

# FX15

## High-Power Coaxial Full-Range System



### Features

- High-output, coaxial passive two-way system
- Coaxial Differential Dispersion™ technology
- Elegant composite enclosure
- User rotatable coaxial drive unit
- Vertical and horizontal mounting options
- Screw-free perforated steel grille

### Applications

- Small-medium live music clubs
- Music bars
- Nightclubs
- Premium KTV
- Infills in larger installations



The FX15 is a very high-power, coaxial two-way system designed for premium entertainment installations that demand the ultimate in sonic performance from a single enclosure. It utilises unique Coaxial Differential Dispersion technology to deliver class-leading performance, fidelity and coverage consistency.

Featuring a powerful 15" (380mm)/3" (75mm) voice coil LF drive unit, and a 1.4" (35mm) exit HF compression driver with a 3" (75mm) pure titanium diaphragm, it combines the consistent coverage attributes of Differential Dispersion technology with the 'point-source' benefits of coaxial designs.

Coaxial Differential Dispersion™ technology delivers more consistent audience coverage than systems with conventional X° x Y° horns — projecting relatively more output to the rear of the audience to distribute sound evenly front-to-to-back, while having wide horizontal coverage close-up. In addition, the FX15 overcomes the high frequency 'beaming' associated with conventional coaxial devices — maintaining its defined, rectangular dispersion pattern out to very high frequencies.

The visually-distinctive composite enclosure has a plywood speaker baffle and is coated in textured black polyurethane. It can be used in either horizontal (landscape) or vertical (portrait) orientation, with rotation of the coaxial driver easily accomplished by removing the screw-free, protective grille. The curved shape of the FX15 allows it to be bracket-mounted close to a wall, for more discreet positioning, and integral M8 inserts are provided for eyebolt suspension.

A full-range passive system, the FX15 may be used without a controller. However, the EQ and limiter functions of a controller such as the Martin Audio DX0.5 will maximise its capabilities. When used with a B218 subwoofer, crossover and EQ functions can be performed by the DX0.5 system controllers, or by a VIA Series amplifier with onboard DSP option.

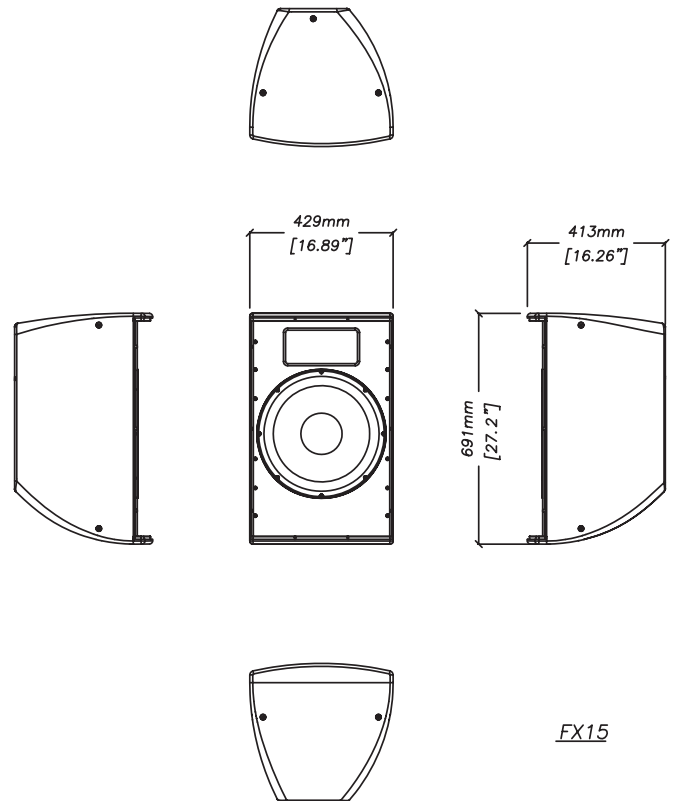
# FX15

## High-Power Coaxial Full-Range System



### Technical Specifications

TYPE	Compact, high-output, coaxial passive two-way system
FREQUENCY RESPONSE (5)	55Hz-18kHz $\pm$ 3dB -10dB @ 45Hz
DRIVER	LF: 15" (380mm)/3" (75mm) voice coil, long excursion, shared ferrite motor system with HF HF: 1.4" (35mm) exit/3" (75mm) voice coil, titanium dome compression driver
RATED POWER (2)	400W AES, 1600W peak
RECOMMENDED AMPLIFIER	VIA5002/5004
SENSITIVITY (6)	100dB
MAXIMUM SPL (7)	126dB continuous, 132dB peak
NOMINAL IMPEDANCE	8 ohms
DISPERSION (-6dB)	100°-60° horizontal, 60° vertical (user-rotatable)
CROSSOVER	1.3kHz passive
ENCLOSURE	68 litre, composite material
FINISH	Black polyurethane paint
PROTECTIVE GRILLE	Black perforated steel, Declon® backed
CONNECTORS	2 x Neutrik® NL4
PIN CONNECTIONS	Input: 1+, 1- Link through: 2+, 2-
FITTINGS	16 M8 threaded inserts
DIMENSIONS	(W) 429mm x (H) 691mm x (D) 413mm (W) 16.9ins x (H) 27.2ins x (D) 16.3ins
WEIGHT	27kg (59.4lbs)



FX15

#### Notes

- (1) Measured on-axis in half space at 2 metres, then referred to 1 metre.
- (2) AES Standard ANSI S4.26-1984.
- (3) Measured in half space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (4) Measured in half space at 2 metres using band limited pink noise, then referred to 1 metre.
- (5) Measured on-axis in open (4 $\pi$ ) space at 2 metres, then referred to 1 metre.
- (6) Measured in open (4 $\pi$ ) space at 2 metres with 1 watt input, using band limited pink noise, then referred to 1 metre.
- (7) Measured in open (4 $\pi$ ) space at 2 metres using band limited pink noise, then referred to 1 metre.
- (8) Measured in open (4 $\pi$ ) space at 2 metres with 2.83v input, using band limited pink noise, then referred to 1 metre.
- (9) Calculated in half space at 1 metre.

