

LAMP® ALT-2V-360 POCKET DOOR HARDWARE (INSET) Installation Manual

Thank you for selecting our product. Before starting installation, please read this manual thoroughly to ensure correct installation. Please keep this manual at hand for future reference.

ABOUT THIS PRODUCT

- This product is parts set for installation of pocket door for cabinets.
- The door is stored inside the cabinet.

SPECIFICATION

| Type | S | M | L | LL |
|---------------------|---------------|--|----------------|----------------|
| Rail Q'ty | 2 | 3 | 3 | 4 |
| Max. Door width | Max. 560 mm | Max. 560 mm | Max. 560 mm | Max. 600 mm |
| Max. Door height | 820 – 1060 mm | 1240 – 1500 mm | 1640 – 1840 mm | 1980 – 2300 mm |
| Max. Door thickness | 18 – 30 mm | (18 – 20 mm when using 360-(C、D)26-0T) | | |
| Max. Door weight | Max. 5 kg | Max. 6 kg | Max. 8 kg | Max. 10 kg |

FOR YOUR SAFE WORK AND CORRECT INSTALLATION

Meaning of symbols



⚠ Caution If these cautions are not followed, it may result in injury or damage.

- ⚠ It is necessary to manufacture the cabinet with sufficient strength so it endures the weight of the door and impact shocks upon opening/closing the door. Also make sure to only use the designated screws and to fasten them firmly. A cabinet with poor strength or loose screws might result in the door falling and causing injury.
- ⚠ Make sure to follow the designated measurements, specifications, and horizontal/vertical angles. Make sure that the cabinet is not warped, since it may affect the movement of the door.
- ⚠ Position the handle so that the hand holding the handle does not strike the side board.
- ⚠ When moving the cabinet, remove the door and re-assemble it at the site.
- ⚠ This (sliding door system) is a part for furniture fittings. After installation, make sure to test the finished product thoroughly to ensure that it is well-functioning and safe.
- ⚠ Make sure to check the screws for slack at regular intervals (one month from first usage, half year and then one time every year is recommended).

About door operation · · · Inform cabinet users of the following precautions.

- ⚠ Do not try to open the door more than 93°.
- ⚠ Do not try to close the door before pulling out fully. It will damage the hinges.
- ⚠ To prevent injuries, ensure that there is enough space around the handle.

COMPONENT PARTS

| Type | ① Rail ※ AL127C-** (**:Rail size) | ② Connecting plate ALT55-S:1 | ③ Concealed hinge H360-C26-0T H360-D26-0T | ④ Mounting plate ALT-MP360 | ⑤ AL127 Catch | Parts set | | | | |
|------|--|---------------------------------------|--|----------------------------------|---------------------|---------------------------|------------------------|------------------------------|----------------------|------------------------|
| | | | | | | ⑥ Roller DU19-B4SBR | ⑦ Roller bracket | ⑧ Insert nut SC-107-13 | ⑨ Slider G-175 | ⑩ Stopper ALT-AD |
| S | 2 | ALT55-S:1 | 2 | 2 | 1 | 2 | A: 1 B: 1 | 2 | 2 | 2 |
| M | 3 | ALT55-M:1 | 3 | 3 | 2 | 2 | A: 1 B: 1 | 2 | 2 | 3 |
| L | 3 | ALT55-L:1 | 3 | 3 | 2 | 2 | A: 1 B: 1 | 2 | 2 | 3 |
| LL | 4 | ALT55-LL:1 | 4 | 4 | 2 | 2 | A: 1 B: 1 | 2 | 2 | 4 |

※ 1 Rail size (inches) : 16、19、22、24、28



Part number guide

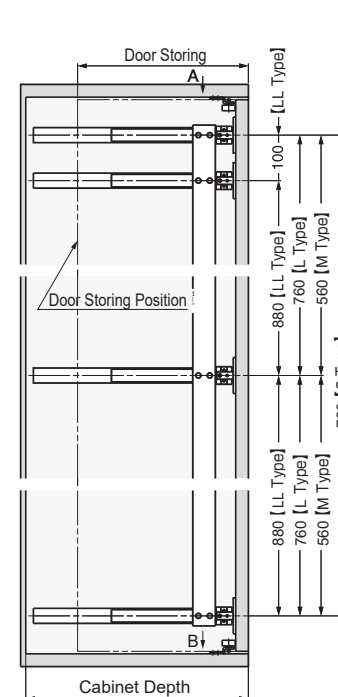
ALT-2V- C/D 360 S - 16

Item No. _____
With catch(C) _____
With damper(D) _____
Type _____
Size of rail _____

