

MF8

multi function fullrange point-source 8"/1" coaxial speaker

PROPHON
SOUND SYSTEMS



Presentation MF8

The PROPHON MF8 is a lightweight, two-way Bi-amplified Multi Purpose Speaker with a 8"- woofer, and a 1"-compression driver mounted coaxially on a conical horn with 100° x 100° dispersion.

It was designed to be a true companion on the road, and can be used in a variety of ways: as a compact stage-monitor, frontfill, sidefill, downfill, delay, fullrange stand-alone unit, mid/high with a Self-powered subwoofer in an active system. (Prophon B2A, B1A, B4A)

The MF8 can also be installed in fixed installations, either as fullrange speaker or as top speaker in a sound system with subwoofers, the top hat plate is changed to a M10 plate for mounting the UB8 installation 'U' bracket

The frequency response was carefully designed to be neutral and "open" to ensure an uncolored sound reproduction. So whether using for recorded music, live applications or speech, the MF8 will reproduce the sound as it sounds without adding or subtracting vital information.

In short, the MF8 is all you need in a compact, high power, multi purpose, fullrange speaker. and is one of the most versatile speakers on the market, with an abundance of features.

Features

- Top Hat for use with speaker stand or wall mount bracket.
- The top hat can be changed to a M10 plate for using installation bracket (*see picture*)
- Monitor angle for use as a high power compact stage monitor
- The handle is hidden when using as a monitor, for best visual experience.
- fully covering, protective perforated steel grille, with minimum air flow resistance
- fully covering protective speaker foam with minimum air flow resistance.
- Painted with a specially developed 2-component hardened paint.
- Rails for protecting against damage when using as a stage monitor.
- Sleek design
- Coaxial design for best dispersion pattern.
- UB8 installation bracket for fixed installations
- 100° conical dispersion.

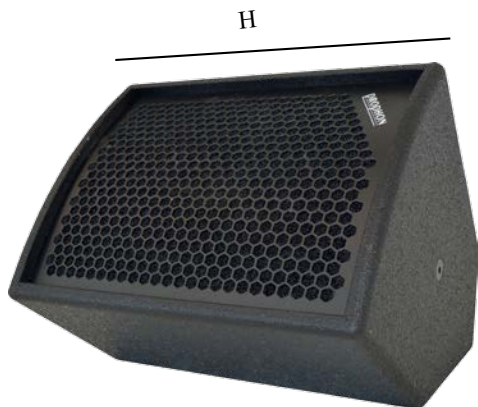


Picture showing two MF8 in an active system with two B11 self powered subwoofers. All amplification and processing are housed in the back of the subs, supplying high quality sound

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Technical data MF8

Model	MF8
Low frequency driver	1 x 8", 2,5" - voice coil,
High frequency driver	1 x 1" - throat exit driver, mounted on a conical horn
Construction	Bi-amped, passive crossover, Tuned bassreflex
Sensitivity	95 dB@1W/1m.
Nominal impedance	8 ohm
Power handling R.M.S.	200W
Power Handling cont.	400W
Max SPL, open space (calc.)	121 @ 400W
frequency response +/- 6dB	60Hz - 19kHz
Vertical dispersion -6dB	100°
Horisontal dispersion -6dB	100°
Measurements H x W x D mm.	350 x 295 x 2745
Weight	10 kg.
Recommended crossover in an active system with subwoofers	HP@90-120Hz, 24-48dB/oct
Recommended Amplifier	PROPHON P4700DSP, P3000 P1300, P3000DSP
Recommended pre-programmed DSP processors	PROPHON DSP26, PROPHON DX48, PROPHON DSP48
Recommended Powerage	200W - 400W
Connections (bi-amped version)	2 x Neutrik Speakon 1+ /1- Input / through 2+ / 2- Link
Applications	- Fixed Installations. - Live performances. - Monitor. - Fullrange speaker - Mid/high in a PA- system with subwoofer
Accessories	- Transportation case - Flightware for rigging - Installation bracket

