

FLAT-M100 - Monitor Cabinet



Compact, lightweight, practical

and yet amazingly powerful. The active speaker system FLAT-M100 is suitable for monitoring, side fill, front fill and rear fill applications due to its clear and powerful reproduction. It is also suitable wherever a powerful sound is required, despite limited space being available.

Active PA stage monitor speaker system, 200 W

- Flat and very compact full range system
- Fitted with 2 x 10 cm (FaitalPRO, 2 x 4") full range speaker with neodymium magnets
- Class D amplifier system
- Sound pressure at nominal power: 116 dB
- Indication of signal and limiter
- Volume control and tone control
- Balanced line/mic input and feed-through output
- High-quality multiplex wooden cabinet with protective metal grille
- 2 x M10 and 2 x M6 threaded inserts for stand adapter or mounting device
- Supplied with clamp for mounting, e.g. onto a microphone stand

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"Despite compact dimensions, it provides a respectable output power. Due to the sturdy design with robust front grille and durable textured coating, this active speaker system is suitable for on-the-road applications. Regarding the sound, it impressively shows what it is capable of and provides a clear reproduction of vocals and speech. Thanks to various installation options, e.g. to microphone stands, it is possible to implement a

system for individual, space-saving and unobtrusive monitoring.

Due to a combined mic/line input, you are also able to directly connect a microphone, e.g. for making announcements. However, the missing carrying handle which would sometimes facilitate handling results in a deduction of half a point. A neat workmanship, good price-performance ratio and foolproof operation complement this device which received 4.5 out of a possible 5 points in the test.”

SOUNDCHECK 09/2018

“The FLAT-M100 is a real space-saving solution with an impressive power capability. This mini monitor is compact, lightweight, practical, yet powerful. It is sure to become part of the inventory for smaller clubs and singer-songwriters on tour.”

Gitarre & Bass 02/2019

“Especially the test with acoustic guitar and vocals showed excellent results for practical operation.”

Technical data:

active	: 1
Active/passive	: active
Transmission technology	: cable
Total output power	: 200 W
Power rating (RMS)	: 100 W
Total power rating	: -
Power rating (RMS)	: -
Impedance	: -
Frequency range	: 90-20,000 Hz
THD	: -
S/N ratio	: -
Input signal	: 16 mV/28 kOhm (line, bal.), 5 mV/20 kOhm (mic, bal.)
System	: 2 x 4", full range
Full range speaker	: 2 x 10 cm (2 x 4", FatialPRO) full range speaker
Bass speaker	: -
Midrange speaker	: -
Tweeter	: -
Number of speakers	: 2
Speaker size	: 10 cm (4")
SPL	: 97 dB/W/m
Max. rated SPL	: 116 dB
Radiation angle/beam angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Features	: -
Housing material	: multiplex
Colour	: black
Mounting device	: 2 x M10 threaded insert, 2 x M6 threaded insert
Protected against ball rebound	: -
Protection class	: -
Admiss. ambient temp.	: 0-40 °C
Power supply	: ∿ 230 V/50 Hz/175 VA
Dimensions	: 265 x 120 x 192.5 mm
Width	: 265 mm
Height	: 120 mm

Depth	: 192.5 mm
Weight	: 2.4 kg
Inputs	: 1 x comb. XLR/6.3 mm (line/mic)
Outputs	: 1 x XLR link out
Replacement voice coil	: -
Other features	: limiter
Accessories	: FLAT-M100BAG
Packing dimensions (W x H x L)	: 0.29 x 0.14 x 0.285 m
Gross weight	: 3.03 kg
Net weight	: 2.56 kg