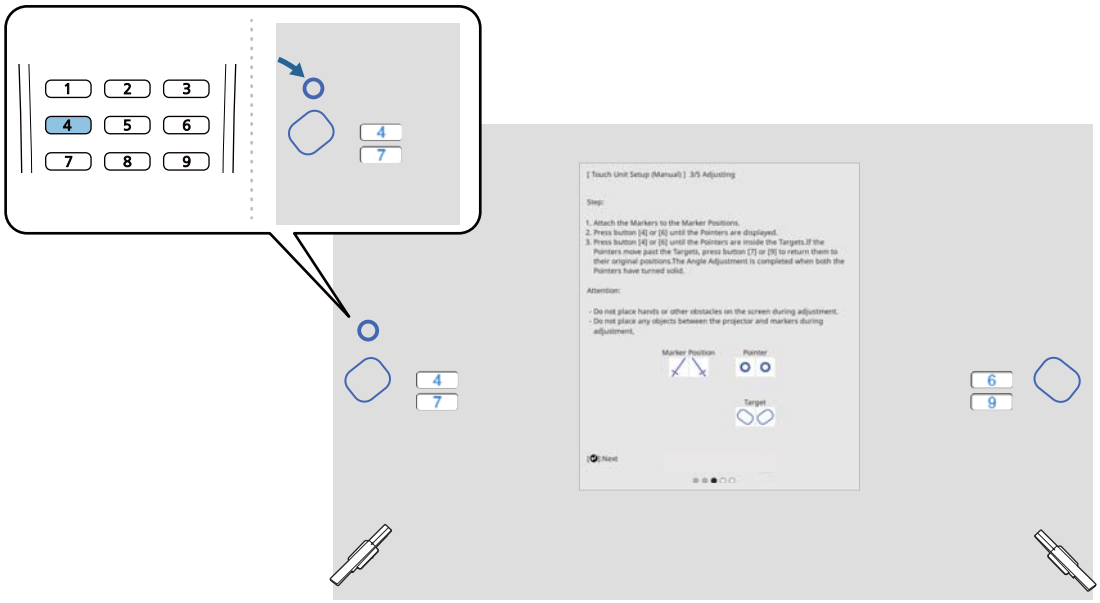
When they are in the targets, the pointers are filled in (●).

When the pointers on the left and right are filled in, press the [Enter] button on the remote control.

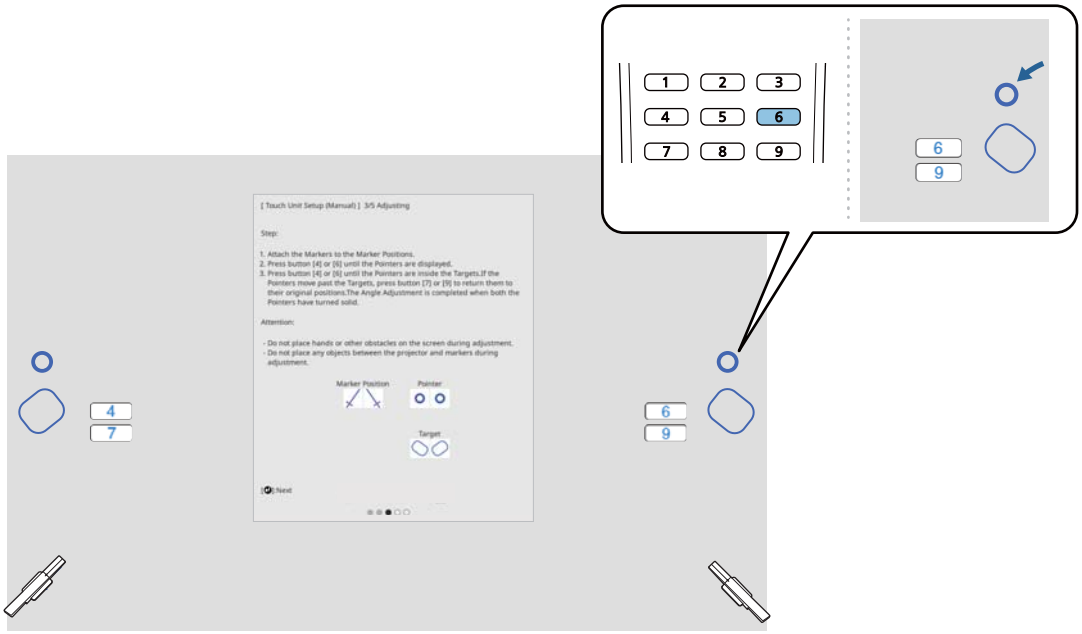
6 Place the two markers supplied on the marker positions on the projection screen and secure them



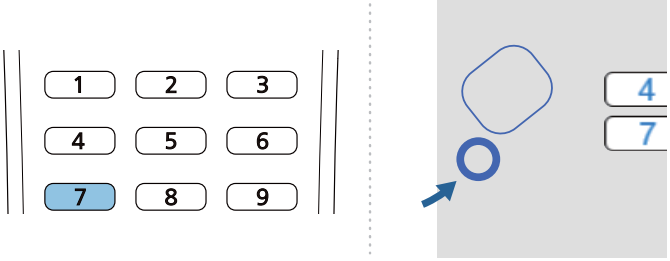
7 Press the number [4] button on the remote control until a pointer is displayed on the left of the projection screen



