



## SP-6/108PRO

Order No.: 10.0340

**Price upon request**

### PRODUCTINFOS

**Compact PA bass-midrange speaker, 100 W, 8  $\Omega$**

- 16.5 cm (6.5") professional bass-midrange speaker for PA and hi-fi
- High-quality carbon fibre cone
- Excellent sound and dynamic characteristics
- Heat-resistant voice coil wound on the inside and outside
- Low frequency response and low distortion, but nevertheless of a high efficiency
- Very well-suited for combination with the dome DT-300 and the waveguide WG-300
- Ideally suited for small PA systems and PA applications in adjoining areas
- Proven to be very reliable in hi-fi, PA and monitor applications

### TECHNICAL SPECIFICATIONS

#### SP-6/108PRO

Impedance (Z)	8 $\Omega$
Frequency range	f3-4,500 Hz
Resonant frequency (fs)	44 Hz

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Power rating (RMS)	100 W
Peak music power output (MAX)	150 W
Sensitivity	92 dB/W/m
Suspension compl. (Cms)	0.97 mm/N
Moving mass (Mms)	13.14 g
Mech. Q factor (Qms)	4.28
Electr. Q factor (Qes)	0.35
Total Q factor (Qts)	0.32
Equivalent volume (Vas)	25.5 l
DC resistance (Re)	5.74 $\Omega$
Force factor (BxL)	7.46 Tm
Voice coil induct. (Le)	0.43 mH
Voice coil diameter	$\varnothing$ 30 mm
Voice coil former	Kapton
Linear excursion ( $X_{MAX}$ )	$\pm$ 3 mm
Eff. cone area (Sd)	137 cm <sup>2</sup>
Magnet weight	570 g
Magnet diameter	$\varnothing$ 100 mm
Mounting cutout	$\varnothing$ 142 mm
Mounting depth	72 mm
Dimensions	$\varnothing$ 168 mm x 78 mm
Outside diameter	$\varnothing$ 168 mm
Width	$\varnothing$ 168 mm
Depth	78 mm
Admiss. ambient temp.	0-40 °C
Weight	1.435 kg
Packing unit	1
Type of speaker	6.5"