



F 12 PA Speaker

Description

Powerful 12"/1" full-range speaker with constant dispersion angle of 80° x 60°. As a result of employing a long-excursion woofer in a sizeable cabinet the F 12 is a real full-range speaker with outstanding bass reproduction.

The elliptical mid-high horn with 1" driver affords precise directional characteristic and can be rotated by 90° for horizontal mounting.

The F 12 permits the implementation of powerful PA systems even without additional bass boxes.

Key Features

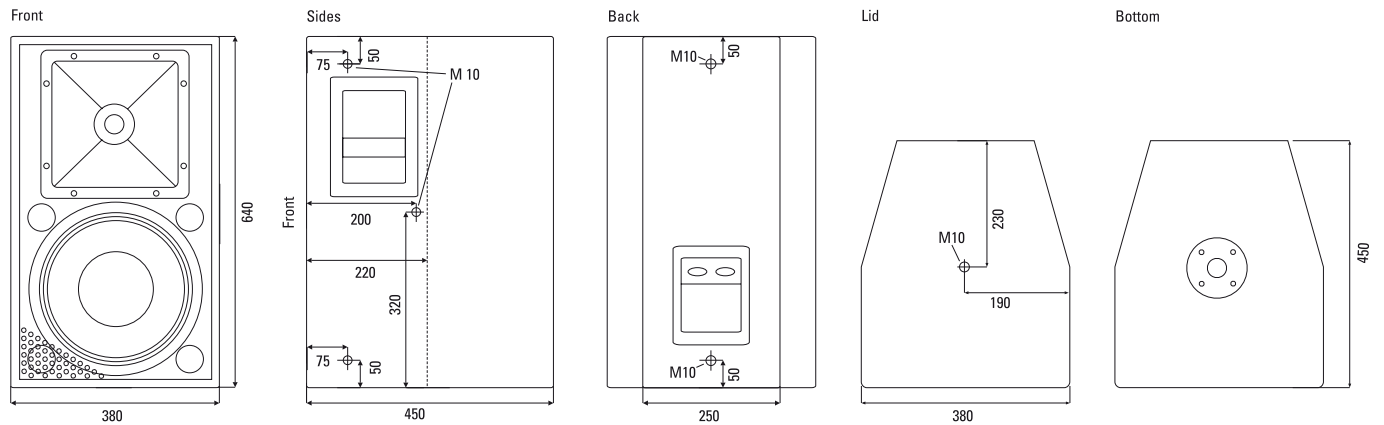
- 12" woofer + 1.4" driver with CD-horn
- 80° x 60° (H x V) dispersion
- 53 Hz – 19 kHz frequency range
- 1000 watts power capacity
- 126 dB maximum SPL
- Multi-purpose cabinet
- Extensive mounting accessories

Fields of Application

- Clubs, Discotheques
- Concert halls, theatres
- Large rooms, halls
- PA and mobile systems

F 12 PA Speaker

Dimensions



Technical Data

Principle	2-way bass reflex speaker
Components	12" woofer, 1.4" driver with CD horn
Frequency range	63 Hz – 19 kHz, 68 Hz – 17 kHz (+/-3 dB)
Impedance	8 ohms
Power capacity	RMS 500 watts, program 1000 watts
Sensitivity	96 dB (1 W @ 1 m)
Maximum SPL	126 dB @ 1 m
Nominal dispersion (H x V)	80° x 60°
Dimensions (W x H x D)	380 x 640 x 450 mm
Weight	30 kg
Cabinet	Multi-purpose cabinet, plywood, trapezoidal, textured paint, threaded inserts M 10 on sides / in the rear, front metal grille lined with foam
Connectors	2 x Speakon
Warranty	5 years

Model

Order-No.

Version

F 12 Black	1410-0001	RAL 9005, textured paint
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Other colours and versions on request

Accessories

Order-No.