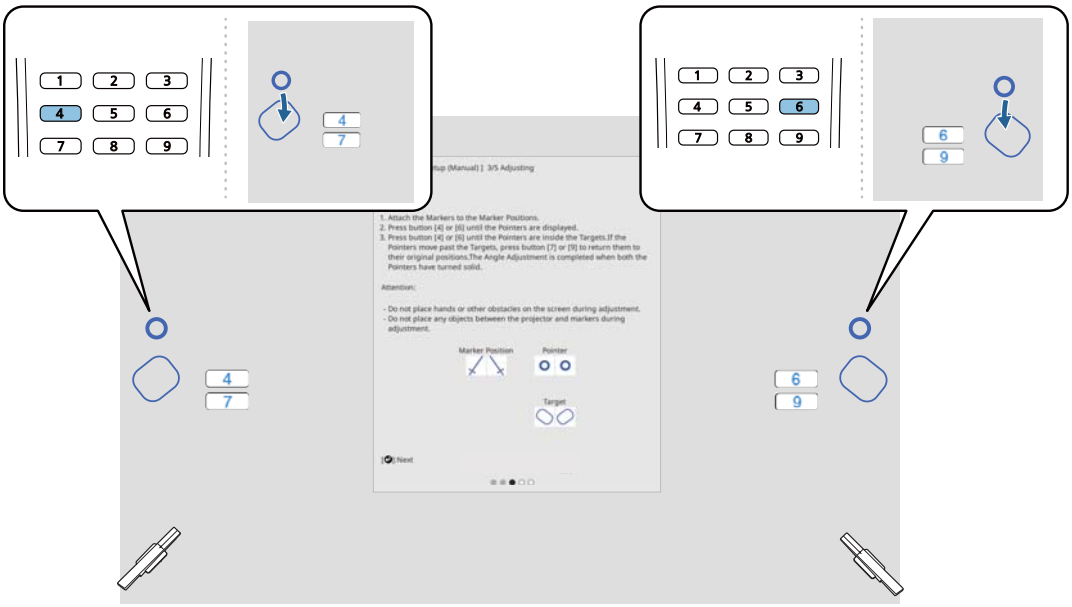
8 Press the number [6] button on the remote control until a pointer is displayed on the right of the projection screen



If the pointer on the left moves off the screen while you are moving the pointer on the right, press the number [7] button on the remote control until it is displayed again.



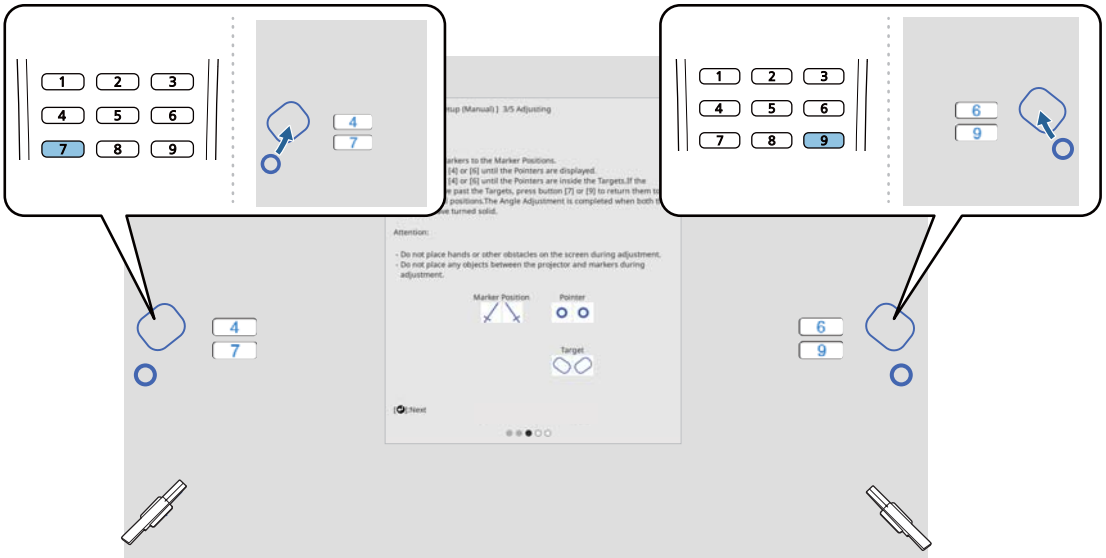
9 Move the left and right pointers using the number [4] or [6] buttons on the remote control to move them into the targets



When they are in the targets, the pointers are filled in (●).

