




Installation Manual

HOFA Diffusor

Mounting without the HOFA Frame

Accessory List:

Diffusor		Number depends on the order quantity
Cable Tie		Each Diffusor comes with one cable tie

Mounting parts not included



The correct selection of secure small mounting parts depends entirely on the surface. If in doubt, consult a specialist to check the load-bearing capacity of the surface and the choice of dowels and screws or nails.

General Information:



At high volume levels, diffusers may generate noise due to vibrations on the contacting boundary surfaces. To prevent this, a piece of felt or fabric can be attached to the back of the diffuser.



If you have any questions regarding the installation of the Diffusor, please do not hesitate to contact us by phone or email:
<https://hofa-akustik.de/en/kontakt/>

Tools and Equipment Required:

- Drilling machine with suitable drill bit
- (Cordless) screwdriver
- Alternatively: hammer and nail



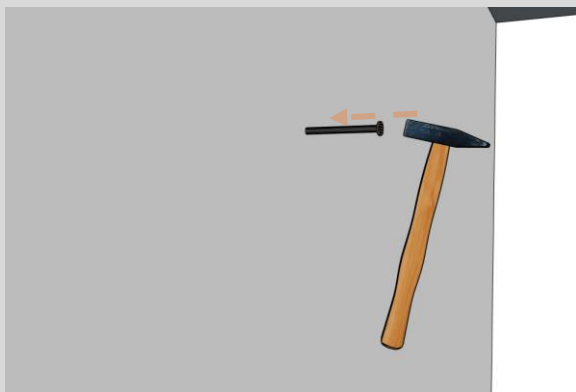
For safe and easy
installation, we recommend
mounting the Diffusor in the
HOFA Frame.



Wall Mounting with a Cable Tie

The HOFA Diffusor can also be mounted on the wall without the clip-on frame using the enclosed cable tie.

Step 1



Drill a hole in the wall and insert dowels.
Alternatively, a nail can also be
hammered in.

Step 2



Screw in/ hammer in the screw/nail to
about 3 mm.

Step 3



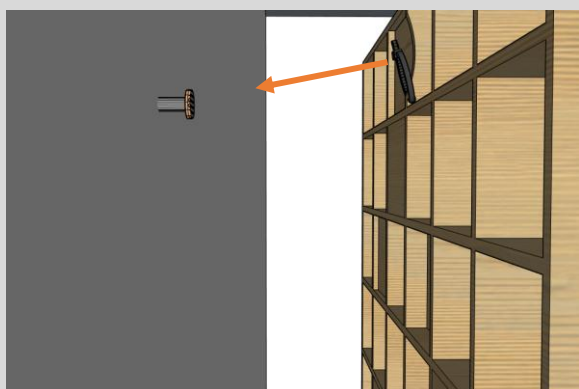
Guide the cable tie through the hole at
the back of the diffusor...

Step 4



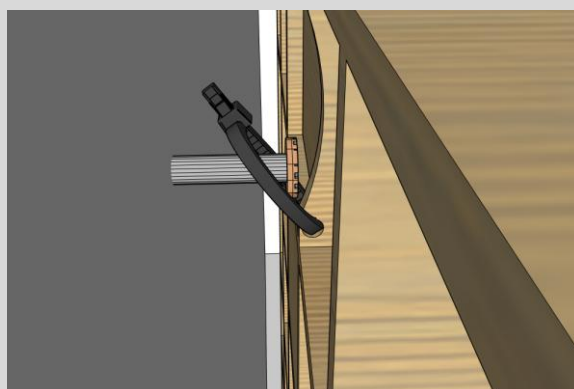
... and close it.

Step 5



Bring the diffuser up to the screw or nail from the front...

Step 6



... and attach the cable tie to the nail.

Tip:



Hanging can be done more easily by guiding the cable tie with scissors or a screwdriver.

Wall/Ceiling Mounting with Screws

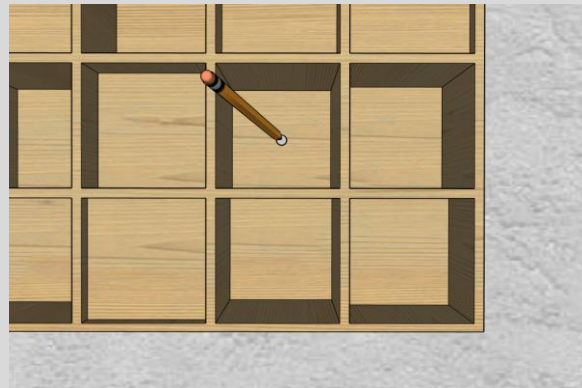
We always recommend mounting using the HOFA Frame with the HOFA ceiling mounting set. With a little manual skill, the HOFA Diffusor can be screwed directly to the wall or ceiling.

Step 1



Drill three holes at the points shown using a cordless screwdriver with a wood drill bit.

Step 2



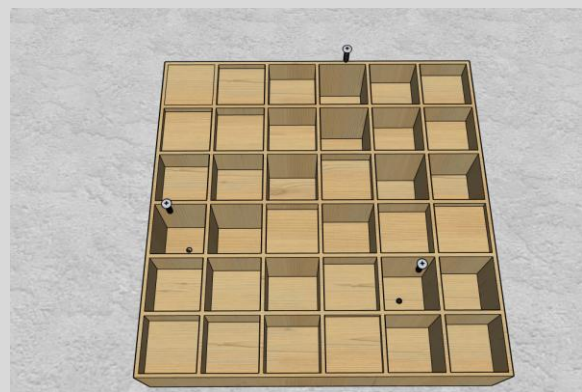
Mark the drill holes on the ceiling/wall.

Step 3



Drill holes & insert dowels.

Step 4



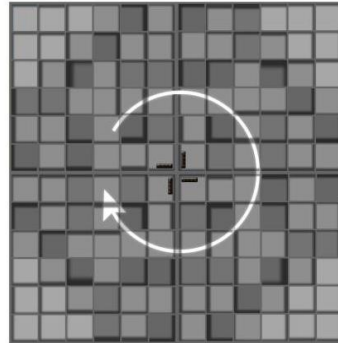
Screw on the Diffusor.

Arrangement of 4 HOFA Diffusors

By strategically arranging four HOFA Diffusors into a 1 m × 1 m unit, the acoustic effectiveness can be significantly enhanced.

Four Diffusors can easily be combined into one large Diffusor. To do this, the highest tiles need to be rotated to the corners.

This increases the effectiveness compared to a conventional QRD due to the calculation basis of a higher prime number. The HOFA Diffusor was calculated using the prime number 11 and complemented by the last periodic row/column.



Fabric Covers for the HOFA Diffusor:

High-quality fabric covers are available for the HOFA Diffusor and can be purchased separately.



The covers can be easily stretched over the Diffusor and ensure discreet, stylish integration into the room - without compromising the acoustic effect.

The fabric covers are available in the following colors to match the HOFA Absorber:



anthracite, bordeaux, cream, grey, orange, royal blue, black

The use of the fabric cover is only recommended when mounting with the HOFA Frame or cable ties.



► HOFA-Akustik

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