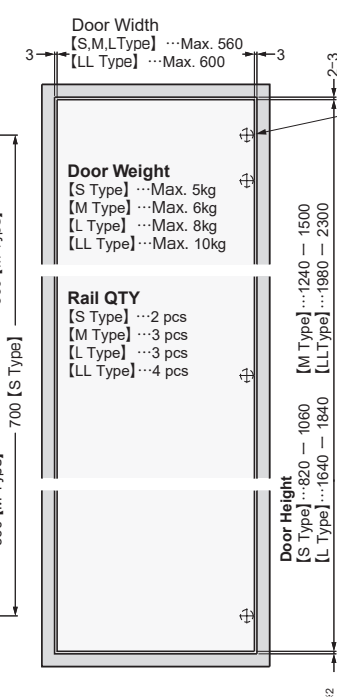
CABINET / DOOR WIDTH DIMENSIONS

The dimensions written within the brackets () apply when used with the concealed hinge 360-(C、D)26-0T. To make installation as well as maintenance possible, make sure that the middle board can be removed.

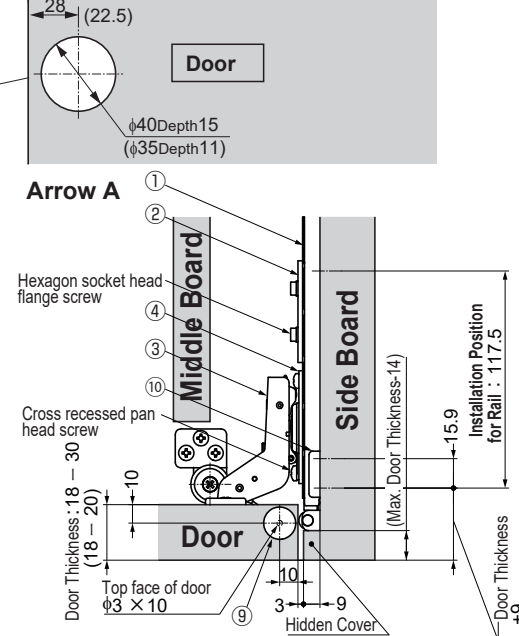
Side view



Front view



Door Processing



⚠ Caution
⚠ Make middle board removable for maintenance.

| Rail Size | Door Storing | Cabinet Depth |
|-----------|---|---------------------|
| 16 | 269+Door Thickness (270+Door Thickness) | 412+ Door Thickness |
| 19 | 345+Door Thickness (346+Door Thickness) | 488+ Door Thickness |
| 22 | 421+Door Thickness (422+Door Thickness) | 564+ Door Thickness |
| 24 | 472+Door Thickness (473+Door Thickness) | 615+ Door Thickness |
| 28 | 574+Door Thickness (575+Door Thickness) | 717+ Door Thickness |

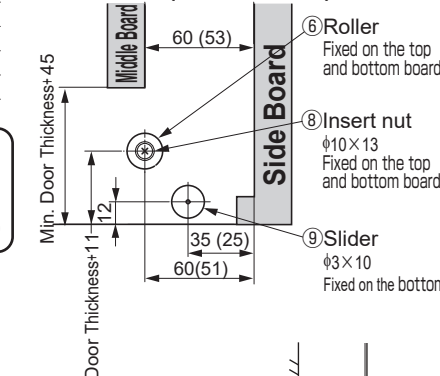
⚠ Caution

- Be sure to mount rails parallel to each other.
- Attach the catch to the front end of the lower two rails as shown below. (As for ALT-2V-360S, the lowest rail only.)