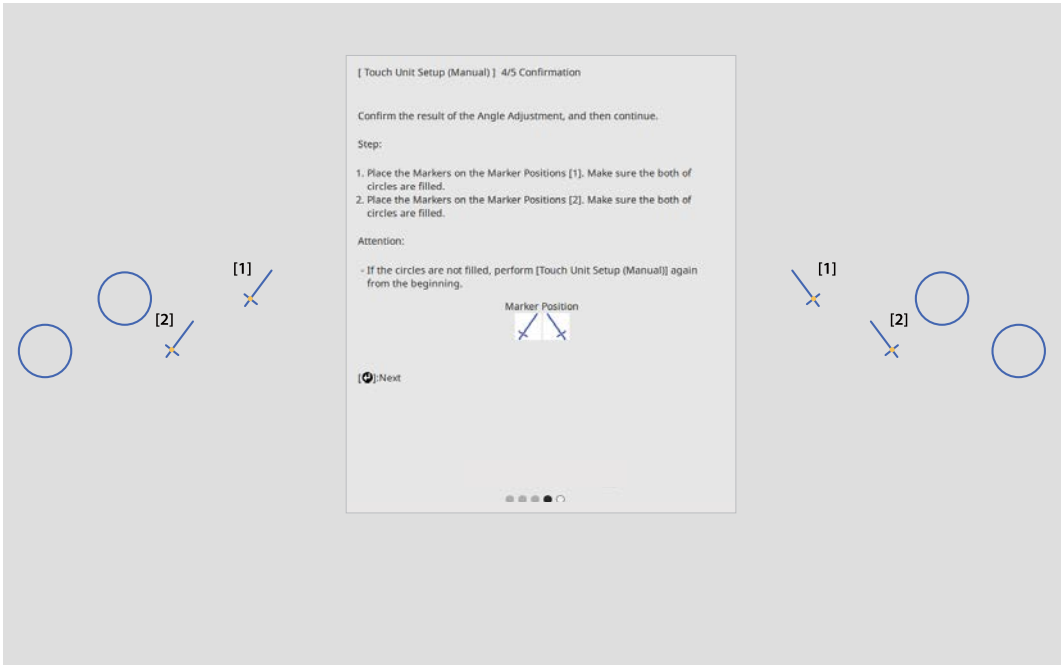
When the pointers on the left and right are filled in, press the [Enter] button on the remote control.

- When you move one pointer, the other pointer also moves slightly. We recommend adjusting the left and right pointers alternating a little at a time while checking the position of the pointers.
- If the pointers move beyond the target positions, use the number [7] or [9] buttons on the remote control to move the pointers in the opposite direction.



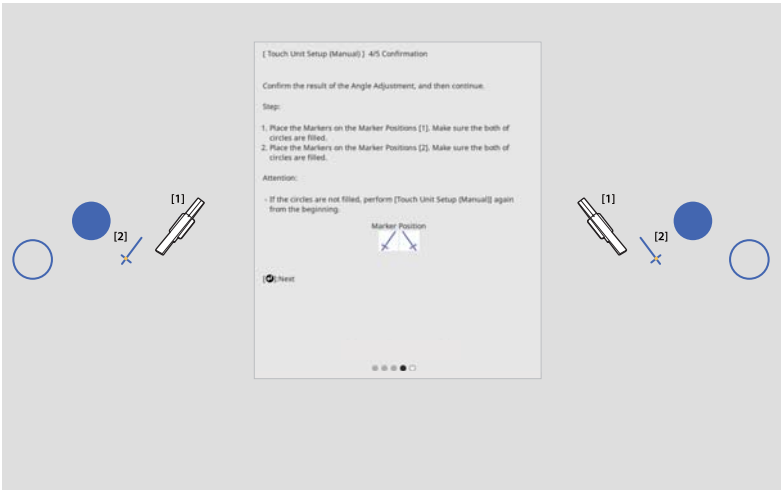
- If you cannot move the pointers as intended, press the [Esc] button on the remote control and start again from step 6.

10 Follow the on-screen instructions to place the markers on the marker positions, and then check the adjustment results

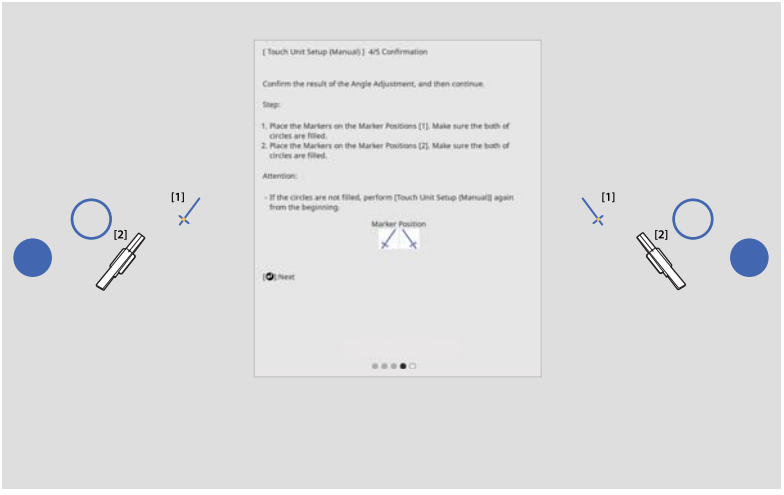


Check that the circles displayed on the projection screen are filled in when the markers are placed on the marker positions.

