



## 4-512/C8/25RP

Order No.: 0106040

### PRODUCTINFOS

Our orchestra series with standard paper cone has been redeveloped using the know-how by ETON. The special radial reinforcement ribs and long-fibred paper compound with high damping does not only achieve an individual look; it also generates an undistorted and a very high pulse fidelity, even at high volume levels. The special paper compound prevents moding and thus, ensures a homogeneous reproduction of any frequency range possible. The midrange speakers and bass speakers of the Orchestra series feature a warm and natural sound. This results in a well-defined and well-balanced midrange. With a voluminous and vivid bass reproduction, our orchestra series is also very impressive in the low bass frequency range. Multiple ventilation of the ferrite drive and an aerodynamically efficient design of the diecast basket ensure that compression effects are reduced to a minimum. The Orchestra series is a reinterpretation of sound with classic materials - Made in Germany.

#### High-end hi-fi bass-midrange speaker, 40 W, 8 $\Omega$

- 10 cm (4") bass-midrange speaker for versatile applications
- Ribbed cone geometry, paper version
- Neutral sound with a warm, well-balanced midrange and a solid, fundamental bass
- Open design with phase plug

## TECHNICAL SPECIFICATIONS

### 4-512/C8/25RP

Impedance (Z)	8 $\Omega$
Frequency range	f3-5,000 Hz
Resonant frequency (fs)	78 Hz
Power rating (RMS)	40 W
Peak music power output (MAX)	80 W
Sensitivity	88 dB/W/m
Suspension compl. (Cms)	0.86 mm/N
Moving mass (Mms)	4.5 g
Mech. Q factor (Qms)	6.65
Electr. Q factor (Qes)	0.34
Total Q factor (Qts)	0.32
Equivalent volume (Vas)	3.7 l
DC resistance (Re)	5.8 $\Omega$
Force factor (BxL)	6.00 Tm
Voice coil induct. (Le)	0.35 mH
Voice coil diameter	$\varnothing$ 25 mm
Voice coil former	Kapton
Linear excursion ( $X_{MAX}$ )	$\pm$ 2.0 mm
Eff. cone area (Sd)	55 cm <sup>2</sup>
Magnet diameter	$\varnothing$ 90 mm
Mounting cutout	$\varnothing$ 96 mm
Mounting depth	60 mm
Mounting hole diameter	$\varnothing$ 111 mm
Dimensions	$\varnothing$ 122 mm x 66 mm
Outside diameter	$\varnothing$ 122 mm
Width	$\varnothing$ 122 mm
Depth	66 mm
Admiss. ambient temp.	0-40 °C
Weight	1.23 kg
Packing unit	1
Type of speaker	4"
Packing dimensions (W x H x L)	0.145 x 0.13 x 0.145 m
Gross weight	1.36 kg
Net weight	1.225 kg

