



LH 41

Mounting manual | Montageanleitung Notice de montage | Instrucciones de montaje

Base Plate | Stativplatte

Plaque pour montage sur pied | Placa de soporte

EN

Important safety and mounting instructions

- Have the product mounted by a specialist.
- Due to his/her technical training, know-how and experience as well as knowledge of relevant provisions, regulations and standards, the specialist must be able to assess assigned tasks, recognize potential hazards and ensure appropriate safety measures. The following safety and mounting instructions are addressed to this specialist.
- Read and follow the safety and mounting instructions, keep these instructions and always include them when passing the LH 41 on to third parties.
- Also read and follow the installation instructions contained in the operating manual of the mounted loudspeaker.
- When mounting, observe and follow the local, national and international regulations and standards.
- Do not install the LH 41 in locations where it is exposed to externally generated vibrations.
- Always use the original Neumann mounting hardware.
- The LH 41 must only be used underneath a loudspeaker.
- The LH 41 must only be fastened directly – or together with additional Neumann mounting hardware – to a loudspeaker stand or subwoofer. The maximum permissible load is 36 kg (79.4 lbs).



Download the PDF file “Hardware Mounting Matrix” from www.neumann.com. Only combine the Neumann mounting hardware as specified in the “Hardware Mounting Matrix”.




CAUTION
Danger of injury and material damage
due to dropping of the loudspeaker!



The loudspeaker together with the mounting hardware can drop down until mounting is complete.

- ▶ Have the loudspeaker held by a second specialist who is physically able to do so. The requirements mentioned earlier also apply to this specialist.
 - ▶ When mounting the loudspeaker, provide a sufficient additional protection against dropping.
- Prepare the LH 41 and then fasten the loudspeaker to the LH 41. Proceed as shown in the figures from page 3. In the following table, find your loudspeaker and its orientation. The columns “Preparation” and “Fastening” indicate the order in which to proceed.

- Compact loudspeakers:

Orientation	Preparation	Fastening
horizontal 	fig. 1, 1a	fig. 1b–1d

- Large loudspeakers:

Orientation	Preparation	Fastening
vertical 	fig. 2, 2a	fig. 2b–2d
horizontal 	fig. 3, 3a	fig. 3b–3d

- Also read and follow the safety and mounting instructions contained in the operating manual of the selected Neumann mounting hardware and of the loudspeaker stand.
- Always mount the LH 41 and the additional Neumann mounting hardware to the loudspeaker stand so that the loudspeaker’s center of gravity is centered.
- As a rule, this means that the LH 41 is centrally mounted to the Neumann mounting hardware and the loudspeaker stand. If you want to tilt the loudspeaker, ensure that any leverage is minimized when the mounting hardware is attached.
- Only tilt the loudspeaker when it is properly fastened to the LH 41 and to additional Neumann mounting hardware designed for tilting and when it is secured. The maximum tilt is 20°.
- Tighten all M5 and M6 screws with a torque of 8 Nm and tighten all M8 screws with a torque of 20 Nm.
- Use safety wires to additionally protect the loudspeaker and the mounting hardware against tipping/dropping. The safety wires, rope terminations and coupling links must comply in their dimensioning and condition with the regulations and standards of the country in which they are used and must reliably prevent tipping/dropping of the attached loudspeaker and mounting hardware. The safety wires must be rated for the attached load.
- Make sure that ...
 - you use both screws **F** to fasten your loudspeaker to the LH 41;
 - the LH 41, the associated mounting hardware, the loudspeaker and/or the loudspeaker stand cannot tip over or drop down, even if the power or audio cables are pulled;
 - you replace the safety wires and coupling links by new ones when they have prevented tipping/dropping;
 - you check every 3 months if all screws are properly tightened and if the LH 41 and associated mounting hardware, additional fastening elements, safety wires and coupling links, as well as the loudspeaker are in proper condition.

In case of any damage or any deviation from the safety and mounting instructions, immediately dismount the loudspeaker, the LH 41 and the additional mounting hardware used.