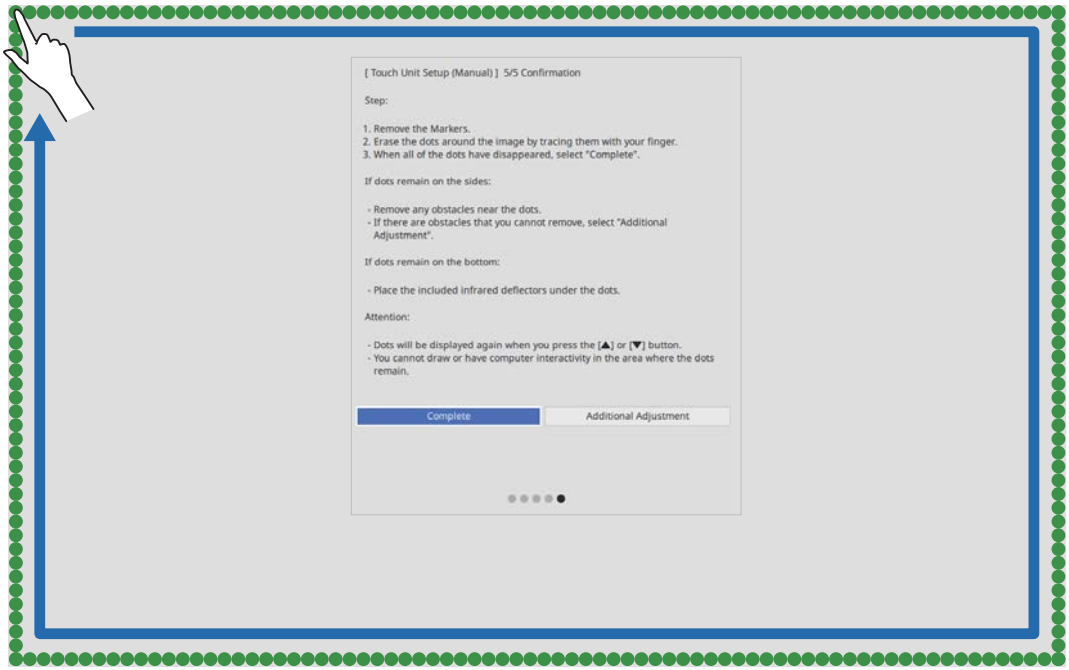
When a marker is placed on position [1]



When a marker is placed on position [2]



11 Remove the markers, and then trace the dots on the projection screen with your finger to erase them



When all of the dots have disappeared, select **Complete**.

Go to "Calibrating the Touch Operation Position" p.118.

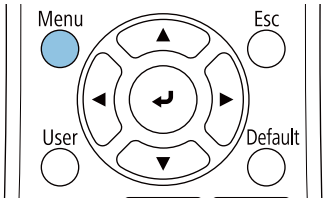
If any of the dots will not disappear, select **Additional Adjustment**. Follow the on-screen instructions at adjust again.

Calibrating the Touch Operation Position

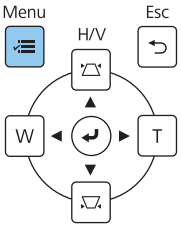
Perform touch calibration so that the projector can recognize touch operations precisely.

1 Press the projector's [Menu] button

Using the Remote Control



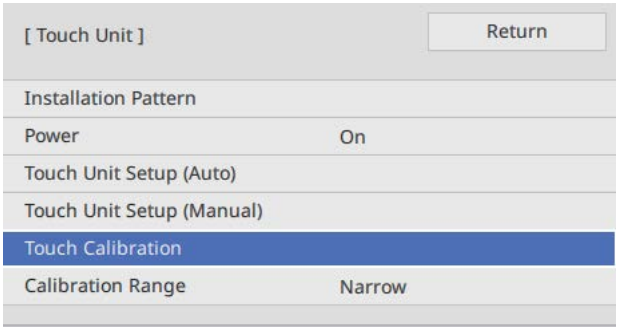
Using the Control Panel



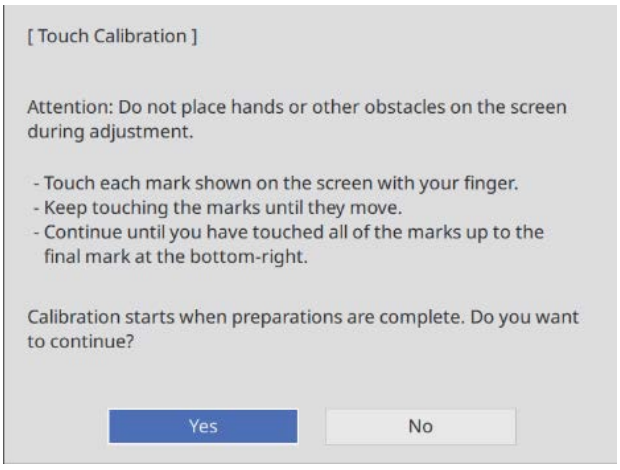
2 Select **Touch Unit** from the **Installation** menu



