



FX Full Range / Coaxial



APPLICATIONS

Mini Fill
Entertainment Venues
Theaters
Cruise Ships
Houses of Worship

FEATURES

Full Range, Passive
Coaxial Device:
(1) 4" (101.6mm) Woofer
with 3/4" Silk Dome Tweeter
100° H x 100° V Coverage
Integrated Mounting Points
Black Epoxy Mastic Finish
Terminal Strip Connector

GENERAL DESCRIPTION

The Clair Brothers FX is a full range, passive coaxial loudspeaker. FX is extremely compact (4.75" height, 5.07" width) and provides an economical solution for distributing audio in any small venue. It is small enough to blend in with architectural features in your restaurant or club, while delivering high quality audio to a wide coverage area.

The FX's combination of form and function makes it the ideal choice for small theater fills, distributed paging and music systems, museum exhibits, conference rooms and more. The FX has many mounting and color options making it perfect for any project.

When you need quality audio that disappears into the décor, the FX is the smart choice.

As with all Clair Brothers products, the FX is constructed of the finest Baltic birch plywood with a rugged epoxy mastic finish to withstand the most demanding conditions.

The speaker grille is constructed of perforated steel and backed with a high-grade reticulated foam.

OPTIONS & ACCESSORIES

FX-MB – Standard Yoke Mounting Bracket
FX-MB-LP – Low Profile Yoke Mounting Bracket
Custom Colors Available

Connector Option:

(1) "Pit Rail" Style with 1/4" Strat Jack Plate

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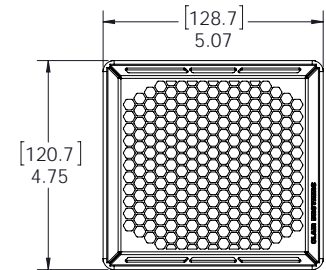
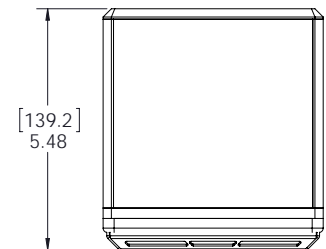
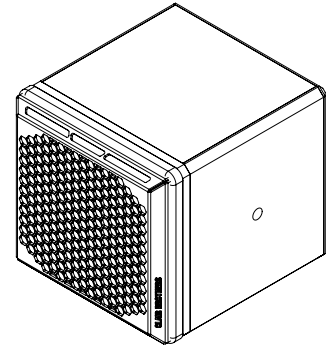
AUDIO SPECIFICATIONS

Loudspeaker Type	Passive	Full Range, Coaxial
Frequency Response (+/- 2dB)	Single Cabinet	152Hz–20kHz
	-10 dB Point	100Hz
Recommended Power Amplifier		100W Peak @ 8 Ohms
Sensitivity (1 Watt @ 1 Meter)	Full Range	88 dB SPL
Maximum Output	Cont.	100 dB SPL
	Peak	103 dB SPL
Driver	Full Range / Coaxial	(1) 4 in. (101.6mm) Woofer with 3/4" Silk Dome Tweeter
Nominal Impedance	Full Range	8 Ohms
Power Handling	Cont.	25W
	Peak	50W
Dispersion		100° H x 100° V (Conic)
Input Connection	Standard	(1) 2-Position Terminal Strip
	Optional	(1) 1/4" Strat Jack Plate

MECHANICAL SPECIFICATIONS

Enclosure	Shell	12mm Baltic Birch
	Finish	Black Epoxy Mastic
Grille		Perforated Steel, Foam Backed
Dimensions	Height	4.75 in. (120.7mm)
	Width	5.07 in. (128.7mm)
	Depth	5.48 in. (139.2mm)
Weight		3 lbs. (1.4kg)
Shipping Weight		TBD

Note: All wattage figures are calculated using the rated nominal impedance.
Clair Brothers products are designed to perform optimally by utilizing factory recommended proprietary DSP settings.



FX Terminal Strip Configuration

Terminal Color	Use
Black	(-)
Red	(+)

FX 1/4" Connector Configuration

Connector	Use
Sleeve	Full Range (-)
Tip	Full Range (+)

ARCHITECT AND ENGINEER SPECIFICATIONS

The loudspeaker shall be a full range, passive coaxial system containing a total of one 4 in. driver in an enclosure. Power handling capacity shall be 50 watts RMS nominal and 25 watts RMS continuous. The full range, coaxial driver shall be 4 in. diameter capable of handling 50 watts of pink noise with a 6 dB crest factor for 8 hours (as per EIA RS-426-A standard). The pass-band frequency range shall be at minimum, 152Hz–20kHz with -10dB at 100Hz. The motor assembly shall have high thermal capacity and low thermal power compression characteristics. The enclosure shall be constructed of 12mm, 13-ply Baltic birch and be covered with an epoxy mastic finish. Enclosure shall have integrated mounting points. Dimensions shall be 4.75 in. high, 5.07 in. wide, and 5.48 in. deep. The system weight shall be 3 lbs (1.4kg). The loudspeaker system shall be the Clair Brothers FX speaker.

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Due to constant research, development and improvements all specifications are subject to change without notice.