



## SP-6/100PRO

Order No.: 10.4540

**Price upon request**

### PRODUCTINFOS

#### PA bass-midrange speaker, 100 W, 4 Ω

- 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 application in adjoining areas
- Proven to be very reliable in hi-fi, PA and monitor applications

#### HOBBY HiFi 05/2014

“A compact bass-midrange speaker of high power capability for smaller PA applications, e.g. providing a high-quality sound for bars and restaurants.”

#### HOBBY HiFi 03/2014

“For a smooth bass reproduction and a clear midrange. The SP-6/100PRO provides an impressive sound with a very clean frequency response.”

## TECHNICAL SPECIFICATIONS

### SP-6/100PRO

Impedance (Z)	4 $\Omega$
Frequency range	f3-4,500 Hz
Resonant frequency (fs)	44 Hz
Power rating (RMS)	100 W
Peak music power output (MAX)	150 W
Sensitivity	93 dB/W/m
Suspension compl. (Cms)	1.08 mm/N
Moving mass (Mms)	12.2 g
Mech. Q factor (Qms)	5.52
Electr. Q factor (Qes)	0.29
Total Q factor (Qts)	0.27
Equivalent volume (Vas)	28 l
DC resistance (Re)	3.3 $\Omega$
Force factor (BxL)	6.22 Tm
Voice coil induct. (Le)	0.4 mH
Voice coil diameter	$\varnothing$ 30 mm
Voice coil former	Kapton
Linear excursion (X <sub>MAX</sub> )	$\pm$ 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	71 mm
Dimensions	$\varnothing$ 168 mm x 77 mm
Outside diameter	$\varnothing$ 168 mm
Width	$\varnothing$ 168 mm
Depth	77 mm
Admiss. ambient temp.	0-40 °C
Weight	1.43 kg
Packing unit	1
Type of speaker	6.5"