3 Select **Touch Calibration**



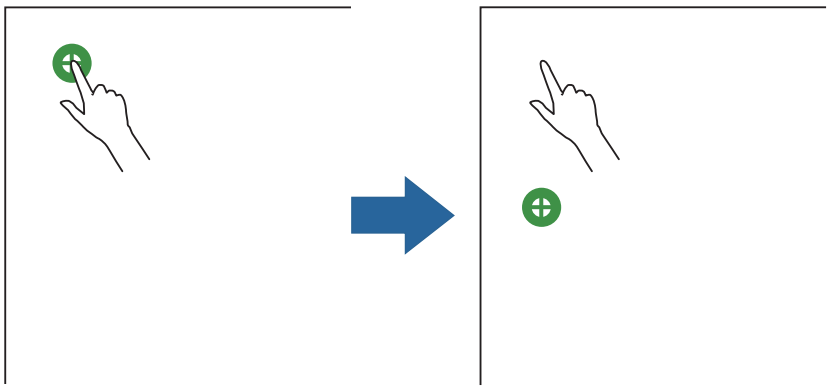
4 Select **Yes**



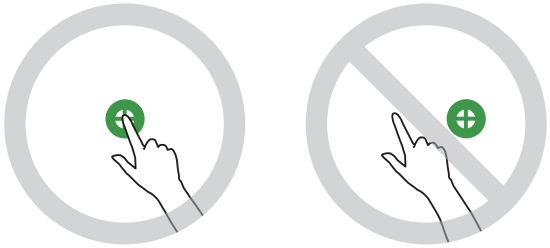
You see a dot at the top left of the projection screen.

5 Touch the center of the dot with your finger

When the dot disappears and moves to the next position, remove your finger.

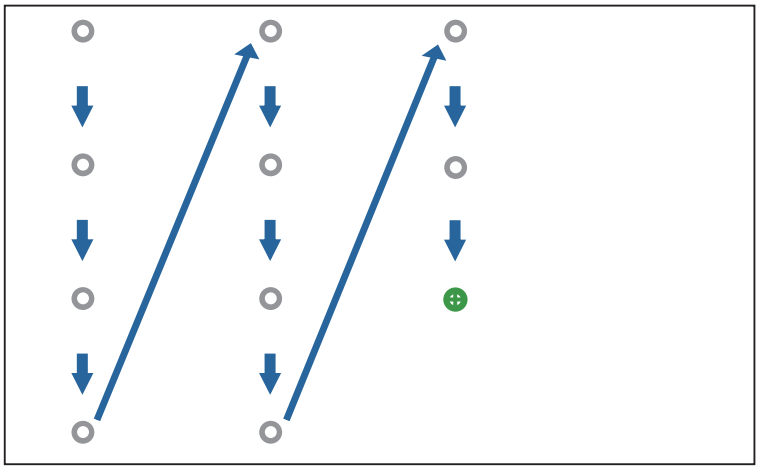


- Make sure you touch the center of the dot. Otherwise, it may not be positioned correctly.



- Do not touch with anything else except the tip of your finger.

6 Repeat step 5 until all of the dots disappear



When all of the dots disappear, touch calibration is complete.

- If you touch the wrong position, press the [Esc] button on the remote control or control panel. This returns you to the previous dot. You cannot go back by two dots.
- To cancel touch calibration, hold down the [Esc] button for two seconds.
- It may take several seconds after all of the dots have disappeared until touch calibration is complete.

Batch Setup Function

After making the projector's menu settings for one projector, you can copy the settings to other 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.
- Make settings using Epson Projector Management.

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

For details on making settings using Epson Projector Management, see the *Epson Projector Management Operation Guide*.

- If you do not want to copy the following settings, set **Batch Setup Range** to **Limited**.
  - **Password Protection**
  - **EDID** from the **Signal I/O** menu
  - **Network** menu
- Perform batch setup before adjusting the position of the projectors. The batch setup function copies adjustment values for the projected image such as Geometry Correction. If batch setup is performed after adjusting the position of the projectors, the adjustments you made may change.
- By using the batch setup function, the registered User's Logo is copied to the other projectors. Do not register confidential information as the User's Logo.

Caution

Performing batch setup is the customers responsibility. If batch setup fails due to an accident such as a power failure, communication error, 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

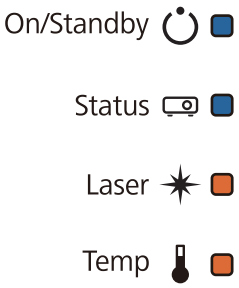
2 Connect the USB flash drive to the projector's USB-A port

- 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.

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

The On/Standby indicator and the Status indicator turn blue, and the Laser indicator and the Temp indicator turn orange.

