



## CF-0617M

Order No.: 10.5870

**Price upon request**

### PRODUCTINFOS

**Professional PA midrange speaker, 200 W, 8  $\Omega$**

- 16.5 cm (6½") PA midrange speaker with an excellent sound, especially suitable for the acoustically important midrange from 300 Hz on
- High-quality Kevlar fibre-reinforced cellulose cone
- 45 mm heat-resistant voice coil on a Kapton voice coil former of high power capability
- FEA-optimised drive with copper cap on the pole core for lowest harmonic distortions
- Flat foam surround for minimum mechanical loss
- Robust diecast aluminium basket
- Ideally suited for multi-way PA systems, high-quality studio monitor speakers as well as hi-fi

### TECHNICAL SPECIFICATIONS

#### CF-0617M

Impedance (Z)	8 $\Omega$
Frequency range	300-7,000 Hz

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Resonant frequency (fs)	135 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	300 Hz
Power rating	200 W
Peak music power output	350 W
Sensitivity	96 dB/W/m
Max. rated SPL	120 dB
Suspension compl. (Cms)	0.12 mm/N
Moving mass (Mms)	11.65 g
Mech. Q factor (Qms)	7.49
Electr. Q factor (Qes)	0.6
Total Q factor (Qts)	0.55
Equivalent volume (Vas)	3.95 l
DC resistance (Re)	4.98 $\Omega$
Force factor (BxL)	9.08 Tm
Voice coil induct. (Le)	0.2 mH
Voice coil diameter	$\varnothing$ 45 mm
Voice coil former	Kapton
Linear excursion ( $X_{MAX}$ )	$\pm$ 1.2 mm
Eff. cone area (Sd)	145 cm <sup>2</sup>
Magnet weight	0.8 kg
Magnet diameter	$\varnothing$ 120 mm
Mounting cutout	$\varnothing$ 150 mm
Mounting depth	78.5 mm
Mounting hole diameter	173-175 mm
Hole spacing X-axis	121-123 mm
Hole spacing Y-axis	121-123 mm
Dimensions	160 x 160 x 78.5 mm
Outside diameter	$\varnothing$ 188 mm
Width	160 mm
Height	160 mm
Depth	78.5 mm
Admiss. ambient temp.	0-40 °C
Weight	1.79 kg
Sales unit	1
Type of speaker	6.5"