FX3.15

High-output cabinet 15"

Highlights:

- High quality 18 mm plywood
- Integrated carry handle on both sides
- Integrated metal rigging frame
- DuraCoat™ texture paintwork
- High output 3-way active driven system
- 90° x 40° Rotatable horn

Product information:

The FX series is a unique and versatile speaker system series. When you combine the FX1.18 bass cabinet with the FX3.15 3-way active speaker cabinet, this truly modular system can be scaled and adapted for every application where a powerful system with a high clarity and sound quality is required. The compact enclosures are provided with durable and scratch resistant DuraCoat textured paintwork and are fitted with eight carry handles allowing easy carriage and handling of the system. The integrated metal rigging frame allows easy and secure rigging, allowing multiple cabinets to be rigged together. The FX3.15 is a 3-Way high-output, active driven compact High / Mid / Mid-Bass speaker cabinet which is a part of the unique and versatile FX series system. This three-way cabinet includes a 15" horn-loaded Mid-Bass driver, 6" loaded mid speaker and 1.75" PEEK (Polyether ether ketone) compression driver. The entire system has a power handling of 750 Watt RMS with a maximum power of 1500 Watt. The Mid-Bass section takes part for 500 Watt RMS while the Mid section takes part for 200 Watt RMS and the High section represents 50 Watt RMS. The horn with a coverage pattern of 90° x 40° incorporates both High and Mid frequency drivers which can be rotated allowing complete flexibility in selection of horizontal & vertical as well as left & right positioning. This system shall be active processed and powered by separate amplifiers for each section. The connections for each sections are performed using two 8-pin speakon compatible connectors, allowing linkthrough when multiple identical speakers are used in the same system.

Impedance:

Ω 8 Ohm

Applications:

- Bars & Restaurants
- Clubs
- Education
- Sporting facilities
- Events
- Concert venues

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

System specifications:

Speaker type		3-way high outputs speaker cabinet
Peak power handling		3000 W
Program power handling		1500 W
RMS/AES power handling		750 W
Impedance		8 Ω
Sensitivity (1W/1m)		105 dB
Sound Pressure (Max. W/1m)		134 dB
Frequency	Response (± 3 dB)	130 Hz - 20 kHz
	Range (-10 dB)	85 Hz - 20 kHz
Crossover	Type	Active driven system
Dispersion	Horizontal	90° (Rotatable)
	Vertical	40° (Rotatable)
Connectors		2 x 8-pin Speakon compatible connector (Allowing linkthrough)
Drivers	HF	1.75" PEEK
	MF	6" Neodymium
	LF	15" ferrite

Product Features:

Dimensions		714 x 456 x 580 mm (W x H x D)
Weight		47.500 kg
Construction		18 mm solid plywood with DuraCoat™ scratch resistant coating
Mounting & handling	Carry handles	8 Integrated carry handles
	Rigging	Integrated metal rigging frame

We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

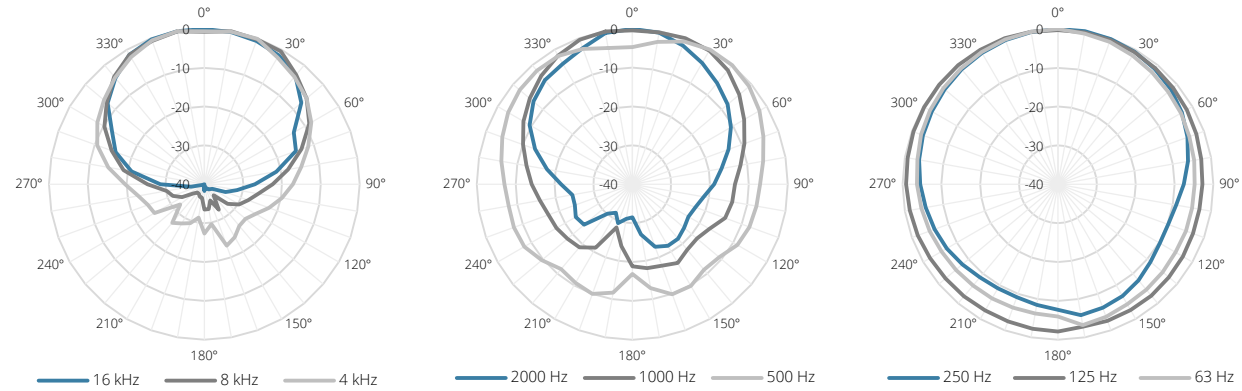
Architects' and Engineers' Specifications:

The loudspeaker cabinet must be a high output 3-way horn-loaded speaker system which can be combined with horn-loaded bass cabinets from the same series allowing scaling and adapting the system to any application. The system shall be constructed as a 3-way system, including a 15" horn-loaded Mid-Bass driver, a 6" mid speaker and a compression driver with a 1.75" PEEK membrane, having an overall power handling of 750 Watt in which the mid-bass section takes part of 500 Watt, the midsection takes part of 200 Watt and the high high-frequency section takes part of 50 Watt. The mid and high-frequency drivers must be mounted to a 90° x 40° coverage horn which can be rotated for both horizontal and vertical use. Each speaker section shall be individually and actively driven with an individual external amplifier for each section. The cabinet must be constructed of 18 mm solid plywood which is finished in a scratch-resistant DuraCoat™ coating. The front side must be finished with a powder-coated steel grill which is lined with an acoustically transparent backing. The cabinet must be equipped with four carry handles on each side of the cabinet allowing easy carriage and handling of the system, while an integrated metal rigging frame guarantees easy and secure rigging. The frequency response (-10 dB) must range from 85 Hz to 20 kHz. The sensitivity must be 105 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level must reach 134 dB. Connections with the speaker must be made using 2 x 8-pin speakon compatible connectors, allowing easy connection and link-through. The loudspeaker cabinet must not exceed a width of 714 mm, a height of 456 mm and a depth of 580 mm. Its weight must not exceed 47.5 kg.

