



Electro-Voice

MADE TO DO MORE

MFX MULTI-FUNCTION MONITORS

- Multi-functional 12" (MFX-12MC) and 15" (MFX-15MC) loudspeaker models for high-performance stage monitoring and short-throw main applications
- High-output, passive/bi-amp two-way coaxial design with very compact form factor
- Provides a stable sound image when performer is off-axis
- Full range of mounting accessories and integrated pole cup
- Engineered to complement X-Line Advance line-array loudspeaker systems

APPLICATIONS



MONITOR



INSTALL



POLE MOUNT





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MFX MULTI-FUNCTION MONITORS

MFX Multi-Function Monitors utilize high-output coaxially aligned HF and LF transducers matched with an innovative new Electro-Voice-engineered Constant-Directivity waveguide. The dimensions and location of the waveguide interact with the woofer to effectively create a bipole output, enhancing coverage control through the midrange frequencies.

In addition to providing a stable sound image as the performer moves off-axis, the compact coaxial design presents a significantly lower-profile footprint on stage in comparison to competitive high-end monitors.

Both models feature an integrated pole cup (neatly located in one of the two side handle recesses), so they can serve as short-throw main/full-range sound reinforcement for portable applications. Each model also features four M10 suspension points. U brackets, yokes, a tilt adapter, truss clamps, standmount adapters and a rigging bar are available for temporary or permanent installations.

MFX Multi-Function Monitors are optimized for use with any TGX or IPX amplifier from EV's sibling brand Dynacord. The speakers can be deployed in passive or bi-amp configuration, and can be optimized for different uses via DSP settings in the amps.

SPECIFICATIONS

	MFX-12MC	MFX-15MC
Coverage (H x V)	40° x 60° in monitor orientation (reversed in short-throw orientation)	40° x 60° in monitor orientation (reversed in short-throw orientation)
Max. SPL ¹	135 dB	136 dB
Power handling ²	450 W (continuous) 3.0 kW (peak)	500 W (continuous) 3.5 kW (peak)
Frequency response	50 Hz - 19 kHz (-10 dB) 62 Hz - 18 kHz (+/-3 dB)	45 Hz - 19 kHz (-10 dB) 52 Hz - 18 kHz (+/-3 dB)
Weight	19 kg (42 lbs)	23 kg (51 lbs)
Connectors	Neutrik NL4 input with NL4 pass through	Neutrik NL4 input with NL4 pass through
Enclosure	12-18 mm Baltic birch plywood with EVCcoat	12-18 mm Baltic birch plywood with EVCcoat
Monitor angles	Two monitor angles: 35° and 55°	Two monitor angles: 35° and 55°
Grille	1.5 mm zinc plated steel with corrosion resistant coating	1.5 mm zinc plated steel with corrosion resistant coating
Handles	Two, with integrated cup for standard 35 mm pole	Two, with integrated cup for standard 35 mm pole
Suspension	Four M10 suspension points located to work with truss clamps, wall mounts, flying brackets and a full range of mounting accessories	Four M10 suspension points located to work with truss clamps, wall mounts, flying brackets and a full range of mounting accessories
Color	Black (RAL 9005) or white (RAL 9003)	Black (RAL 9005) or white (RAL 9003)
Dimensions (H x W x D)	500 mm x 420 mm x 298 mm (19.7" x 16.5" x 11.7")	600 mm x 500 mm x 339 mm (23.6" x 19.7" x 13.4")
Recommended amplifier	Dynacord TGX10 or IPX10:4	Dynacord TGX10 or IPX10:4



¹Measured one meter on-axis, free field with 12 dB crest factor pink noise ²Continuous power EIA-426A, peak power 500-hour EV music abuse test