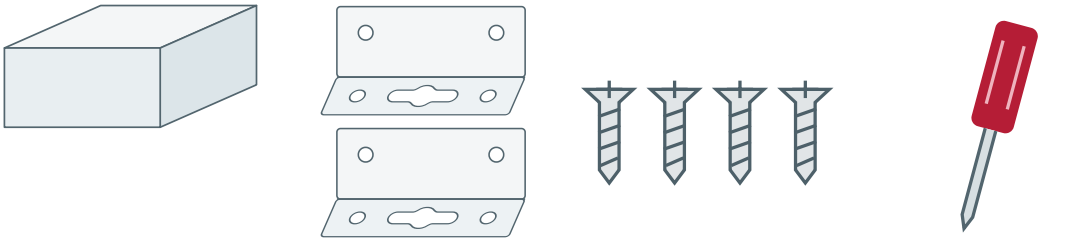
Mounting-Ear Installation and Removal

Two chassis fixing holes on each side | V1.1

For equipment with two mounting-ear screw holes at the middle of each side. Attach the two supplied ears using four supplied chassis screws, then fasten the assembly to a cabinet mounting plate or another surface meeting the load requirements.

1 Preparation



Device Mounting ears x2 Chassis screws x4 Matching tools

Two-hole face to chassis; central shaped-hole face to mounting surface

Fig. 1 Device, two supplied ears, four chassis fixing screws and matching tools

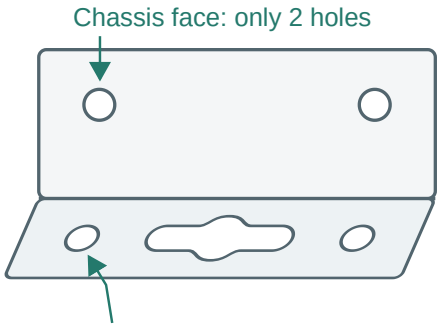
Item	Quantity / Requirement	Purpose / Notes
Supplied mounting ears	2; one on each side	Two-hole face against chassis; shaped-hole face against mounting plate
Chassis fixing screws	4 supplied screws; 2 per side	For ear-to-chassis fixing only; do not substitute longer screws
Mounting-surface fasteners	Select for surface material, load and chosen holes	For the outer ear face; check separately and do not mix with chassis screws
Screwdriver / spanner	Match the actual fastener type and size	Start threads by hand; follow any formal torque specification
Marking / drilling tools, if needed	Marker, ruler; drill, chip-removal tools and protective equipment	Drill only if new holes are needed; matching existing holes need no drilling

1. Disconnect every power source, including any supported PoE input. Check the ears, screws and surface fasteners. The surface must be flat, firm and suitable for the load.
2. Keep interfaces accessible and cooling areas clear. Leave space for cable bends and external antennas. In a cabinet, also check clearance with the door closed.

2 Attach the Ears to the Chassis

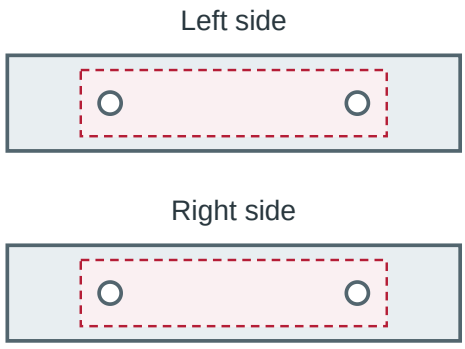
Two chassis screws per side; start by hand, then tighten alternately

Identify both ear faces



Based on actual part; not a dimensional drawing

Side mounting holes

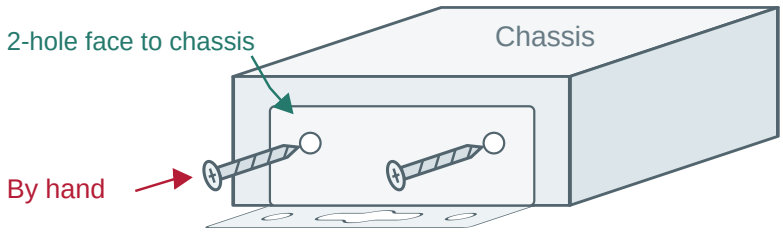


2 holes per side; 4 chassis screws

Fig. 2 Identify the actual ear faces: only-two-hole face to chassis; central shaped-hole face to mounting plate.

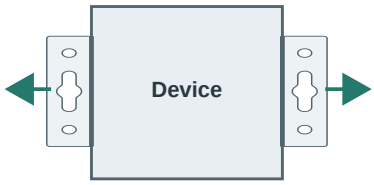
1. Place the ear face with only two holes against the left side. Align them with the two dedicated holes at the middle of that side. Do not remove other chassis screws or drill extra holes.
2. Start both supplied screws by hand for several turns. Once both engage smoothly, tighten alternately with the matching tool. If a screw binds, back it out and realign. Do not force it or use a longer screw.
3. Repeat on the right side. Both ears must sit firmly against the chassis. Their central shaped-hole faces must project outwards and both sit flat against the mounting plate.

Left side shown; repeat on right



Chassis screws: 2 per side, 4 total

Ears project outwards



Top-view schematic

Shaped-hole face outwards

Fig. 3 Fix the two-hole face to the chassis; the shaped-hole face projects outwards. Fit the right ear the same way.

