

FX20-PRO



- 600 W EVX 180B transducer
- 30–150 Hz (-10 dB)
- High-efficiency planar waveguide design
- Voice coil tracking protection

The FX20-PRO is a horn-loaded subwoofer with an Electro-Voice EVX180B 18" high performance transducer. Nominal impedance is 8 Ohm, power handling 600 W RMS. Power amps up to 1200 W/ 8 Ohm can be used in order to have maximum dynamic range without the danger of thermal overload in non-controlled situations. The sensitivity of the cabinet is 101 dB/1 W/1 m, the maximum SPL is 135 dB. The driver is protected by a "Voice Coil Tracking" system called protection circuitry which prevents overheating. Recommended crossover frequencies are 80 to 140 Hz depending on the application.

The housing is made of 15 mm birch plywood and coated with a very robust textured paint. The front grille is made of powder coated steel. 4 casters and 4 ergonomic handles provide simple handling.

Parts included

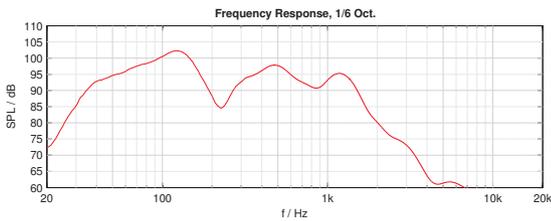
Quantity	Component
1	FX20-PRO
1	Engineering data sheet
1	Important safety instructions

Technical specifications

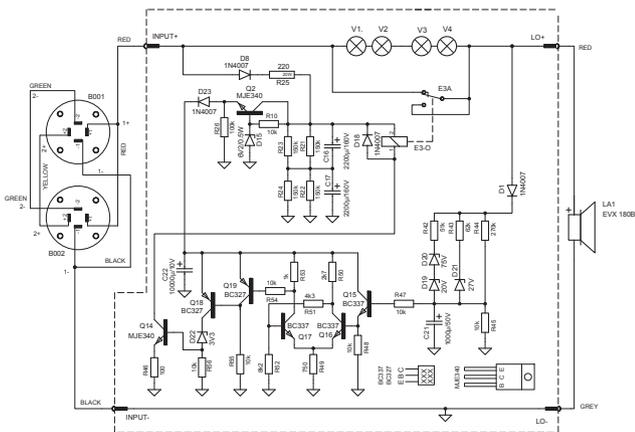
Description	Passive subwoofer, planar waveguide bass horn
Nominal impedance	8 Ω
Power handling	<ul style="list-style-type: none"> • Rated power RMS 600 W • Program power 1200 W • Peak power 2400 W
Sound pressure level	<ul style="list-style-type: none"> • SPL 1 W/1 m 101 dB • Maximum SPL (1 meter) 135 dB
Frequency range (-10 dB), measured with Xa 4000	30–150 Hz
Recommended active crossover frequency	140 Hz, 18 dB/oct. Butterworth
Voice coil tracking protection	Yes
Transducer	EVX 180B
Audio sockets	

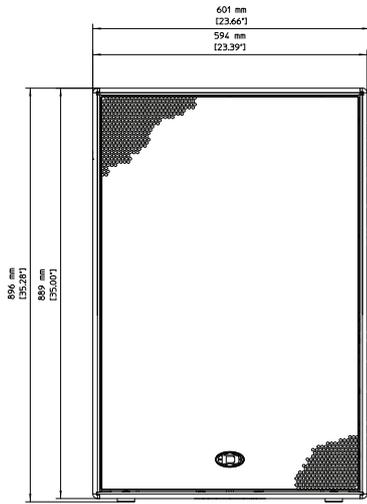
• Model	2 × NEUTRIK speakON NL4MPR
• Contacts	1+/1-
Enclosure material	Birch plywood, 15 mm
Enclosure finish	Heavy-duty structured lacquer
Color	Black (RAL 9005, jet black)
Grille	Powder coated steel
Handles	6
Castors	4
Product dimensions (Width × Height × Depth)	610 × 905 × 814 mm
Net weight	54.3 kg
Shipping weight	60.5 kg

