Mounting the Medialon Showmaster Go

User Reference Manual

medialon
by 7thSense

Document Revision

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Contents

1 Environmental Considerations

The Showmaster Go can be mounted singly or in multiples up to three per rack unit. The available mounting options are VESA, an anti-shock mounting frame, and a rack mounting tray. All are available options from 7thSense Design.

When mounting the Showmaster Go, do not block any server air vents, and ensure the ambient temperature around the server is compatible with the environmental characteristics stated below.

Environmental Characteristics	Operating	Non-operating
Temperature	+15 to +30 °C	-10 to +50 °C
Humidity (non-condensing)	10 to 90%	5 to 95%
Altitude	<2000 m	<10000 m

Particularly when mounted in a rack cabinet with front or rear doors the ambient temperature around the server may be higher than the ambient room temperature.

Showmaster Go can be mounted vertically using the optional VESA mounting plate or anti-shock frame, but care must be taken that hot air from the rear panel is not drawn back in at the front. Do not mount with the front panel uppermost.

2 VESA Mount

A VESA mounting plate is available for the Showmaster Go for stable and static non-horizontal mounting, on which the unit can be hung.

3 Anti-shock Frame

The Showmaster Go is designed for moving environments, and is resilient to vibration and shock to BS EN 60068-2-6, further protection especially in mounting security is available by using the anti-shock frame.

Remove the two black dome-head screws from the front panel (circled):

These are the fixing points for the front of the anti-shock frame. Slide the unit's VESA mount slots onto the base pins, push forward and secure using the two black finger screws. These are spring-mounted, so push them in to locate the threads.

The whole unit is secured using the four rubberised pillars.

4 Rack-Mount Tray

Up to three units can be mounted as a 1U rack unit, using the optional rack mount tray. Where fewer than three units are mounted this way, use the supplied blanking plates.

Remove the two black dome-head screws from the Showmaster Go front panel:

Present the unit where required into the tray and secure using two black finger screws. These are spring-mounted, so push them in to locate the threads.
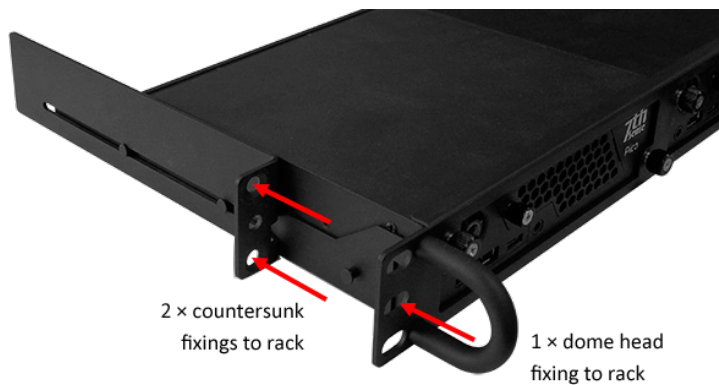
When adding blanking plates, present these to the outer side first to avoid scraping down a server side. The screw holes in the plates are asymmetric, so check that the holes align with the finger screws.

Use the cable tie eyelets on the rear base of the tray to secure loose cables as needed.

The tray itself is supported in the server rack by the two side plates. These are slotted to receive the pins on the sides of the tray.

Secure the side plates as shown below (here a Showmaster Go is co-hosted in the rack with a 7thSense Pico media server), using 2 × M6 countersunk screws for each:

2 × countersunk fixings to rack

1 × dome head fixing to rack

Leave these slightly loose and present the tray to the rack, engaging the pins in the side plate slots and easing back into place.

Tighten the screws through the holes and then secure the tray using 1 × M6 standard rack mounting screws on each side.

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