Delivery includes

Mounting set I:

- A:** 1 x LH 41 base plate
- B:** 2 x L-brackets
for fastening the loudspeaker to the LH 41
- C:** 4 x M6 x 16 counter-sunk screws (DIN 7991)
- D:** 4 x hex nuts (ISO 4032, DIN 934)
- E:** 4 x feet, PVC
- F:** 2 x M5 x 45 Allen screws (DIN 912)
- G:** 2 x spacer washers, PVC, medium
- H:** 4 x metal washers, small
- I:** 2 x washers
- J:** 4 x cover caps, PVC
- K:** 1 x 4 mm Allen key

Mounting set II:

- L:** 2 x M6 x 16 counter-sunk screws (DIN 7991)
- M:** 4 x M8 x 20 counter-sunk screws (DIN 7991)
- N:** 4 x metal washers, large
- O:** 4 x hex locking nuts (DIN 985)
- P:** 4 x cover caps, PVC

Specifications

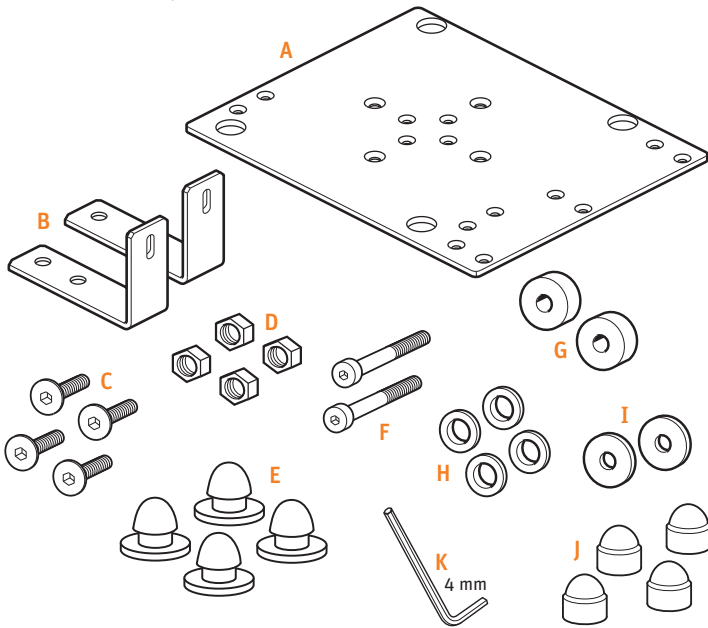
Weight	3.3 kg (7.3 lbs)
Dimensions	67 x 268 x 361 mm (H x W x D) 2 ⁵ / ₈ " x 10 ¹ / ₂ " x 14 ³ / ₄ " (H x W x D)
Max. load	36 kg (79.4 lbs)

Guarantee

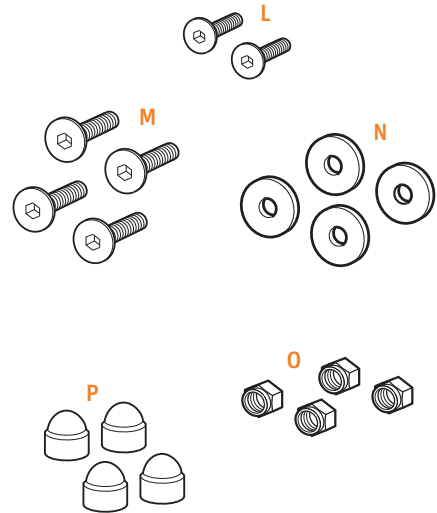
For the current terms and conditions of the product guarantee please visit www.neumann.com.



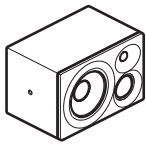
Mounting Set I | Montageset I | Kit de fixation I |
Set de montaje I



