

FRX-660 Speaker System



F R X
S P E A K E R
S Y S T E M S

General Product Description

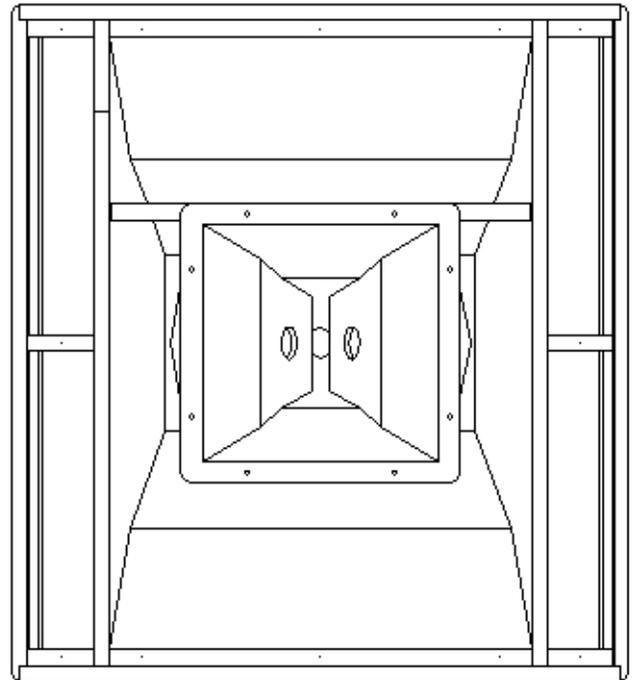
Two-way full-range horn-loaded coaxial speaker system, passive with biamp option in a vented trapezoidal enclosure. Includes a 15-inch woofer and a 2-inch voice coil compression driver on a 60° x 60° constant-directivity horn. Steel grille and built-in L-track rigging.

Applications

The FRX-660 uses EV's exclusive RMD™ (Ring-Mode Decoupling) to provide outstanding vocal clarity and intelligibility in a cost-effective two-way system. The versatile enclosure features L-track rigging to allow horizontal or vertical mounting. The vented low frequency horn design delivers rated control to 500 Hz. Five year warranty.

Applications include:

Stadiums	Arenas
Houses of Worship	Discos
Live Music Clubs	Gymnasiums



Speaker Description

Part Number	FRX-660-BLK
LF Section & Components	DL15-FRX 15-inch woofer in vented enclosure
HF Section & Components	DH2t compression driver with 2-inch titanium diaphragm on a constant-directivity horn
System Configuration	Two-way, Full range
Powering Configuration	Passive or Biamp
Recommended High-Pass Frequency (24 dB/octave min.)	1200 Hz
Cabinet Type (shape)	Trapezoidal
Enclosure Materials	7-ply plywood
Finish	Black textured paint
Connectors	Two barrier strips
Suspension Hardware	Built-in L-track rigging
Grille	Powder-coated perforated steel backed with foam
Options	WH-white textured paint UN-unfinished

FRX-660

Speaker System

Speaker Characteristics

Frequency Response (passive)

-3 dB	50 Hz-20 kHz
-10 dB	43 Hz-20 kHz

Axial Sensitivity

(SPL/1 Watt/1m) Passive	101 dB
(SPL/1 Watt/1m) Biamp (LF/HF)	105/109 dB

Impedance

Passive	8 ohms
Biamp (LH/HF)	8/8 ohms

Power Handling

Passive	Long-term (EIA)	400 watts
	Short-term peak	1,600 watts
Biamp-LF	Long-term (EIA)	400 watts
	Short-term peak	1,600 watts
Biamp-HF	Long-term (AES)	60 watts
	Short-term peak	240 watts

Calculated Maximum Output SPL

Peak	133 dB
Long Term	127 dB

Nominal Coverage Angle

Horizontal (-6 dB)	60°
Vertical (-6 dB)	60°

Dimensions

Height	31.0 in.	(787 mm)
Width at front	28.3 in.	(719 mm)
Width at back	19.5 in.	(495 mm)
Depth	26.0 in.	(660 mm)
Trapezoid Angle	15° per side	

Weights

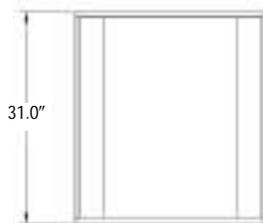
Net Weight	152 lb.	(68.95 kg)
Shipping Weight	157 lb.	(71.21 kg)

