

FR-X 12a

CONSTANT CURVATURE ENCLOSURE

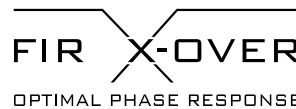
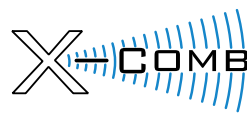


FR-X 12a is compact, 2-way, self-powered enclosure. It features one 12" neodymium speaker in a bass-reflex enclosure and one 1,4" ferrite compression driver coupled to a versatile AF horn.

FR-X 12a operates over the nominal frequency range of 55Hz to 20 kHz.

The AF versatile horn generates a 80°x30° asymmetric directivity pattern and is easy to rotate in a few seconds. The cabinet is made of first grade Baltic birch plywood.

The FR-X rigging system allows assembling a horizontal or vertical array with constant curvature. Coupling between traditional horns causes a lot of comb effects resulting in poor sound projection and coherence in the space due to bad coupling between cabinets.



Thanks to the AF horn and specific DSP treatment, comb effects are eliminated to ensure a perfect coupling between FRX-a cabinets and create a coherent wavefront at any location. We call that "X-comb" technology that permits the use of rotating horn to adapt directivity and curvature array.

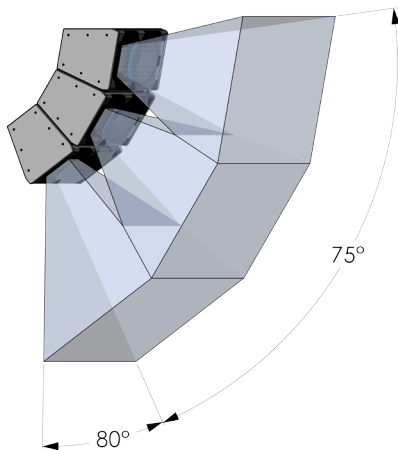
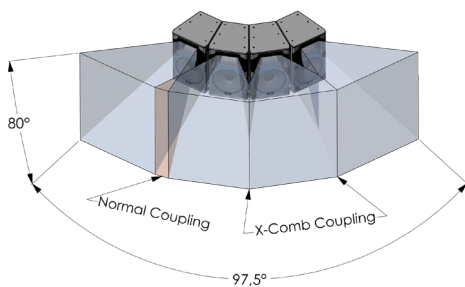
Technical data FR-X 12a

Description	2-way, vented self-powered FOH system
Usable bandwidth (-6dB)	55 Hz - 20 kHz ([Extended] preset)
Maximum SPL Peak / 1m	133 dB (1)
Coverage angle (-6dB)	80° x 30°, «VERH-II» rotating system (2)
Transducers	LF: 1 x 12», neodymium, weather resistant, HF: 1 x 1,4», ferrite, compression driver, AF versatile horn
Input impedance	10 kΩ balanced
RMS power handling	1700 W (3)
Connectors	Balanced 1 x IN, 1x OUT Neutrik© XLR 1 x IN, 1 x OUT Neutrik© Powercon
Rigging components	H coupling bars + standard cargo
Dimensions (H x W x D)	604 x 382 x 437 mm (incl. feet) / 22,5°
Weight	33 kg / 73 lb
Cabinet	Baltic birch plywood
Finish	Black ecological waterborne paint
Front	Steel removable grill on magnets
Mounting accessories	d35 steel flange

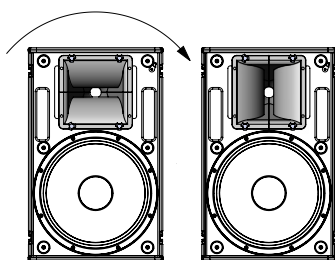
(1) Peak SPL is calculated on built in amplifier's peak output voltage limit, perfectly matched with specific FR-X 12a driver.

(2) "VERH-II" system to change directivity in less than 1min without tools.

(3) RMS power is given by the RMS power handling of the specific FR-X 12a driver.



Rotating horn "VERH-II"



Grill on magnets