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

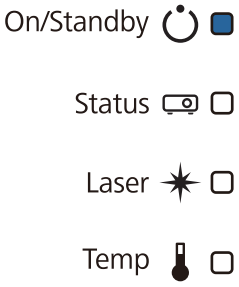


When all of the indicators start flashing, the batch setup file is being written.

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, and only the On/Standby indicator is lit blue.



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

- 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.

Copying 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

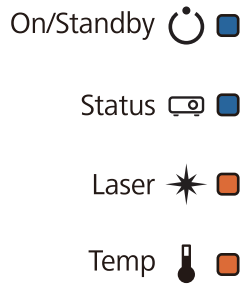
2 Connect the USB flash drive containing the saved batch setup file to the projector's USB-A port

> 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 copied correctly.

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

The On/Standby indicator and the Status indicator turn blue, and the Laser indicator and the Temp indicator turn orange.

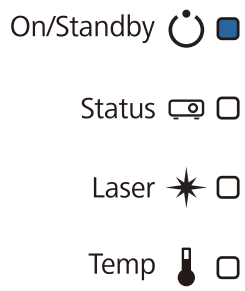
When all of the projector's indicators turn on, release the [Menu] button. The indicators turn on for approximately 75 seconds.



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, and only the On/Standby indicator is lit blue.



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 7 and later
- OS X 10.11 and later

Saving settings to a computer

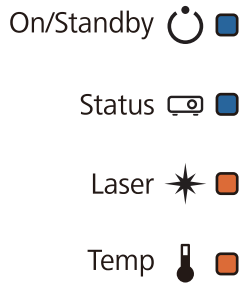
1. Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off

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

   The On/Standby indicator and the Status indicator turn blue, and the Laser indicator and the Temp indicator turn orange.

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

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

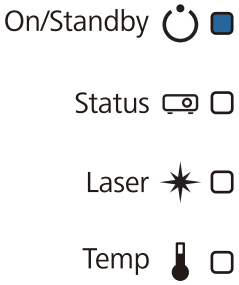
4. Open the removable disk, and save the batch setup file (PJCONFDATA.bin) to the computer

   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 a Mac, perform "Remove EPSON_PJ".

The projector turns off, and only the On/Standby indicator is lit blue.



Copying saved settings to other projectors

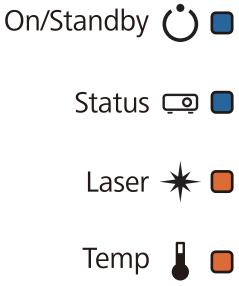
1 Disconnect the power cord from the projector, and check that all of the projector's indicators have turned off

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

The On/Standby indicator and the Status indicator turn blue, and the Laser indicator and the Temp indicator turn orange.

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

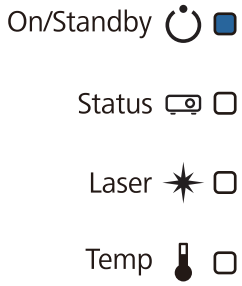
When using a Mac, perform "Remove EPSON_PJ".

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

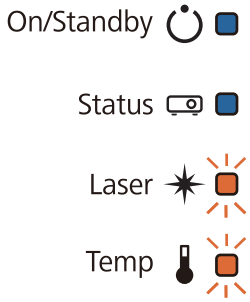
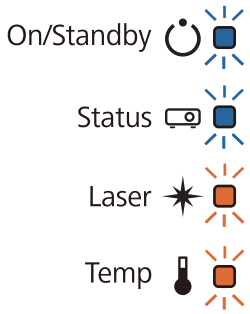
Caution

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, and only the On/Standby indicator is lit blue.

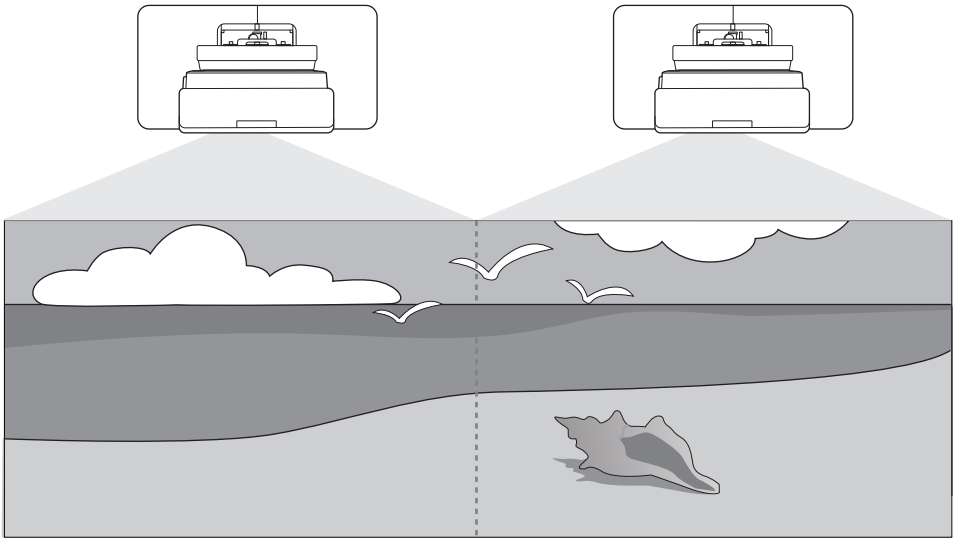


When Setup Fails

Check	Remedy
Are the Laser and the Temp indicators flashing orange quickly? 	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.
Are the On/Standby and the Status indicators flashing blue, and the Laser and the Temp indicators flashing orange quickly? 	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 Epson for help.

