

## F 8 PA Speaker

### Description

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The F 8 is a compact, powerful PA speaker with a multi-purpose cabinet for universal applications. The heavy-duty 8" woofer and the precise CD horn for the mid-high range ensure high efficiency, high power capacity (500 watts) and homogeneous dispersion behavior of 80° × 80°.

Thanks to the precisely synchronized crossover, the F 8 achieves a very linear frequency response and provides a natural, dynamic sound.

The F 8 can be used as a full-range speaker, a monitor speaker or a floor speaker, even without additional subwoofers. It can also be deployed as a top unit in actively separated PA systems, for example, in combination with our B 12 B subwoofer.



### Key Features

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- 8" woofer + 1" CD horn
- 80° × 80° (H × V) dispersion
- 57 Hz – 20 kHz frequency range
- 500 watts power capacity
- 120 dB maximum SPL
- Multi-purpose cabinet
- Suitable as floor monitor
- Extensive mounting accessories

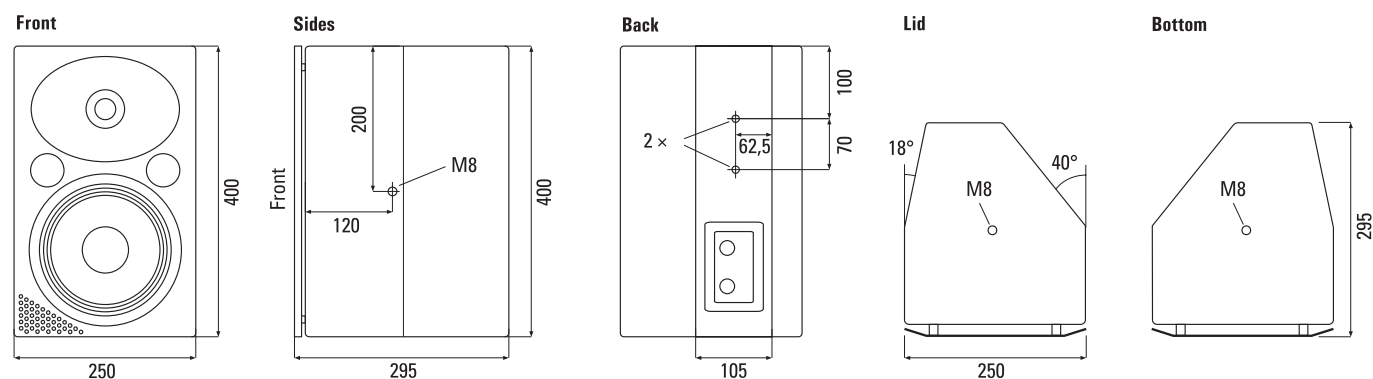
### Fields of Application

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

# F 8 PA Speaker




## Dimensions



## Technical Data

Principle	2-way bass reflex
Components	8" woofer + 1" CD horn
Frequency range	57 Hz – 20 kHz
Impedance	8 ohms
Power capacity	250 watts RMS, 500 watts program
Sensitivity	93 dB (1 W @ 1 m)
Maximum SPL	120 dB @ 1 m
Nominal dispersion (H x V)	80° x 80°
Dimensions (W x H x D)	250 x 400 x 300 mm
Weight	12 kg
Cabinet	Multi-purpose cabinet, plywood, textured paint, threaded inserts M 8 on side/on top/at the bottom and M 6 in the rear, front metal grille lined with foam, 40° floor monitor angle
Connections	2 x Speakon NL 4 MP
Warranty	5 years

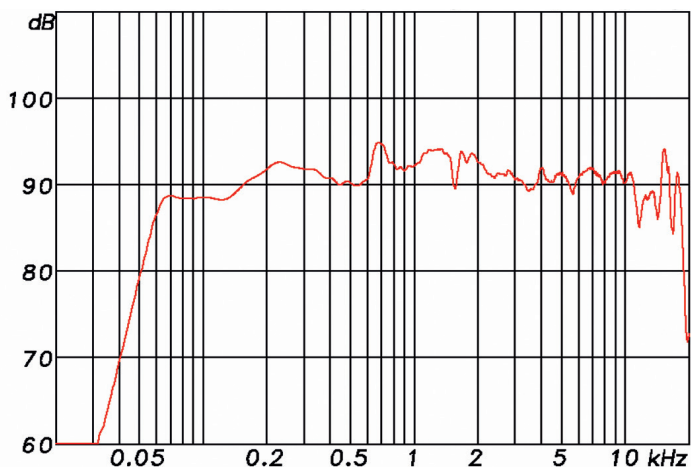
Model	Order-No.	Version
<b>F 8 Black</b>	1408-0001	RAL 9005, textured paint
Other colours and versions on request		

Accessories	Order-No.	Version
 <b>UB 8</b>	7114-0013	U-bracket for vertical installation incl. mounting accessories, powder-coated, black
 <b>UB 8 Q</b>	7114-0014	U-bracket for horizontal installation incl. mounting accessories, powder-coated, black
 <b>WH 200</b>	7114-0029	Wall-mount, powder coated, black

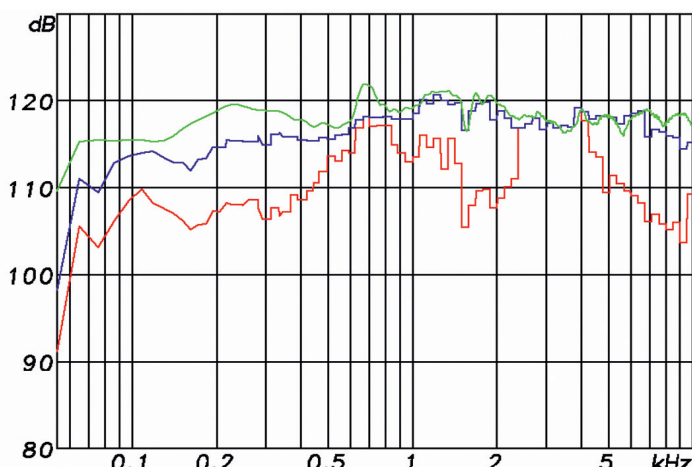
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## Measuring Diagrams

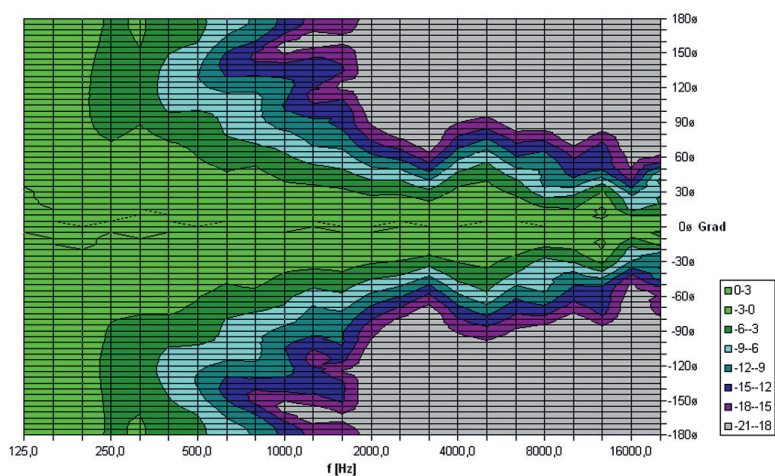
F 8 Sens. 2.83 V/1m: 91.3 db (100-10k) 57 Hz - 18.5 kHz (-6 dB)



F 8 max. SPL @ 3% and 10% distortion threshold 500 W max. power



F 8 hor. directivity plot



F 8 vert. directivity plot