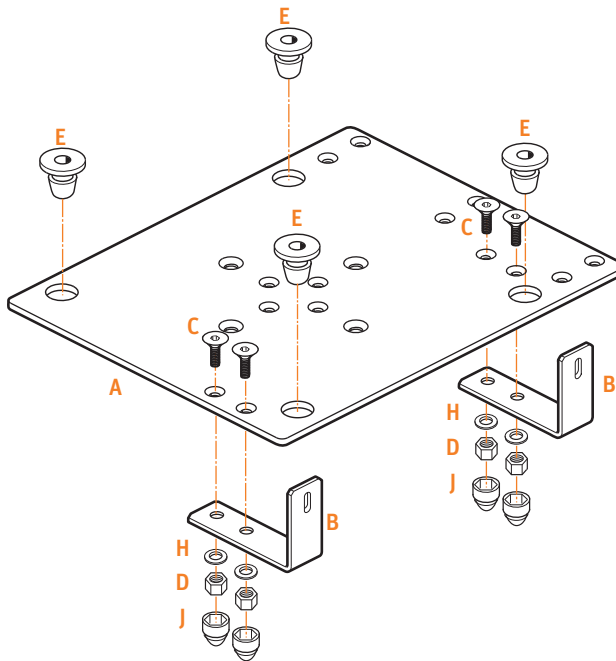
Mounting Set II | Montageset II |
Kit de fixation II | Set de montaje II



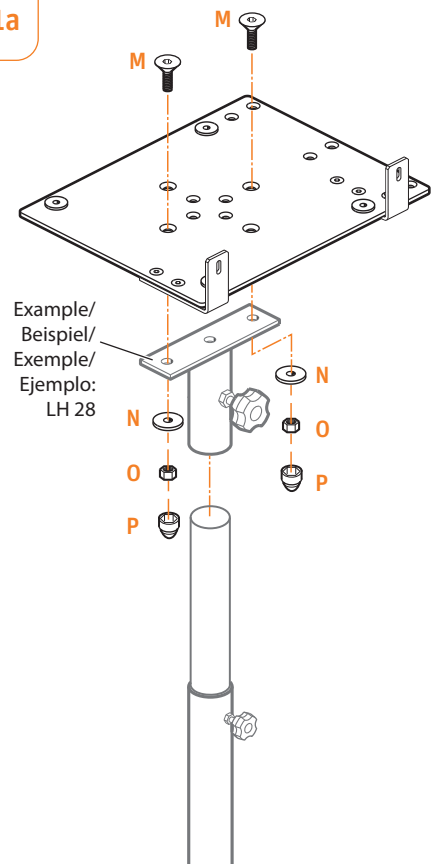
1



Installation on a small loudspeaker
Montage an einem kleinen Lautsprecher
Installation sur un haut-parleur de petite taille
Montaje en un altavoz pequeño



