



## F 12 PA Speaker

### Description

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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

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- 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

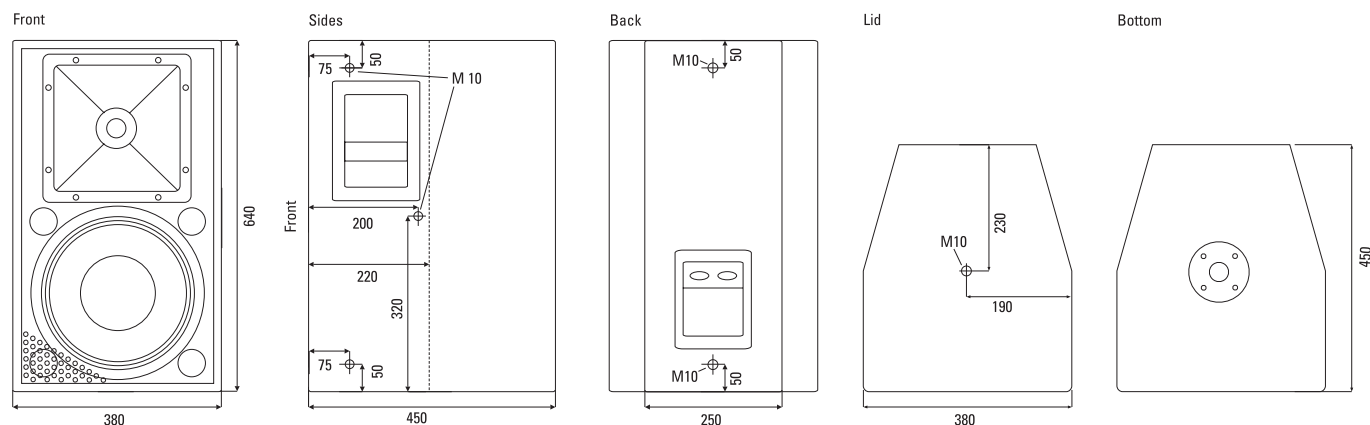
### Fields of Application

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- 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

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

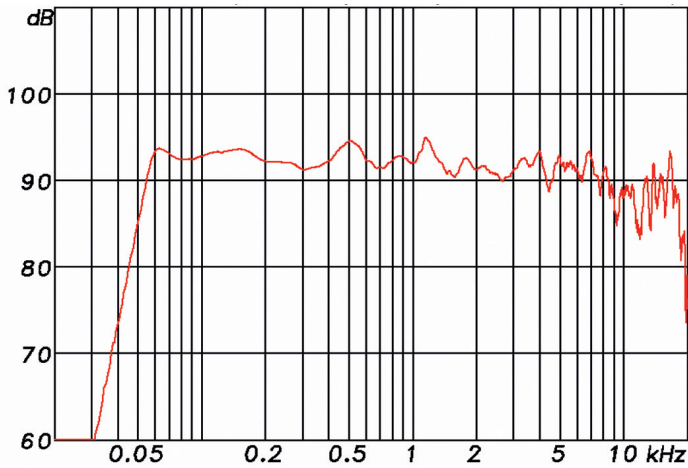
U-bracket for horizontal installation incl. mounting accessories, powder-coated, black



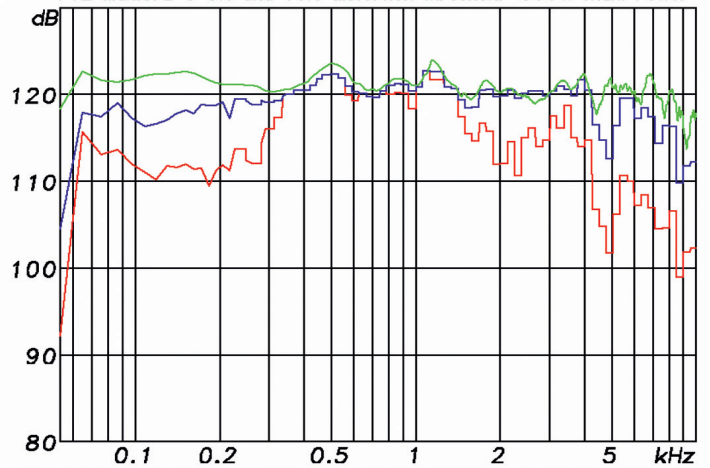
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## Measuring Diagrams

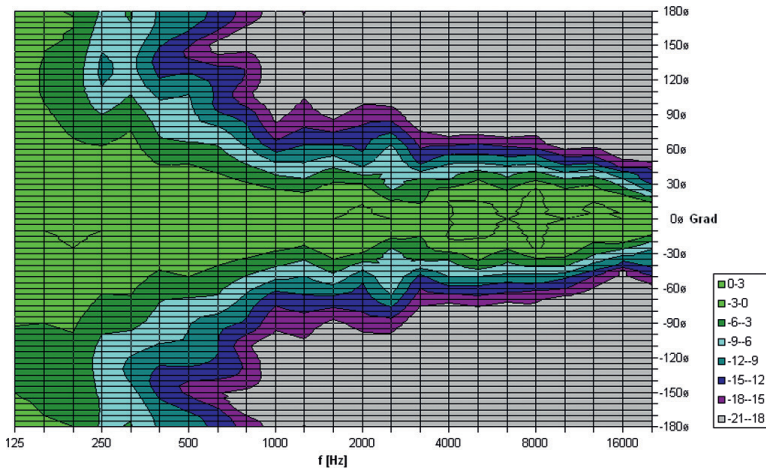
F 12 Sens. 2.83 V/1m: 92 dBb (100-10k) 50 Hz - 18.3 kHz (-6 dB)



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



F 12 hor. directivity plot



F 12 vert. directivity plot