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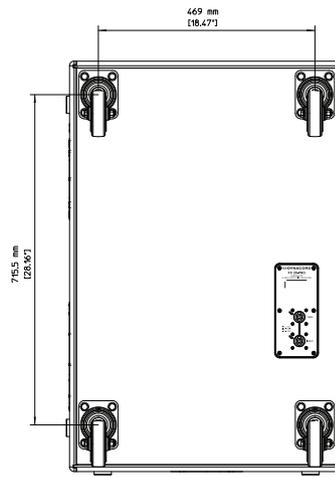


Frequency response

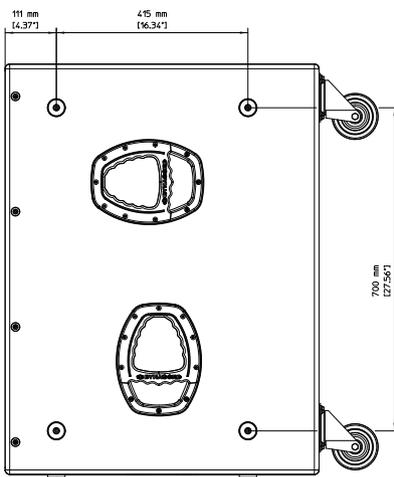




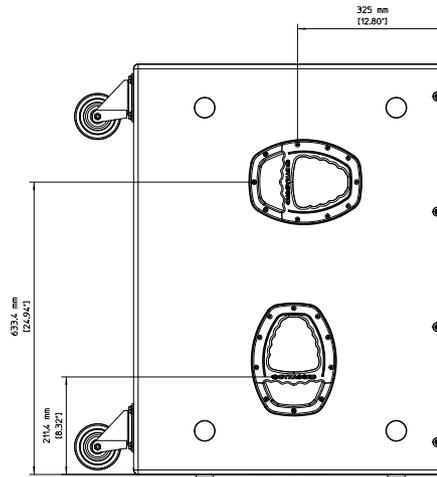
FRONT VIEW



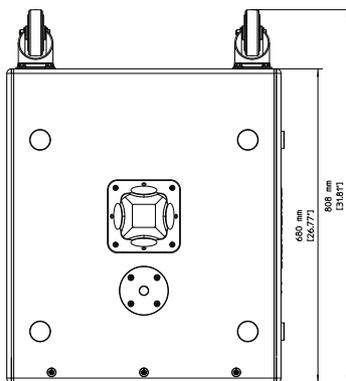
REAR VIEW



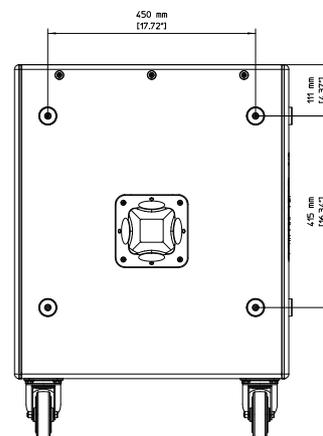
SIDE RIGHT



SIDE LEFT



TOP VIEW



BOTTOM VIEW

Dimensions

Installation/configuration notes

Warning!



We expressly point out that the relevant safety regulations must be observed for “flying” loudspeaker systems. It is imperative that qualified expert advice is sought.

Warning!



This loudspeaker system can permanently damage hearing! Use extreme care when setting sound pressure levels!

Warning!



Consult a certified structural engineer before any attempt to suspend this loudspeaker!

Loudspeaker can fall from improper suspension, resulting in severe injury and damage of property. Do not suspend or mount any other product or device from this loudspeaker enclosure! Use grade 5 hardware or better only!

Ordering information

FX20-PRO

18” horn-loaded subwoofer with planar waveguide, 8 Ohm, 600 W RMS
Order number **F.01U.308.089**

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