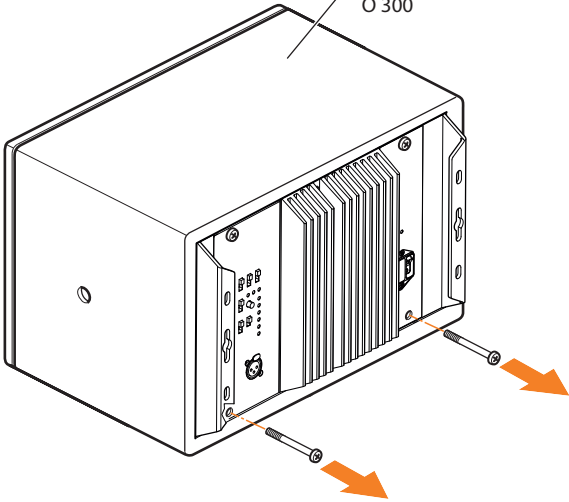
1a



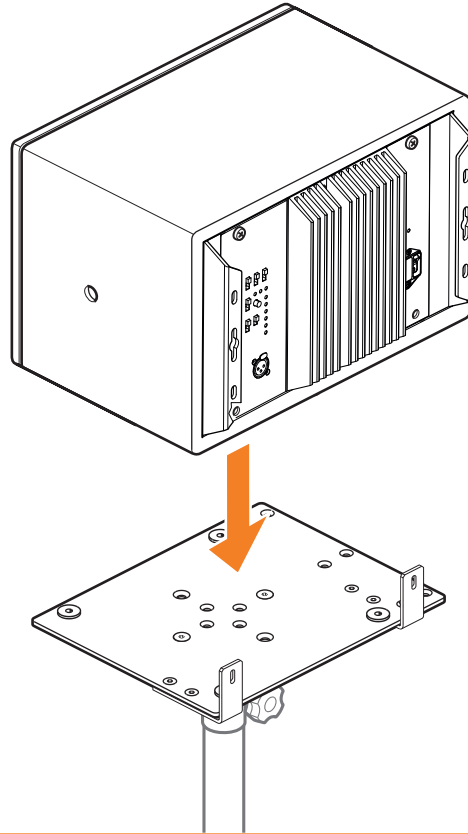


1b

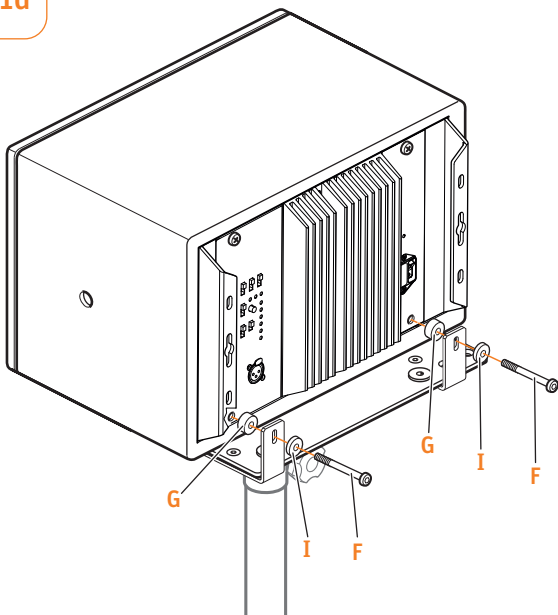
Example/Beispiel/
Exemple/Ejemplo:
O 300



1c

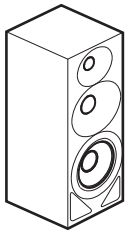


1d





2

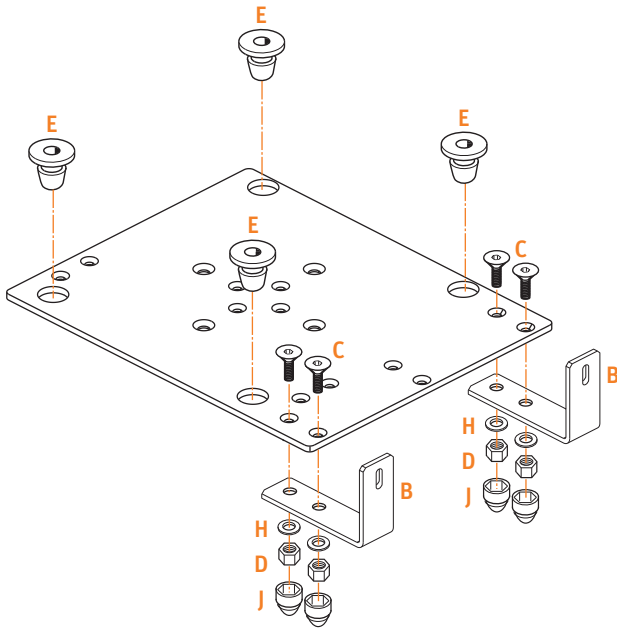


Installation on a large loudspeaker with a vertical cabinet orientation

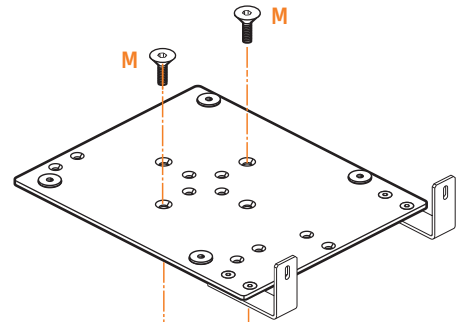
Montage an einem großen Lautsprecher, vertikale Orientierung

Installation sur un haut-parleur de grande taille avec orientation verticale du caisson

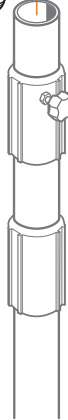
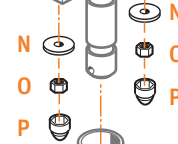
Montaje en un altavoz grande, orientación vertical