Installing Multiple Projectors (Multi-Projection)

You can create one horizontally long screen as a unified image projected from multiple projectors.



When performing multi-projection, make connections and the necessary settings in the following order.

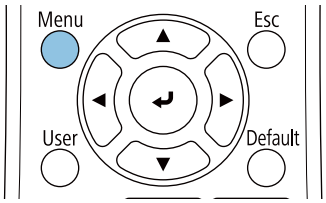
When setting Multi-Projection, we recommend setting **Operation** > **Sleep Mode** to **Off** from the projector's Menu.

1. Setting the Projector ID (☛ p.127)
2. Multi-Projection image adjustment (☛ p.129)
3. Projector Sync. Settings (☛ p.130)

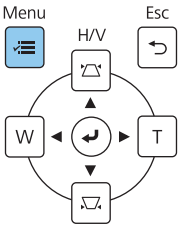
Setting the Projector ID

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

Using the Remote Control



Using the Control Panel



2 Select **Projector ID** from the **Installation** menu



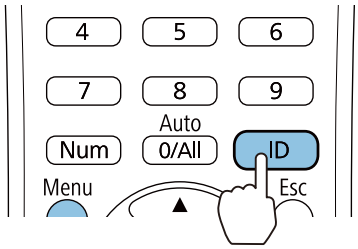
3 Select the ID number for the projector



4 Press the [Esc] button to close the menu

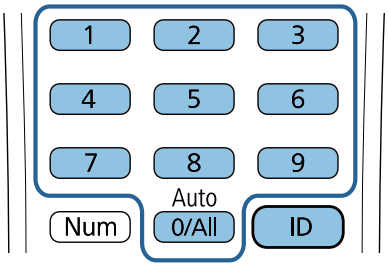
Repeat steps 1 to 4 for the remaining projectors.

5 Point the remote control at the projector you want to operate, and then press the [ID] button



The current ID number is displayed on the projection screen.

6 While holding down the [ID] button, press the button with the same number as the projector ID for the projector you want to operate



Remote control operations for the projector with the selected ID are enabled.

- When **Projector ID** is set to **Off**, you can operate the projector using the remote control regardless of the ID setting selected using the remote control.
- When the remote control ID is set to 0, you can operate all of the projectors regardless of the projector ID setting.
- Operating multiple remote controls at the same time can cause accidental operations due to infrared interference.

Adjusting the Image in Multi-Projection

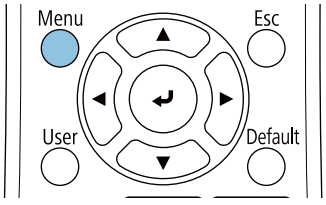
Images are not stable immediately after turning on the projector. After starting projection, wait for at least 30 minutes before adjusting the image.

When using the EB-735Fi/EB-725Wi

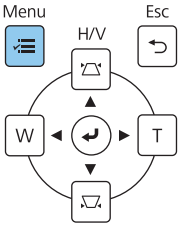
1 Turn on the projector

2 Press the [Menu] button

Using the Remote Control



Using the Control Panel



3 Make the necessary settings from the following menus

For details on making settings, see the projector's *User's Guide*.

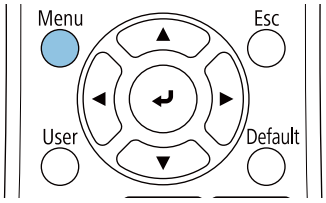
Image - **Color Mode** (Press the [Color Mode] button on the remote control to execute)	Select the same item for each projector so that the color of the entire image looks uniform.
Operation - **Light Source Brightness Control** - **Light Source Mode**	Adjust the brightness of the entire image. Select **Custom**, and then adjust the **Brightness Level** based on the darkest projector.
Management - **Color Uniformity** **Image** - **RGBCMY**	Adjust the color of the image for each projector so that the entire image looks uniform.

Projector Sync. Settings (only when using interactive functions)

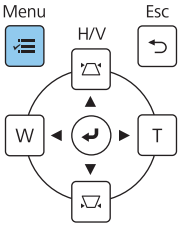
Connect the projectors in advance by using the remote control cable set (ELPKC28). For details, see "When Installing Multiple Projectors Nearby" p.15.

