

TX1152FM 15" Passive Floor Monitor

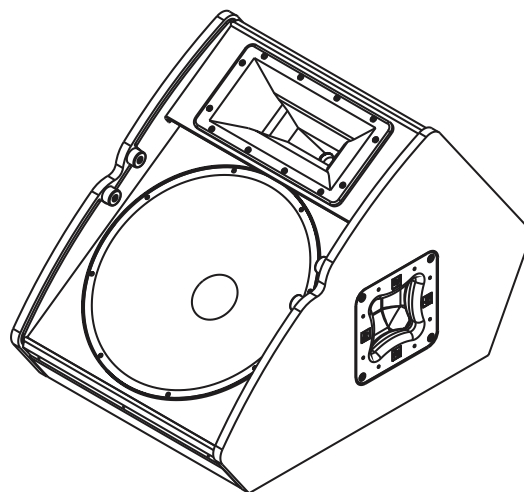


- 55° Vertical Floor Monitor with Signal Synchronized Transducers
- 100 dB Sensitivity, 133 dB Maximum SPL
- DH3 1.25" (32 mm) Diaphragm, 1" (25 mm) Exit Pure Titanium Compression Driver
- SMX2151 15" (381 mm) LF Transducer with Fully Symmetric Drive
- 500 W Continuous (2000 W Peak) Power Handling

The Electro-Voice TX1152FM is a compact, high output dedicated floor monitor for use on small to medium-sized stages where high quality vocal and instrument applications are required in a lightweight package. The TX1152FM enclosure utilizes Signal Synchronized Transducers (patent pending), a design that aligns the woofer and compression driver by locating them on separate baffles, and integrates a low distortion port between the baffles. This offers tremendous advantages over traditional flat baffle construction: the acoustic centers of the woofer and compression driver are closer together, synchronizing arrival time; the voice coils of the compression driver and woofer are in the same plane, achieving linear phase response; and the size of both baffles are smaller than a single baffle; resulting in a smaller footprint.

The TX1152FM utilizes the DH3, a high output 1.25" titanium compression driver, coupled to a Constant Directivity 90° x 50° horn. The SMX2151 15" woofer has an FEA optimized magnet structure and shorting ring for ultra low distortion. The crossover uses steep 24 dB/octave slopes with equalization for very smooth response in vocal range, and has a built in protection circuit for long term reliability. The combination of the transducers, enclosure, and crossover result in a compact floor monitor that is capable of very high output levels before feedback.

The TX1152FM has a variety of features that make it suited as a dedicated floor monitor. The internally braced enclosure is constructed out of a combination of plywood and MDF, and coated with EVCoat™ for maximum strength and durability. The unique grille design is very strong and dent resistant, and features a rotatable logo. Four way handles allow for gripping the TX1152FM in a variety of positions. The recessed input



panel with dual NL4 connectors is located on the rear of the enclosure, which keeps the connectors hidden and away from the performers on stage.

Parts included

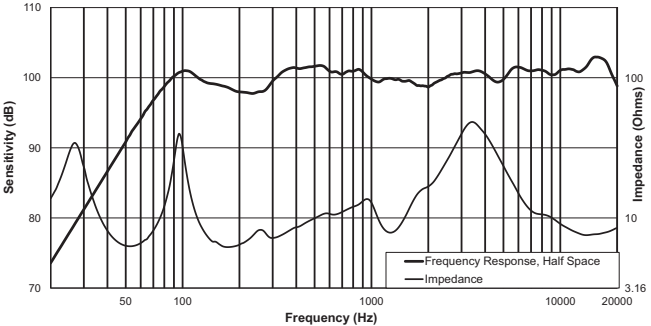
Quantity	Component
1	Floor monitor
1	User manual

Technical specifications

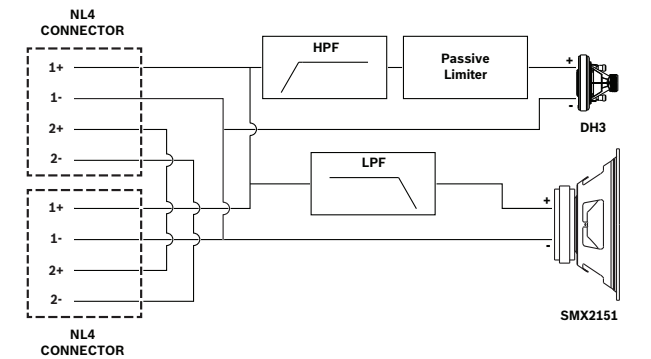
Frequency response (-3 65 Hz - 20 kHz dB):
Frequency range (-10 45 Hz - 20 kHz dB):
Rec. hipass frequency: 45 Hz
Axial sensitivity: 100 dB (1W/1m)
Max. calculated SPL: 133 dB
Horizontal coverage: 90°
Vertical coverage: 50°
Power handling: 500 W continuous, 2000 W peak
LF transducer: SMX2151, 15 in (381 mm) driver
HF transducer: DH3, 1.25 in (32 mm) diaphragm compression driver
Crossover frequency: 1750 Hz
Nominal impedance: 8 Ohm
Minimum impedance: 6.2 Ohm
Connectors: (2) Neutrik Speakon NL4's

Enclosure material:	Plywood and MDF with EVCoat
Grille:	16 GA steel, black powdercoat, with rotatable logo
Color:	Black
Dimensions (H x W x D):	18.7 in x 17.3 in x 25.8 in (475 mm x 439 mm x 655 mm)
Net weight:	51.9 lb (23.5 kg)
Shipping weight:	59.4 lb (27.0 kg)

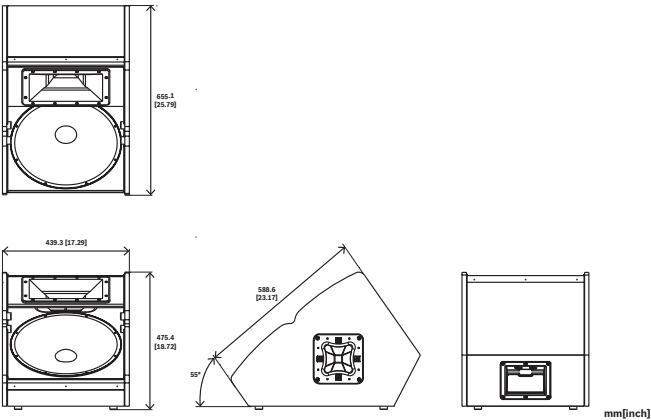
Frequency response and impedance:



Block diagram:



Dimensions:



Represented by:

Germany: Bosch Sicherheitssysteme GmbH Robert-Bosch-Ring 5 85630 Grasbrunn Germany www.electrovoice.com	Bosch Security Systems, LLC 12000 Portland Avenue South Burnsville MN 55337 USA
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Compatible System Solutions:

- PL80A Dynamic supercardioid microphone, black
- TX1122FM 12" 2-way passive floor monitor, black
- Q99 Power amplifier 2 x 900 W
- DC-One 120 V Digital loudspeaker controller

Ordering information

- EV-TX1152FM 15" 2-way passive floor monitor, black**
1 x 15" Floor Monitor, 100 dB, 500 W cont., black
Order number **EV-TX1152FM | F.01U.135.409**
- TX1152FM_HE 15" 2-way passive floor monitor, black**
1 x 15" Floor Monitor, 100 dB, 500 W cont., black
Order number **TX1152FM_HE | F.01U.302.278**