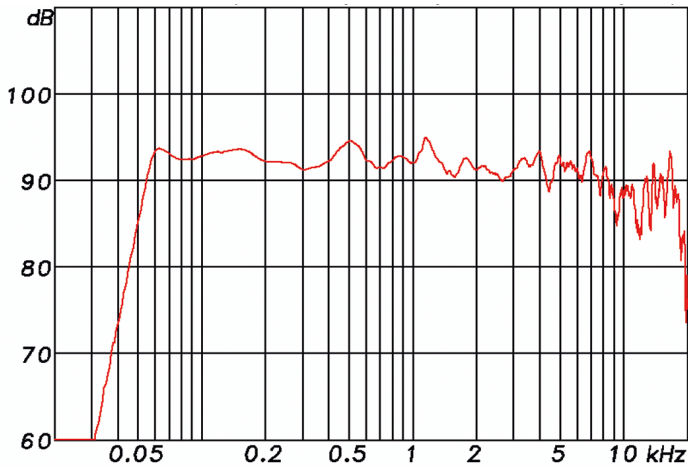
Version

UB 12	7114-0017	U-bracket for vertical installation incl. mounting accessories, powder-coated, black
UB 12 Q	7114-0018	U-bracket for horizontal installation incl. mounting accessories, powder-coated, black

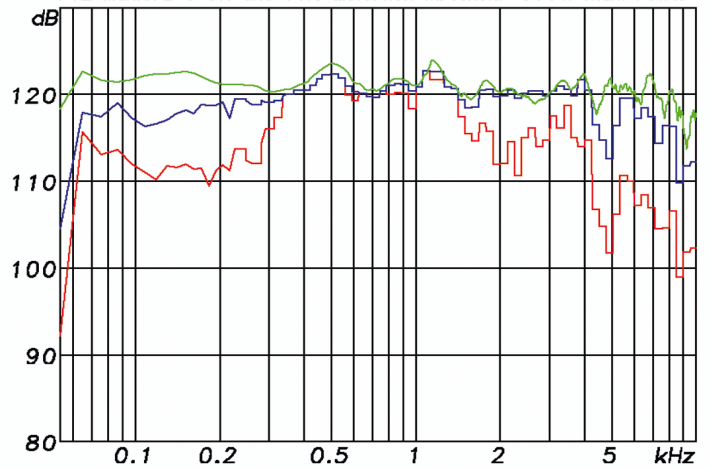
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Measuring Diagrams

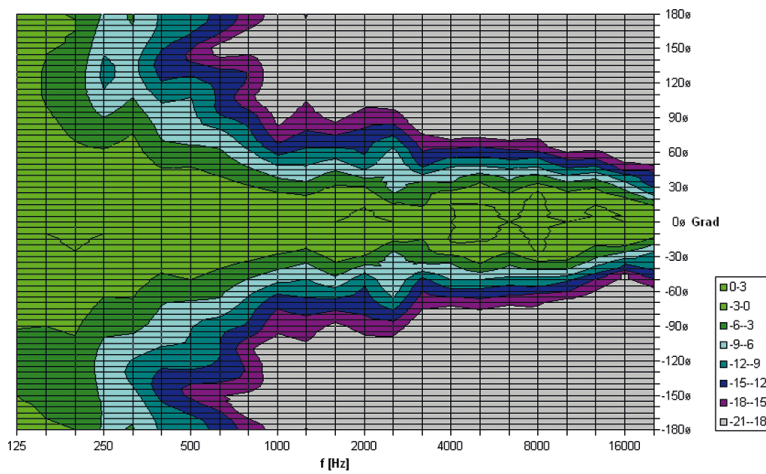
F 12 Sens. 2.83 V/1m: 92 dBb (100-10k) 50 Hz - 18.3 kHz (-6 dB)



F 12 max. SPL @ 3% and 10% dist. threshold 800 W max. power



F 12 hor. directivity plot



F 12 vert. directivity plot