Architects' and Engineers' Specifications

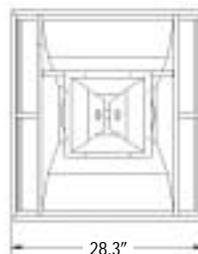
The loudspeaker system shall be a coaxial, two-way full-range design consisting of a 15-inch woofer, a high-frequency compression driver on a molded constant-directivity horn and a dividing network providing an acoustic crossover frequency of 1,200 Hz. The system shall be configurable in a biamp mode through internal switches in the crossover network. The loudspeaker shall meet the following performance criteria; power handling, 400 watts, based upon ANSI/EIA RS-426-A 1980 standard for full-range loudspeaker systems; frequency response, smooth and usable at high SPL levels from 50 Hz to 20 kHz; pressure sensitivity, 101 dB SPL (passive mode) or 105 dB (LF)/109 (HF) in biamp mode for 1 W at 1 m; impedance, 8 ohms nominal, 5 ohms minimum. The system shall have a dispersion pattern with 60° nominal horizontal from 3 kHz to 20 kHz and 60° nominal vertical from 3 kHz to 20 kHz. The enclosure shall be constructed from plywood and braced appropriately, and the grille will be constructed from powder-coat steel, backed by a weather-resistant foam. The dimensions shall be 78.7 cm (31.0 in.) high by 71.9 cm (28.3 in.) wide by 66.0 cm (26.0 in.) deep. Net weight shall be 68.95 kg (152 lb). The system shall be the Electro-Voice FRX-660 BLK (black texturlac paint with black grille), or the FRX-660 UN (unfinished ready for staining with black grille), or the FRX-660 WH (white texturlac paint with white grille).



Top View



Front View
(with grille)



Front View
(with grille removed)



Side View



Back View



EVERYWHERESM

USA	12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-884-4051, FAX: 952-884-0043
Canada	705 Progress Avenue, Unit 46, Scarborough, Ontario, Canada, M1H2X1, Phone: 416-431-4975, 800-881-1685, FAX: 416-431-4588
Switzerland	Keltenstrasse 11, CH-2563 IPSACH, Switzerland, Phone: 41/32-331-6833, FAX: 41/32-331-1221
Germany	Hirschberger Ring 45, D94315, Straubing, Germany, Phone: 49 9421-706 392, Fax: 49 9421-706 287
France	Parc de Courcerin, Allee Lech Walesa, Lognes, 77185 Marne La Vallée, France, Phone: 33/1-6480-0090, FAX: 33/1-6480-4538
Australia	Unit 23, Block C, Slough Business Park, Slough Avenue, Silverwater, N.S.W. 2128, Australia, Phone: 61/2-9648-3455, FAX: 61/2-9648-5585
Hong Kong	Unit E & F, 21/F, Luk Hop Industrial Bldg., 8 Luk Hop St., San PO Kong, Kowloon, Hong Kong, Phone: 852-2351-3628, FAX: 852-2351-3329
Japan	2-5-60 Izumi, Suginami-ku, Tokyo, Japan 168, Phone: 81-3-3325-7900, FAX: 81-3-3325-7789
Singapore	3015A Ubi Rd 1, 05-10, Kampong Ubi Industrial Estate, Singapore 408705, Phone: 65-746-8760, FAX: 65-746-1206
Mexico	Av. Parque Chapultepec #66-201, Col. El. Parque Edo. Mex. 53390, Phone: (52) 5358-5434, FAX: (52) 5358-5588
UK	4, The Willows Centre, Willow Lane, Mitcham, Surrey CR4 4NX, UK, Phone: 44 181 640 9600, FAX: 44 181 646 7084
Africa, Mid-East	12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7424, FAX: 952-887-9212
Latin America	12000 Portland Ave South, Burnsville, MN 55337, Phone: 952-887-7491, FAX: 952-887-9212

www.electrovoice.com • Telex Communications, Inc. • www.telex.com

©Telex Communications, Inc. 9/2000 Part Number XXXX

U.S.A. and Canada only.
For customer orders, contact the Customer Service department at
800/392-3497 Fax: 800/955-6831
For warranty repair or service information, contact the Service
Repair department at 800/685-2606
For technical assistance, contact Technical Support at 800/392-3497
Please refer to the Engineering Data Sheet for warranty information.
Specifications subject to change without notice.