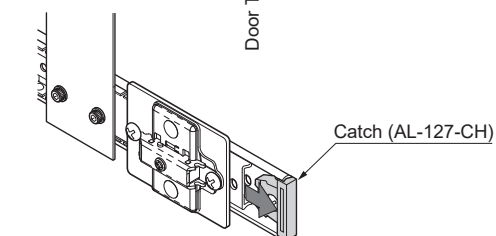
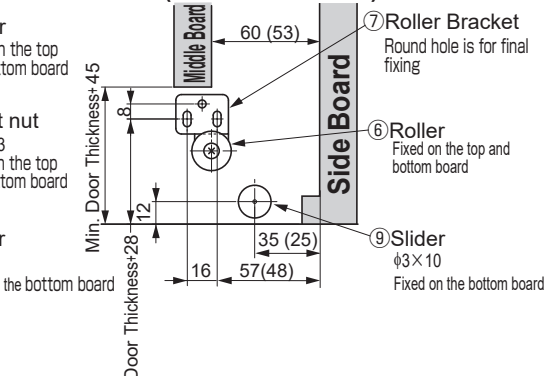
☐ Catch (AL-127-CH)

- This part catches the door at pulled out position.
- Attach the catch to the front end of rail.
See INSTALLATION PROCEDURE 3 for detail.

※2 Arrow B (for Insert nut)



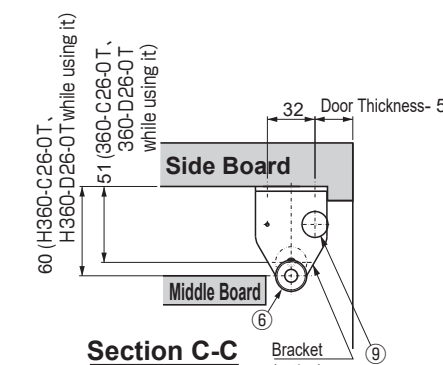
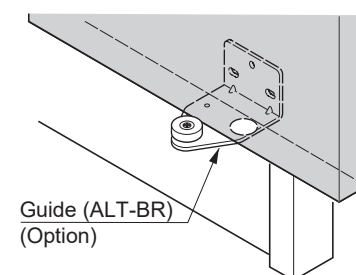
※3 Arrow B (for Roller bracket)



OPTIONAL PARTS

☐ Bracket (side mount) ALT-BR

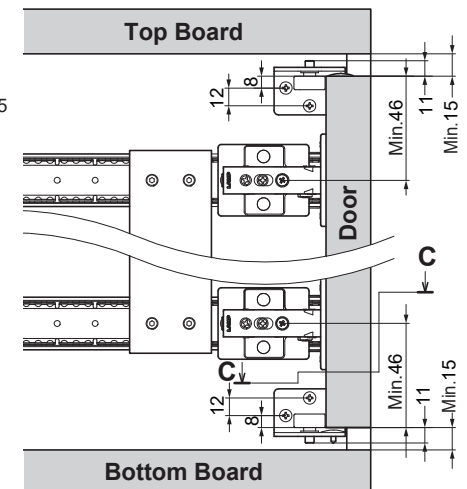
- This is a side mount bracket, designed to be used for applications where floor mounting is not possible.
- The bracket is non-handed.
- Can support thick doors since it is mounted to the roller on two places.



Section C-C

Mounting of slider

Above drawing shows the case of mounting on the right side board. In case of left side board, mount the slider in the left hole.



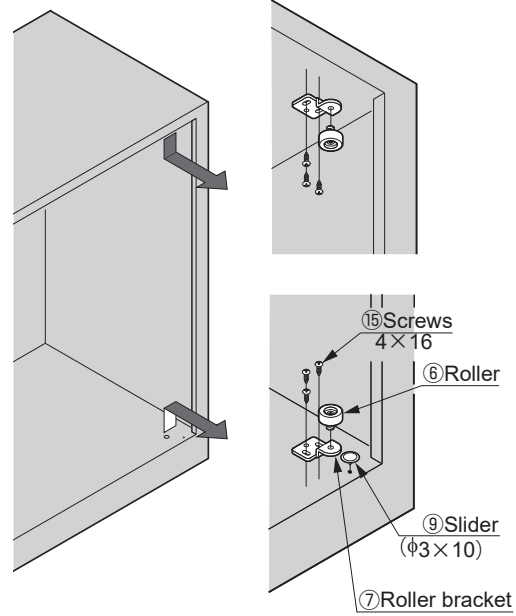
Dimensions when using Side mount bracket