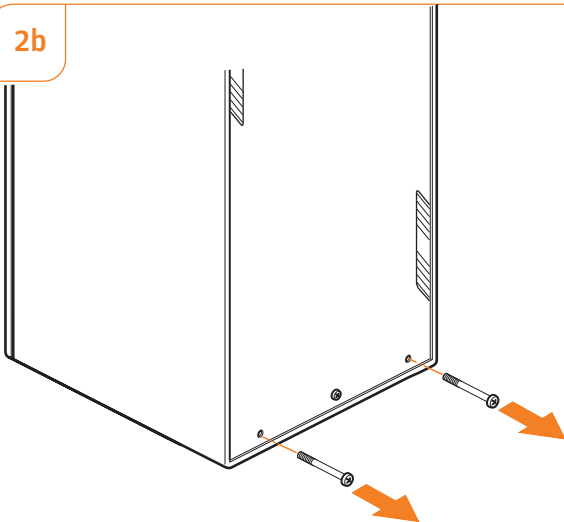
2a



Example
Beispiel
Exemple
Ejemplo:
LH 29

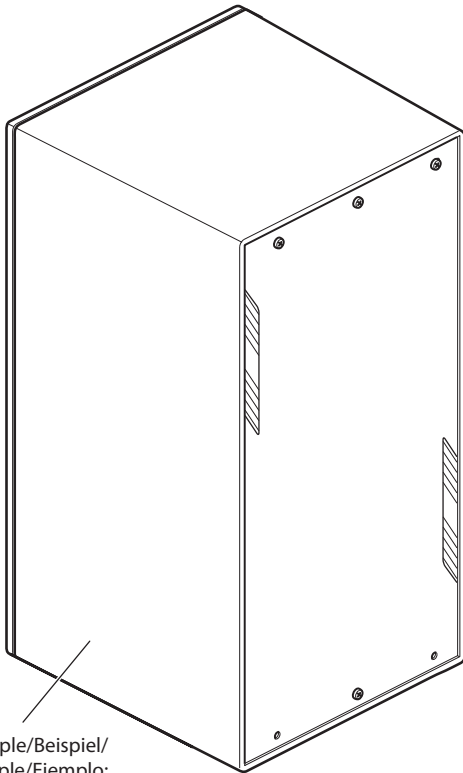


2b

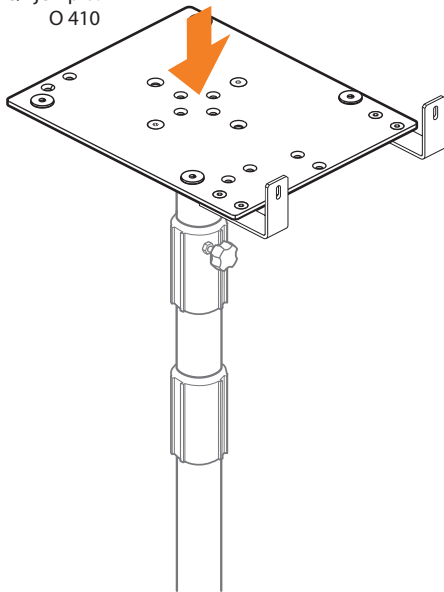




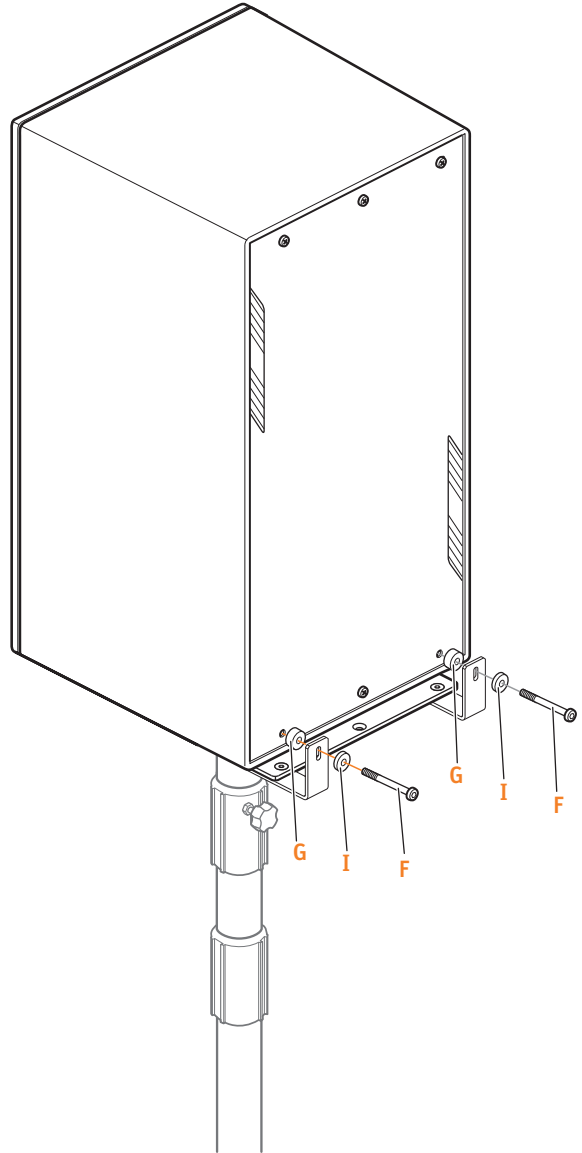
2c



Example/Beispiel/
Exemple/Ejemplo:
O 410

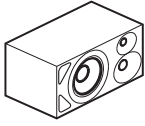


2d

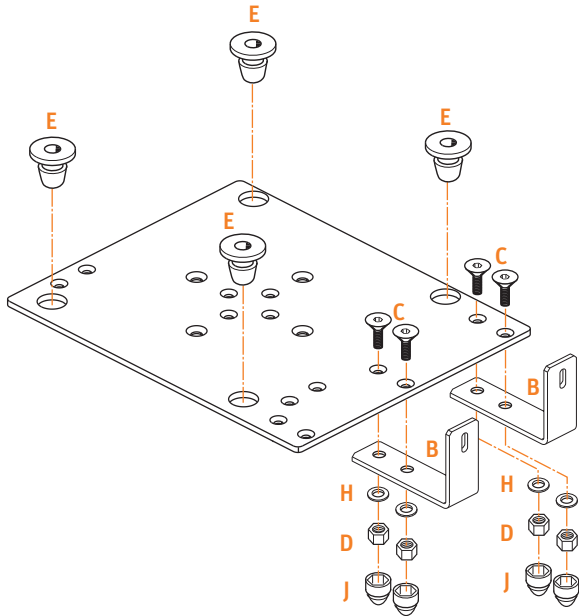




