



## SPH-165KEP

Order No.: 0102420

Price upon request

### PRODUCTINFOS

**Hi-fi bass-midrange speaker, 60 W, 8  $\Omega$**

- High-tech speaker
- Diecast aluminium basket
- Kevlar cone
- Phase plug
- Optimum transient response
- Resonance-free
- High thermal capability
- A very linear and wide bandwidth radiation
- Excellent bass-midrange speaker with high level reserves for hi-fi applications

#### HOBBY HiFi 04/2017

“Able to be used for deep bass reproductions down to 800 Hz.”

## TECHNICAL SPECIFICATIONS

### SPH-165KEP

Impedance (Z)	8 $\Omega$
Frequency range	f3-7,000 Hz
Resonant frequency (fs)	30 Hz
Power rating (RMS)	60 W
Peak music power output (MAX)	100 W
Sensitivity	89 dB/W/m
Suspension compl. (Cms)	1.71 mm/N
Moving mass (Mms)	17 g
Mech. Q factor (Qms)	4.85
Electr. Q factor (Qes)	0.33
Total Q factor (Qts)	0.31
Equivalent volume (Vas)	38 l
DC resistance (Re)	6 $\Omega$
Force factor (BxL)	7.60 Tm
Voice coil induct. (Le)	0.7 mH
Voice coil diameter	$\varnothing$ 35.5 mm
Voice coil former	Kapton
Linear excursion ( $X_{MAX}$ )	$\pm$ 4.75 mm
Eff. cone area (Sd)	127 cm <sup>2</sup>
Magnet weight	500 g + 17 g
Magnet diameter	$\varnothing$ 100 mm
Mounting cutout	$\varnothing$ 142 mm
Mounting depth	86 mm
Mounting hole diameter	$\varnothing$ 176 mm
Hole spacing X-axis	124.5 mm
Hole spacing Y-axis	124.5 mm
Dimensions	165 x 165 x 90 mm
Outside diameter	$\varnothing$ 186 mm
Width	165 mm
Height	165 mm
Depth	90 mm
Admiss. ambient temp.	0-40 °C
Weight	1.7 kg
Packing unit	1
Type of speaker	6"