INSTALLATION PROCEDURE

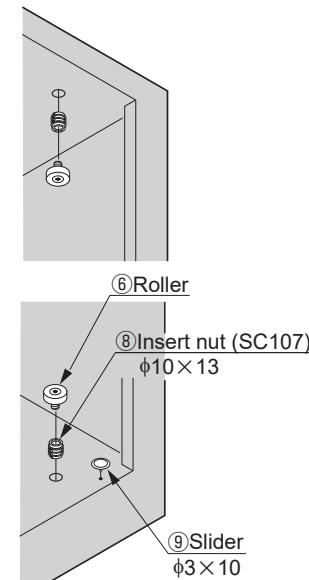
1 Fixing Roller and Slider

■Fixed on the top and bottom board

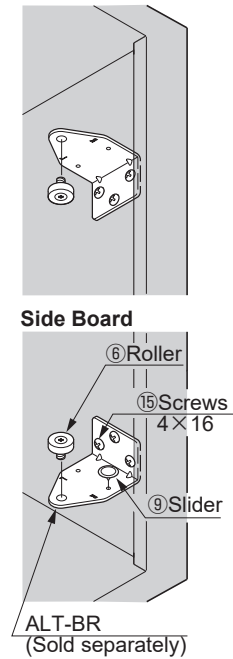
〈Use Roller bracket⑦〉



〈Use Insert nut⑧〉



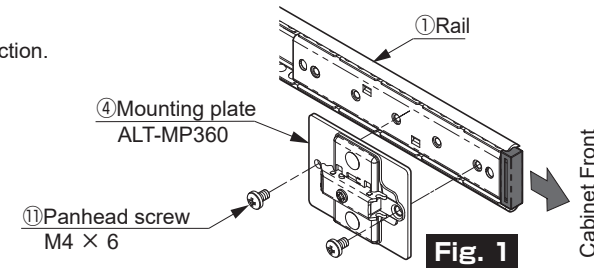
■Fixed on the side board



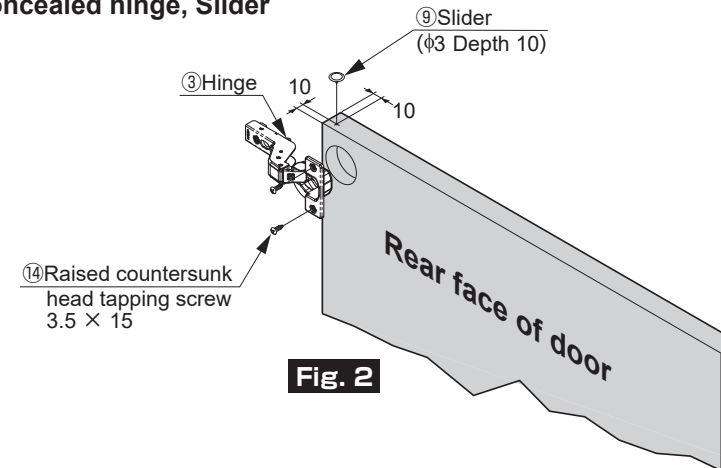
2 Mounting plate, Concealed hinge, Slider

■Mounting plate

Pay attention to the direction.