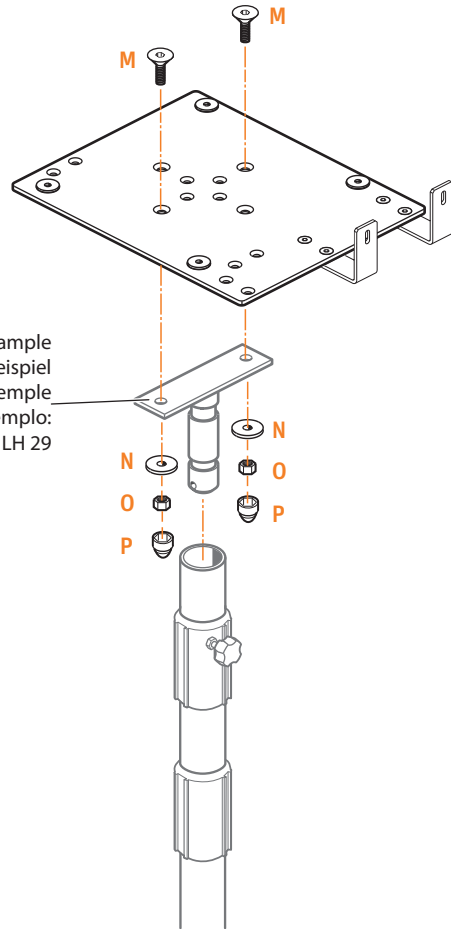
3



Installation on a large loudspeaker with a horizontal cabinet orientation
Montage an einem großen Lautsprecher, horizontale Orientierung
Installation sur un haut-parleur de grande taille avec orientation horizontale du caisson
Montaje en un altavoz grande, orientación horizontal

