

F 6 A Active Monitor Speaker



Description

Active reference speaker for studios and sophisticated PA systems. The combination of a 6.5" woofer with a specially developed, deeply coupled 1" dome tweeter and a CD horn guarantees an extremely linear frequency response and a constant dispersion angle of 90° × 90° from 1.500 Hz.

The amplifier's electronics provide 120 watts for the woofer and 60 watts for the tweeter. Thanks to an elaborate filter circuit and precise VCA limiters to curb power and membrane excursion, the F 6 A remains in the linear range – even when input levels are very high – reproducing sound and music without any distortion.

Key Features

- 2-way active speaker
- 6.5" woofer + 1" CD-horn
- 120 + 60 watts amplifier power
- 90° × 90° (H × V) nominal dispersion
- 46 Hz – 20 kHz frequency range
- Extensive mounting accessories
- Standard finish: white and black

Fields of Application

- Clubs, discotheques
- Gastronomy, hotels
- Home audio
- Music pubs, bars
- PA, mobile systems
- Studios
- Surround systems

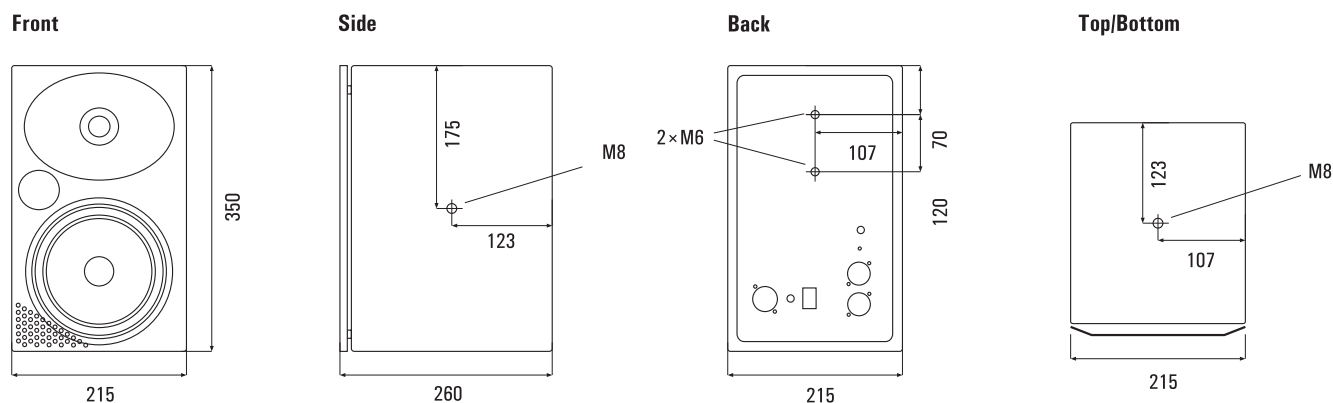
Amplifier section with operational controls



F 6 A

Active Monitor Speaker

Dimensions



Technical Data

Principle	2-way active speaker
Components	6.5" woofer + 1" dome tweeter with CD-horn
Frequency range	46 Hz – 20 kHz
Amplifier output	120 watts woofer, 80 watts tweeter
Maximum SPL	110 dB (1 W@ 1 m)
Nominal dispersion (H × V)	90° × 90°
Dimensions (W × H × D)	214 × 350 × 260 mm
Weight	9.8 kg
Cabinet	Plywood, varnish semi-matt, front steel grille, threaded inserts M 6 on the sides/on top/below/at the rear
Connectors	Input XLR + Thru OUT
Mains	Powercon, 230 V AC
Controls	Input-gain control, power ON/OFF
Displays	LED ON/Limit
Warranty	5 years

Model Order-No. Version

F 6 A White	0704-0003	RAL 9016
F 6 A Black	0704-0004	RAL 9005

Other colours and models on request

Accessories Order-No. Version

UB 6 White	7114-0005	U-Bracket, incl. mounting material
UB 6 Black	7114-0006	



UB 6 Q White	7114-0007	U-Bracket, for horizontal mounting incl. mounting material
UB 6 Q Black	7114-0008	



WH 350 White	7114-0028	Rotable/pivotable wall-mount
WH 350 Black	7114-0029	

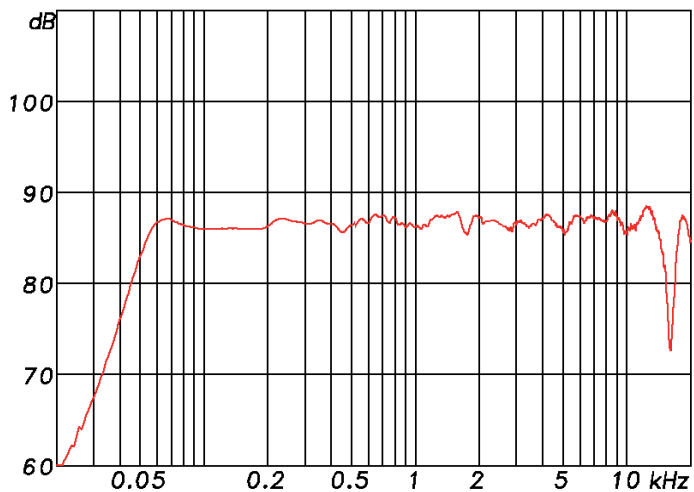


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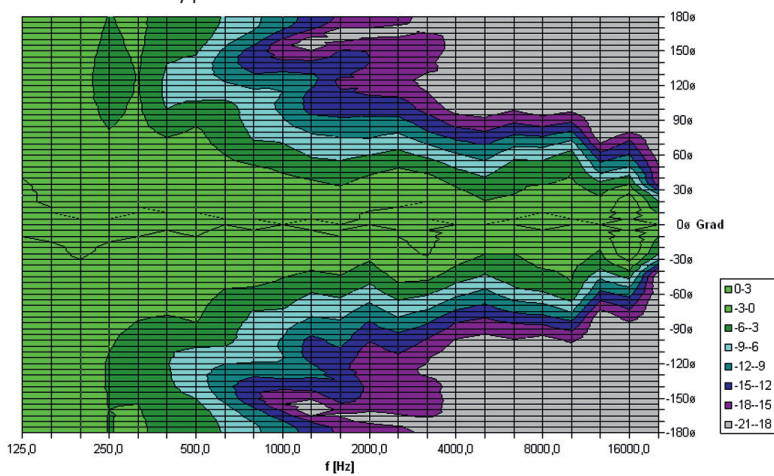
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Measuring Diagrams

F 6 A frequency response, full space



F 6 A hor. directivity plot



F 6 A vert. directivity plot