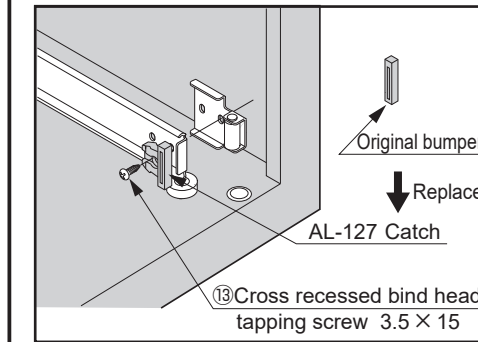


■Concealed hinge, Slider



3 Mounting Rail temporarily, Fixing Door stopper

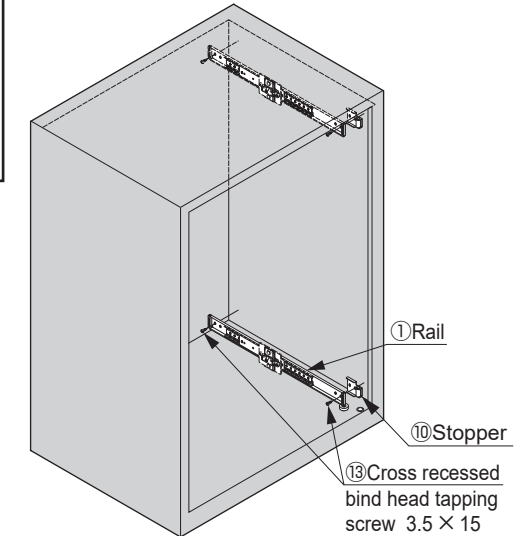
■Stopper



■Rail

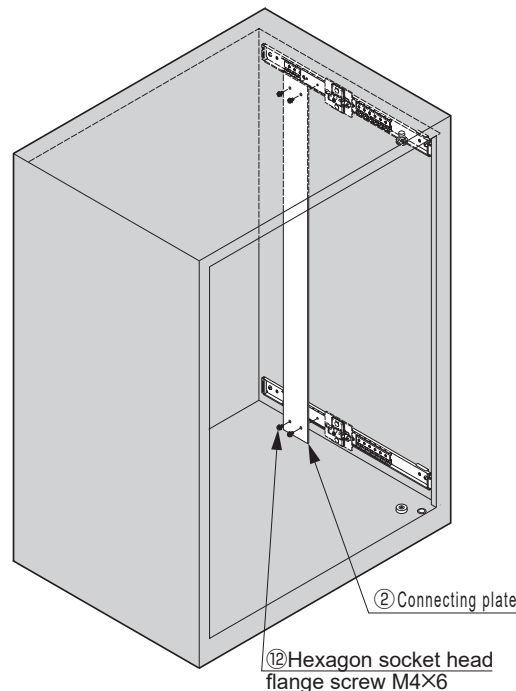
Mount the rails on the specified position temporarily by two screws only. (Bind tapping screw 3.5 x 1.5) The rails will be fixed later.

Remove the original bumpers from the lower two rails (for type S only one rail), and replace them with the catches.



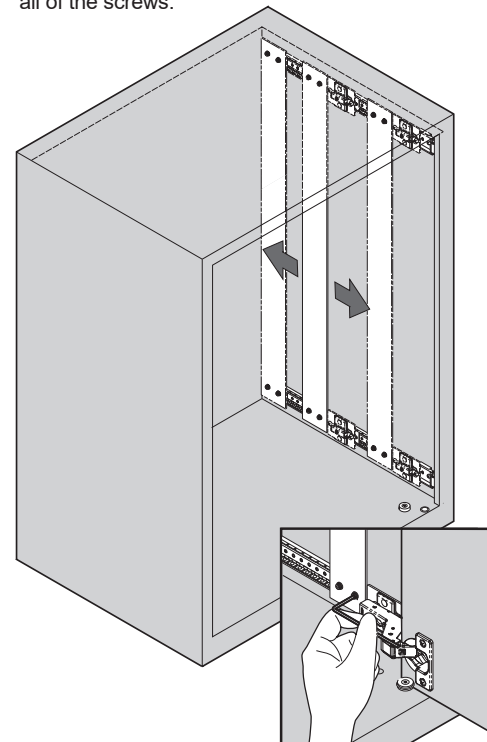
4 Fixing Connection plate

Mount the connecting plate on the Rails temporarily.