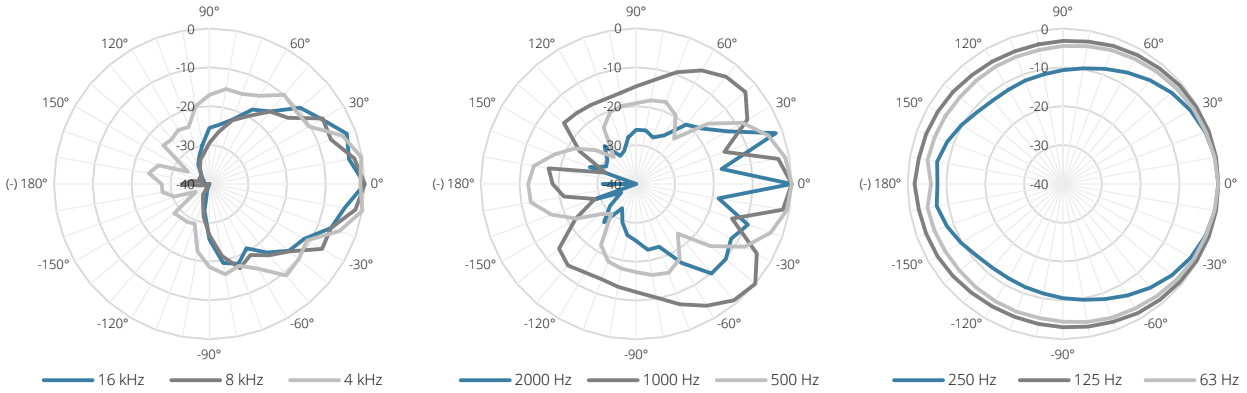
We reserve the right to change specifications without notice, this is part of our policy to continually improve our products.

Acoustical data graphs:

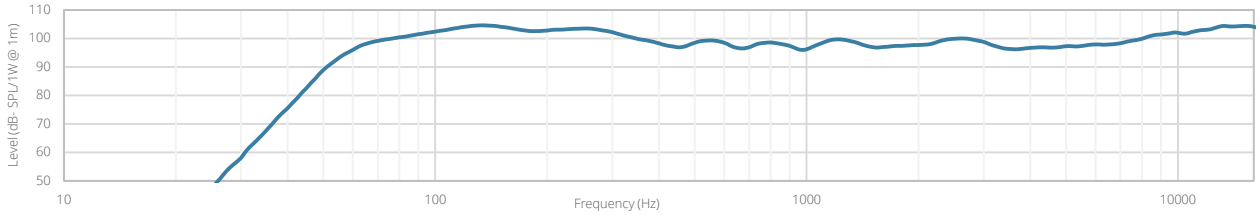
Horizontal Polars:



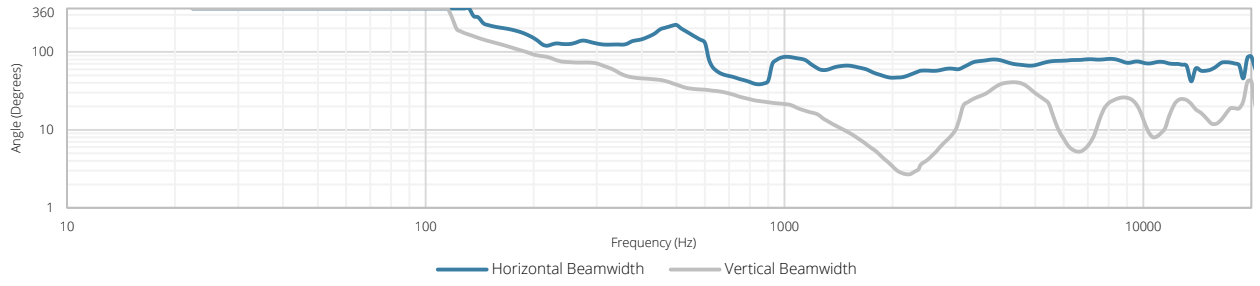
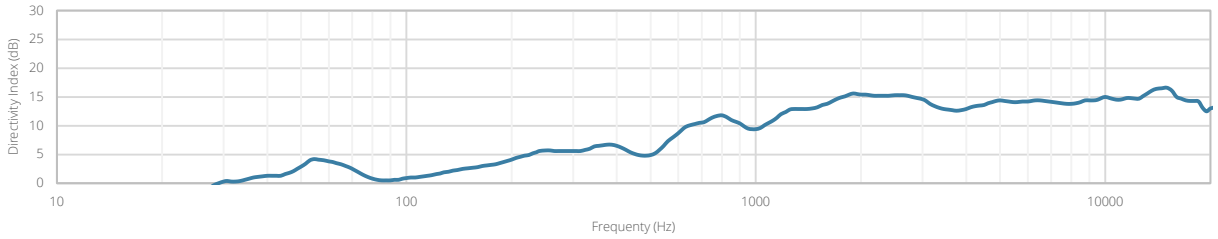
Vertical Polars:



Sensitivity:



Beamwidth (-3dB):



Directivity index: