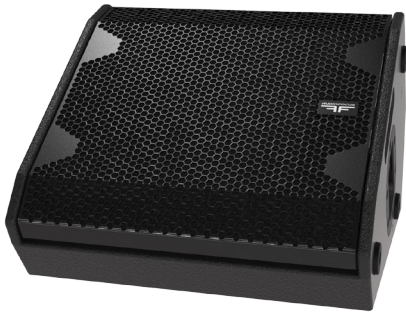
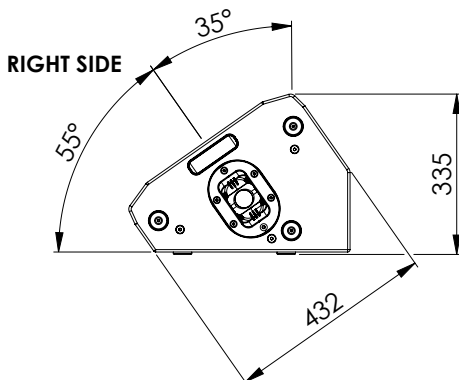
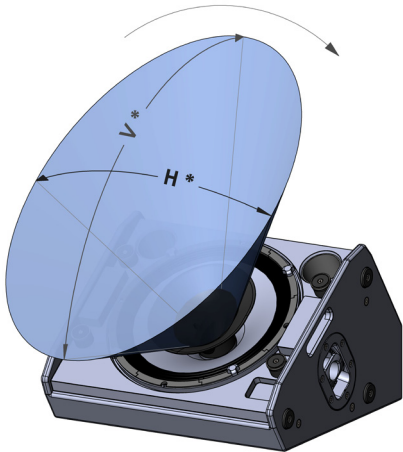


CM 12a

COAXIAL MONITOR



Very Easy Rotatable Speaker

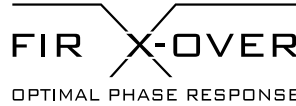
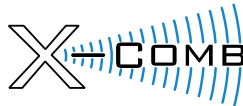


CM 12a is a high-end system designed for stage monitoring and distributed FOH applications. It is a self-powered, 2-way enclosure that delivers wide bandwidth frequency from 65Hz to 20 kHz.

The CM 12a enclosure contains a 1.4" diaphragm compression driver loaded into a coaxial configuration with a 12" low frequency transducer. Compact and lightweight, this model produces 70° x 50° directivity pattern.

Made in Baltic birch plywood, CM cabinets have 35° angle wedge from vertical. The CM can also be pole mounted using a tiltable flange of +/- 13.5° with 4.5° steps.

The "VERS" system permits to rotate the speaker to change the sound projection directivity in a few seconds.



Coupling between traditional horns occurs a lot of comb effects resulting in poor sound projection and coherence in the space due to bad coupling between cabinets.

Thanks to the specific DSP treatment, comb effects are limited to ensure a good coupling between CM-a cabinets for FOH use. We call that "X-comb" technology.

Technical data	CM 12a
Description	2-way, Vented self-powered coaxial monitor
Usable bandwidth (-6dB)	65 Hz-20 kHz ([Extended] preset)
Maximum SPL Peak / 1m	133 dB (1)
Coverage directivity (-6dB)	70° x 50°, "VERS" rotating system (2)
Transducers	LF: 1 x 12», neodymium, weather resistant, HF: 1 x 1,4», neodymium, diaphragm compression driver
Input impedance	10 kΩ balanced
RMS power handling	1000 W (3)
Wedge angle	35° from vertical
Connectors	Balanced 1 x IN, 1x OUT Neutrik© XLR 1 x IN, 1 x OUT Neutrik© Powercon
Dimensions (H x W x D)	335 x 460 x 460 mm (incl. feet)
Weight	19 kg / 44 lb
Cabinet	Baltic birch plywood
Finish	Black ecological waterborne paint
Front	Steel removable grill on magnets
Mounting accessories	tiltable flange (+/- 13,5°, 4,5° step) + M8 nuts

(1) Peak SPL is calculated on built in amplifier's peak output voltage limit, perfectly matched with specific CM 12a coax driver.

(2) "VERS" system to change directivity in less than 30s without tools.

(3) RMS power is given by the RMS power handling of the specific CM 12a coax driver.