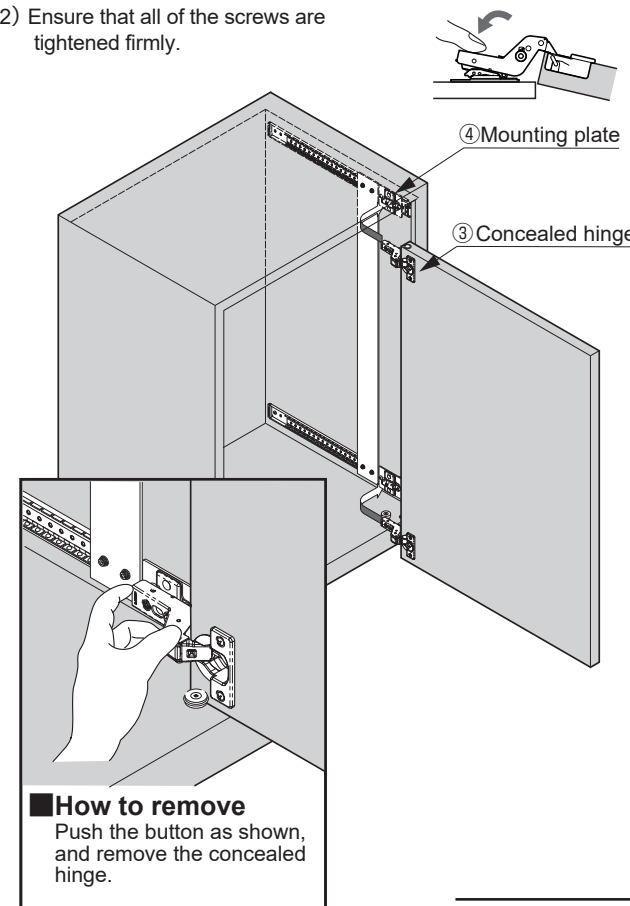
5 Alignment of Rails

- (1) Hold the connecting plate and move it from the front end to rear end, and align the rails so that the connecting plate moves smoothly.
- (2) Tighten the screws of the connecting plate, and check the movement again.
- (3) Tighten the screws on the rails, and check the movement.
- (4) If the movement is OK, fix the rails by fixing all of the screws.



6 Hanging door

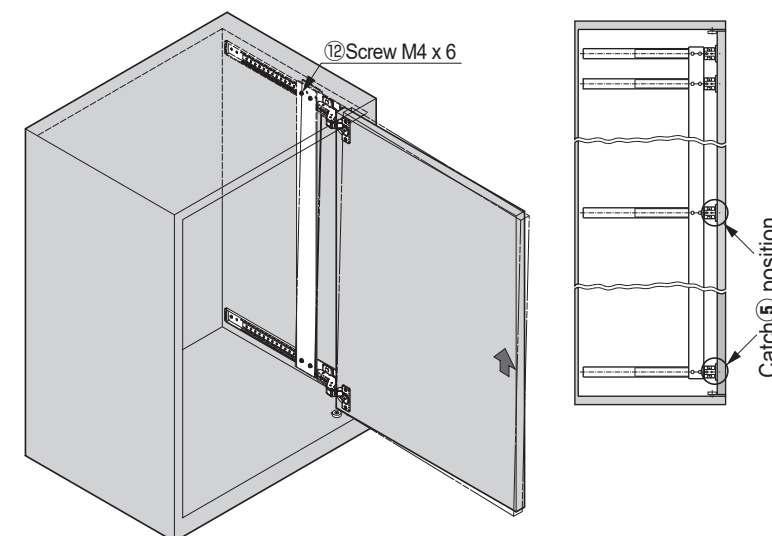
- (1) Hold the door and mount concealed hinges on the mounting plates as shown.
- (2) Ensure that all of the screws are tightened firmly.



7 Adjusting door

How to adjust inclined door like the illustration below.

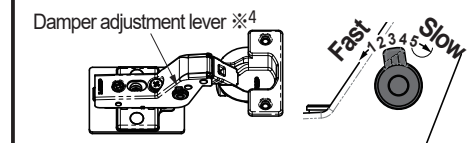
- (1) Remove the door.
- (2) Loosen hexagon socket head screw 12.
- (3) While pushing the top of connecting plate 2 to the rear, re-tighten the hexagon socket head screw 12.



8 Adjusting door Position

Damper speed adjustment [Built-in specification only]

The closing speed can be adjusted in 5 steps. ※4 Adjust it according to the door size or weight.



Door front and rear, Vertical, Horizontal adjustment

If the door is tilted, adjust with the adjustment screws shown below.