Use two chassis screws through the two holes of each ear's chassis face, not through openings on its other face. Select mounting-surface fasteners separately; do not mix them with the chassis screws.

3 Secure the Assembly to the Surface

Locate through the outer ear face; remove the device before drilling

1. Support the device with both ears at the planned position. Check or mark the plate through the selected holes in the outer mounting faces. Choose holes and fasteners according to the installation plan; do not locate plate holes from the chassis-side screw holes.
2. If drilling is needed, first remove the device and check behind the plate for wires or components. Drill the holes and remove all chips. Skip drilling if matching holes already exist.
3. Put the device back and keep supporting it. Fit all surface fasteners loosely on both sides first. Once both ears sit flat and the position is correct, tighten evenly on both sides.

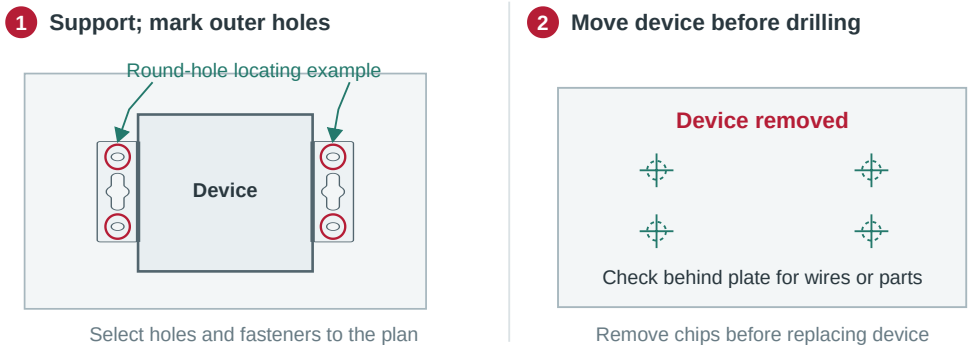


Fig. 4 Example using the outer round holes. Actual hole selection and fasteners follow the installation plan.

4 Installation Checks

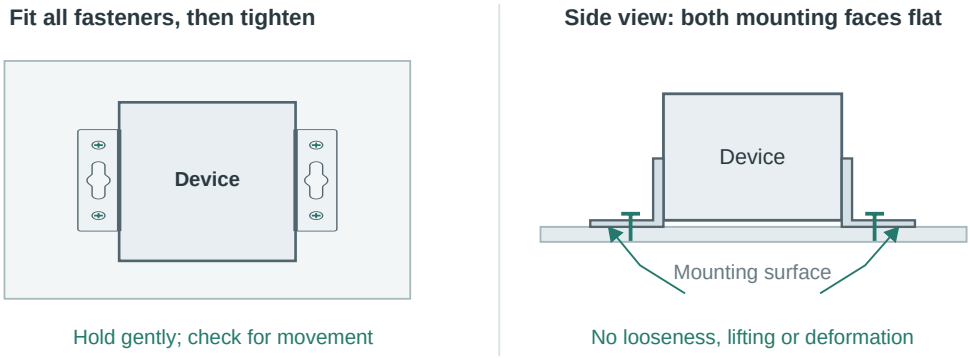


Fig. 5 Round-hole fixing example: fit all fasteners, tighten evenly, then check both ears sit flat.

Hold the chassis gently and check for movement. Neither ear may be loose, lifted or deformed. A closed cabinet door must not press on the device, connectors or cables. After checking, connect and power up according to the product wiring instructions. Arrange cables to avoid continuous pull on interfaces.

5 Remove the Device

Power off and support; remove the whole assembly before removing the ears

1. Disconnect every power source, including any supported PoE input. Label and unplug obstructing cables. Do not pull on terminals, network ports or antennas.
2. Support the chassis securely. Undo the fasteners between both ears and the mounting plate. Keep the whole device supported until the final connection is released.
3. Remove the complete device with both ears attached and set it on a stable work surface. Do not undo the four chassis-side ear screws while it is still mounted.
4. If the ears must be removed, ensure the device is unpowered and steady. Hold each ear, remove its two chassis screws (four in total), then remove the ears and store all parts.

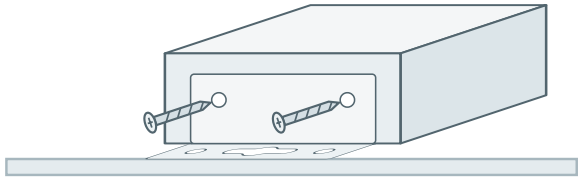
1 Remove whole assembly first



Support; undo surface fasteners

Leave chassis screws until removed

2 Set down; then remove ears if needed



Power off; device steady

Remove 2 chassis screws per side, 4 total

Fig. 6 Release surface fasteners and remove with ears attached. Set down steadily before undoing chassis screws.

Common Problems and Actions

Problem	Action
Screws bind or holes do not align	Stop forcing. Back out, realign and check the ears and supplied screws.
Screws bottom out but an ear stays loose	Stop. Check screw length and parts; do not use longer screws.
Ears do not sit flat or device moves	Do not power up. Check the surface, holes, ear orientation and tightness.

No universal hole spacing, screw size, tightening torque or surface load rating is specified. Figures explain connections and sequence, not fabrication dimensions.