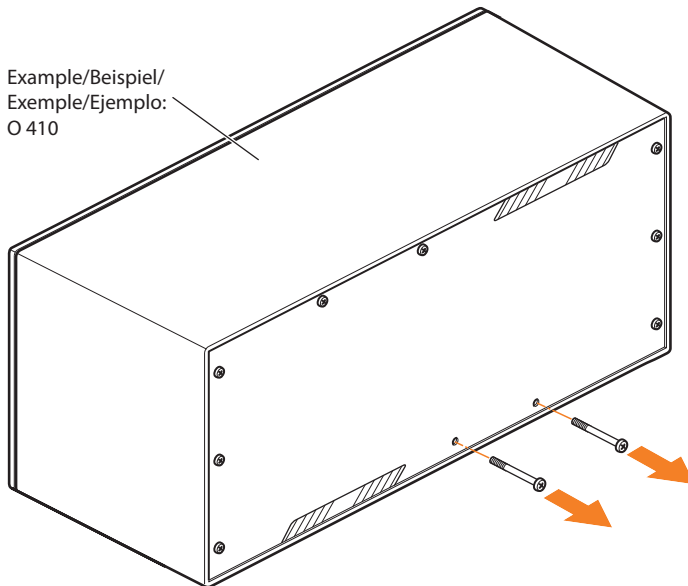


3a



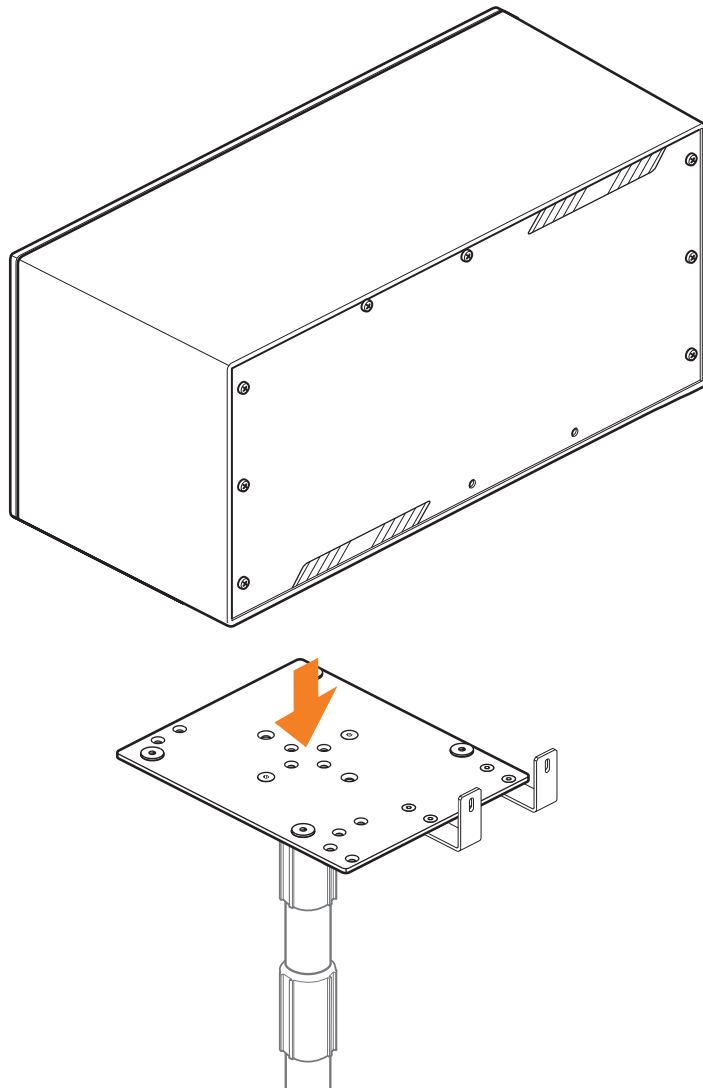
3b

Example/Beispiel/
Exemple/Ejemplo:
O 410





3c



3d

