

MX8

Low profile, high power stage monitor



PROPHON
SOUND SYSTEMS

High End Sound Systems designed and manufactured in Sweden

MX8

Manual / User guide / Technical data sheet, V1,0, 2014-12

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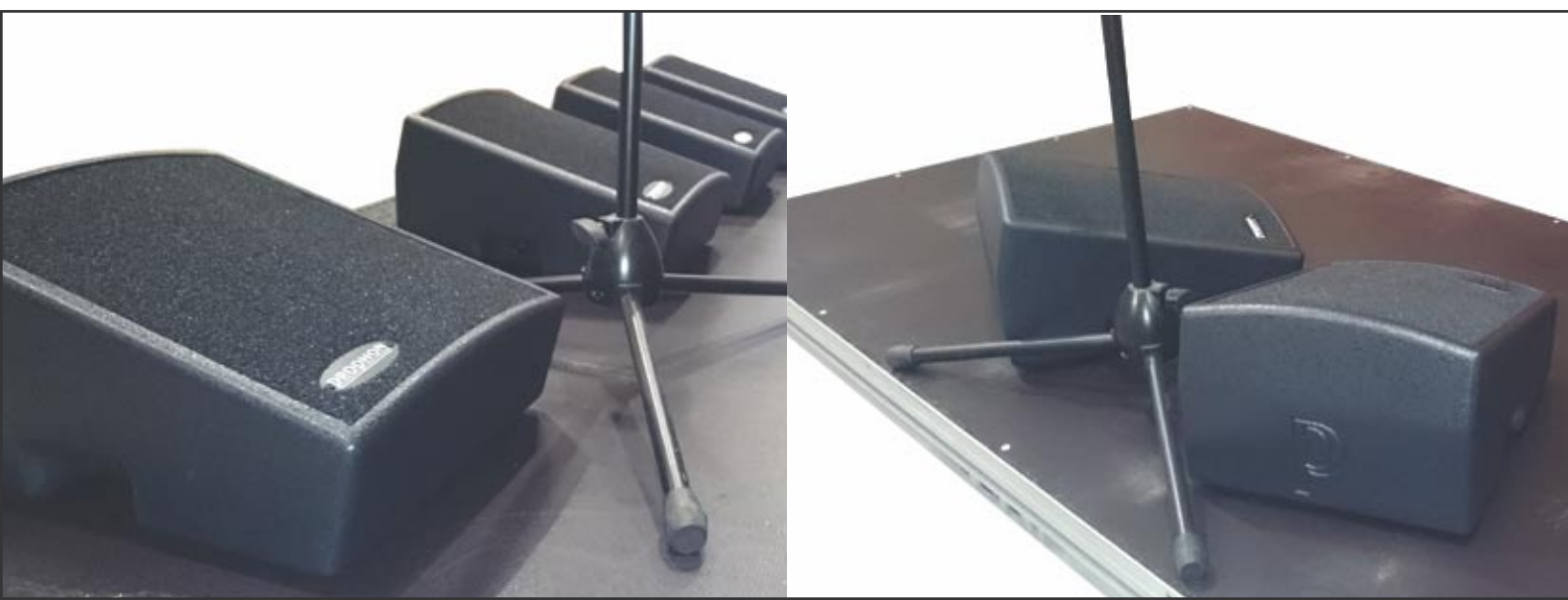
The PROPHON MX8 is a high-power, low profile stage monitor, It was designed for live applications and performances such as; vocals, speech, winds instruments and acoustic instruments. With the low front-profile of under 20 cm. it is perfect for television, small stages and architectural stage designs.

The footprint only measures 30 x 34 cm., enabling the MX8 to be discretely placed almost anywhere, like stage monitor for piano, winds instruments, choirs, for lead singers and for events, conventions and churches.

With an extremely flat angle of only 15°, PROPHON MX8 can be placed very close to the musician, singer or speaker, without the need to use lineboxes, a roll of gaffa tape, or other ingenious inventions to change the angle of the monitor to fit small stages.

In the handles in the sides 2 x Neutrik Speakon input connectors are hidden for discrete and safe connection on stages, and for enabling easy link of several MX8 without cables and connectors beeing seen from the audience or film camera view. Also the placement of the connectors help protect them from damage.

Fitted with a high-power, lightweight neodymium coaxially mounted 8"/1" with a power handling of 500W cont. program (250W RMS, 1kW peak) and a built in sophisticated passive crossover network. The dispersion coverage is 100° symetrically conical for optimal coherency.





Technical data MX8:

Model	MX8
Low frequency driver	8" coated, Neodymium woofer, with 2"- voice coil,
High frequency driver	1"- coaxially mounted driver
Construction	Bi-amped, passive crossover, Tuned bassreflex
Sensitivity	97 dB@1W/1m.
Nominal impedance	8 ohm
Power handling R.M.S.	250W
Power Handling cont.	500W
Max SPL, 2pi (calc.)	130dB @ 1000W peak
frequency response +/- 6dB	70Hz - 18,5kHz
Vertical dispersion nominell	100 ⁰
Horisontal dispersion nominell	100 ⁰
Measurements H x W x D mm.	195 / 100 x 300 x 340
Weight	7,3 kg.
Recommended Amplifier	PROPHON P3000, PL1600, P3000DSP
Recommended pre-programmed DSP processors	PROPHON DSP260, PROPHON DSP480
Recommended Powerage	500W
Connections (bi-amped version)	2 x Neutrik Speakon 1+ /1- Input / through 2+ / 2- Link
Applications	- Fixed Installations. - Live performances.
Accessories	- Transportation case



*Discretely hidden in both handles are the input / Through / link connectors, using 2 x Neutrik Speakon NL4MP
1+/1- as in / through, and 2+/2- as link*

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All data subjects to change without prior notice

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