

FD-52

Weather-resistant installation speaker

Field series is a range of all-weather installation series specifically designed for stadiums, sports arenas and other open air locations, where speakers are exposed to critical weather conditions throughout the year.

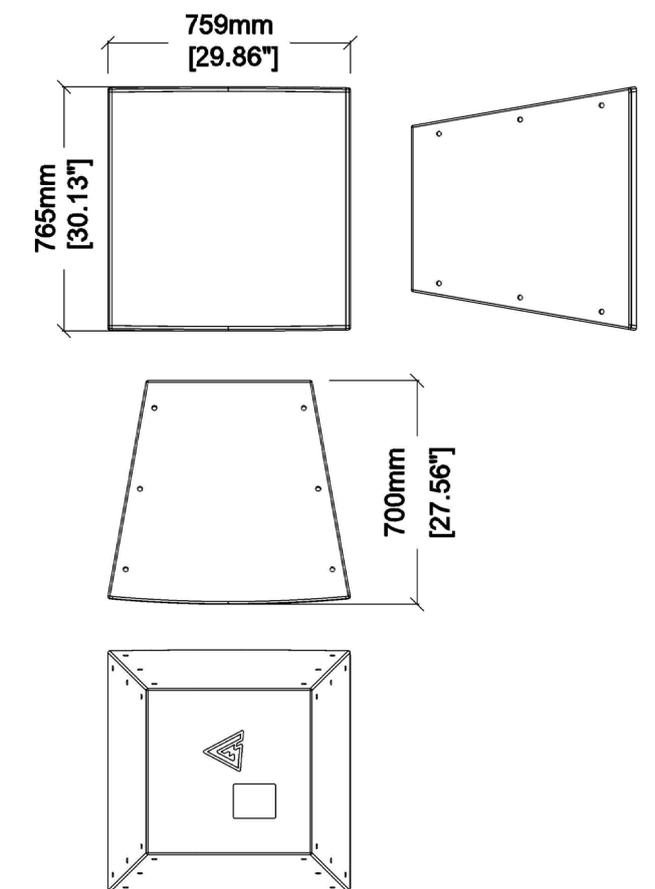
Field series' design allows engineer to create a tailored solution for the best coverage and clarity in clustered distributed systems for domed stadiums, arenas and other large open air spaces.

With comprehensive range of mounting accessories engineered for permanent installation, Field series is prepared to deliver controlled sound into the most difficult installations.

FD-52 is a coaxial positioned horn-loaded 15" and 1,5" HF driver speaker in weather-resistant IP 55 enclosure. Available with wide selection of HF horns which provide various coverage patterns, FD-52s are versatile for long-throw and short-distance applications alike.



DIMENSIONS



ACCESSORIES



FD-C
Connector for
FD-52, FD-S15

SPECIFICATIONS

Frequency response (-10dB)	86 - 18000 Hz
Max SPL ¹	141 dB
Sensitivity (1W/1m)	105 dB
Drivers	15" woofer, 1,5" HF driver in a coaxial configuration
Nominal Coverage	60° x 30° (FD-52.63) 60° x 60° (FD-52.66) 90° x 30° (FD-52.93) 90° x 60° (FD-52.96) 90° x 90° (FD-52.99)
Nominal Coverage	60° x 30° (FD-52.63)
Impedance	8 Ohm
Nominal power ²	500 W
Connectors	Barrier strip / Gland nut cover plate
Dimensions (WxHxD)	759x765x700 mm
Net weight	58 kg
Shipping weight	61 kg
Mounting	24x M10 Mounting points
Enclosure materials	Plywood; polyurethane environmental resistant paint
Weather-protection	IP 55
Speaker protection	Steel grill, acoustically transparent backing

¹ - pink noise, filtered according to AES 2 - 2012, crest factor 9 dB

² - based on transducer power measured according to AES 2 - 2012

CONNECTIONS

Use Hi-pass filter to prevent speaker damage and distorted sound by eliminating low non-audible frequencies in input signal.

Do not exceed input power ratings mentioned in specifications while exploiting the speaker system.

Speaker system comes with two Neutrik® Speakon heavy duty sockets for easy connection.

Signal +	1 +
Signal -	1 -
High pass filter:	
Freq, no less than	55 Hz
Order, no less than	18 dB/oct
Recommended amplifier power	600 - 1200 W on nominal impedance

SAFETY INSTRUCTIONS

1. Do not pour liquids on speaker system - this may cause driver cone destruction and unappealing speaker appearance. Do not allow direct sunlight on speaker cone in order to prevent premature failure. Do not install speaker system near open flames or heating elements.

2. Do not use speaker system with damaged speakON or speaker cable so as not to cause electric shock hazard or fire hazard.

3. Make sure speaker system is firmly set up on the floor, stage, or wall (where applicable).

4. While setting speaker system up onto an angled or slippery surface, make the necessary arrangements to avoid vibration-induced movement.

5. Speaker system is capable of delivering significant sound pressure levels. To avoid permanent or temporary hearing damage, prolonged exposure to sound pressure levels exceeding 90 dB should be limited.