1 Press the [Menu] button

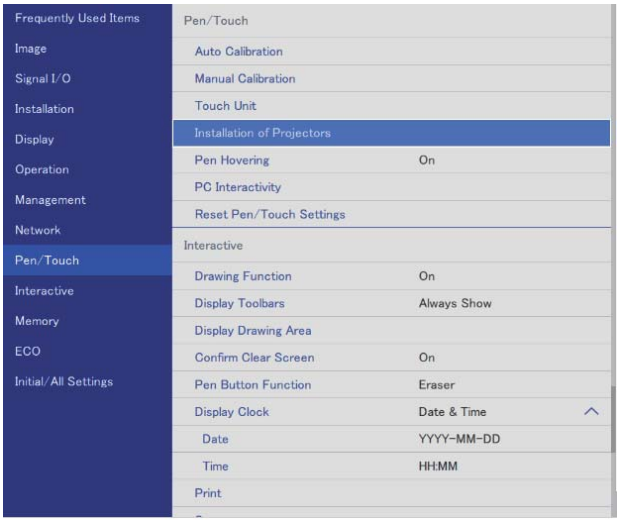
Using the Remote Control



Using the Control Panel



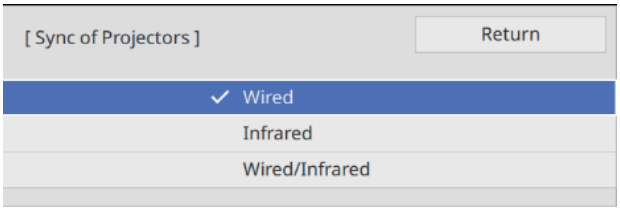
2 Select **Installation of Projectors** from the **Pen/Touch** menu



3 Select **Sync of Projectors**



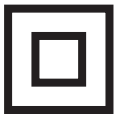
4 Select **Wired**



List of Safety Symbols

The following table lists the meaning of the safety symbols labeled on the equipment.

Symbol mark	Approved standards	Meaning
	IEC60417 No.5007	Power On To indicate connection to the mains.
	IEC60417 No.5008	Power Off To indicate disconnection from the mains.
	IEC60417 No.5009	Standby To identify the switch or switch position by means of which part of the equipment is switched on in order to bring it into the standby condition.
	ISO7000 No.0434B IEC3864-B3.1	Caution To identify general caution when using the product.
	IEC60417 No.5041	Caution, hot surface To indicate that the marked item can be hot and should not be touched without taking care.
	IEC60417 No.6042 ISO3864-B3.6	Caution, risk of electric shock To identify equipment that presents a risk of electric shock.
	IEC60417 No.5957	For indoor use only To identify electrical equipment designed primarily for indoor use.
	IEC60417 No.5926	Polarity of d.c. power connector To identify the positive and negative connections (the polarity) on a piece of equipment to which a d.c. power supply may be connected.
	---	
	IEC60417 No.5001B	Battery, general On battery powered equipment. To identify a device for instance a cover for the battery compartment, or the connector terminals.
	IEC60417 No.5002	Positioning of battery To identify the battery holder itself and to identify the positioning of the batteries inside the battery holder.
	---	
	IEC60417 No.5019	Protective earth To identify any terminal which is intended for connection to an external conductor for protection against electric shock in case of a fault, or the terminal of a protective earth electrode.
	IEC60417 No.5017	Earth To identify an earth (ground) terminal in cases where the ⏚ is not explicitly required.

Symbol mark	Approved standards	Meaning
	IEC60417 No.5032	Alternating current To indicate that the equipment is suitable for alternating current only; to identify relevant terminals.
	IEC60417 No.5031	Direct current To indicate that the equipment is suitable for direct current only; to identify relevant terminals.
	IEC60417 No.5172	Class II equipment To identify equipment meeting the safety requirements specified for Class II equipment according to IEC 61140.
	ISO 3864	General prohibition To identify actions or operations that are prohibited.
	ISO 3864	Contact prohibition To indicate injury that could occur due to touching a specific part of the equipment.
	---	Never look into the projection window while the projector is on.
	---	To indicate that you must never place anything on the projector.
	ISO3864 IEC60825-1	Caution, laser radiation To indicate the equipment has a laser radiation part.
	ISO 3864	Disassembly prohibition To indicate a risk of injury, such as electric shock, if the equipment is disassembled.
	IEC60417 No.5266	Standby, partial standby To indicate that part of the equipment is in the ready status.
	ISO3864 IEC60417 No.5057	Caution, movable parts To indicate that you must keep away from movable parts according to protection standards.
	IEC 60417-6056	Caution, movable fan blades To indicate that you must keep away from the blades of the movable fan according to protection standards.
	IEC 60417-6043	Caution, sharp corners To indicate that you must not touch the sharp corners of the product according to protection standards.
	--	Never look into the projection window while the projector is on.
	ISO7010 No. W027 ISO 3864	Warning, light emission (UV, visible light, IR and so on) To indicate that you must be careful not to injure your eyes or skin when near light emitting sections.
	IEC60417 No.5109	Not to be used in residential areas To indicate that the electrical equipment/device is not suitable for use in a residential area.

Indication of the manufacturer and the importer in accordance with requirements of directive 2011/65/EU (RoHS)

Manufacturer: SEIKO EPSON CORPORATION

Address: 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan

Telephone: 81-266-52-3131

http://www.epson.com/

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