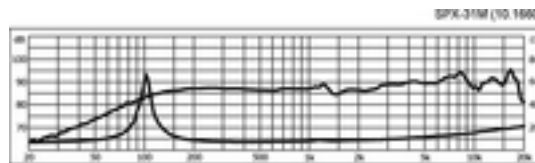
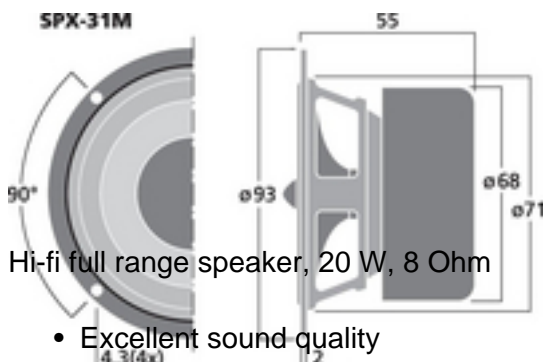


# SPX-31M - HiFi Fullrange Speaker



Hi-fi full range speaker, 20 W, 8 Ohm

- Excellent sound quality
- High-quality paper cone
- Aluminium phase plug for optimising radiation pattern
- Rear-ventilated centering spider
- Shielded magnet system
- Application in small speakers or satellite systems
- Ideally suited for application in FAST speakers (full range and subwoofer technology)

Klang+Ton 02/2016

RAPTOR-6 and SPX-31M in the K+T test with MONACOR's sound bar:

"This design provides a higher dynamic efficiency than most ready-made products available on the market."

HOBBY HiFi 06/2015

"Ideally suited as a desktop speaker system."

Very neat workmanship.”

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: f3-20,000 Hz
Resonant frequency (fs)	: 110 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: -
Power rating (RMS)	: 20 W
Peak music power output (MAX)	: 40 W
SPL	: 86 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.92 mm/N
Moving mass (Mms)	: 1.9 g
Mech. Q factor (Qms)	: 3.707
Electr. Q factor (Qes)	: 0.69
Total Q factor (Qts)	: 0.58
Equivalent volume (Vas)	: 1.3 l
DC resistance (Re)	: 6.4 Ohm
Force factor (BxL)	: 3.64 Tm
Voice coil induct. (Le)	: 0.18 mH
Voice coil diameter	: $\tilde{A}$ 20 mm
Voice coil former	: Kapton
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 1.1 mm
Eff. cone area (Sd)	: 32 cm <sup>2</sup>
Magnet weight	: 119 g
Magnet diameter	: $\tilde{A}$ 68 mm
Mounting cutout	: $\tilde{A}$ 71 mm
Mounting depth	: 53 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: $\tilde{A}$ 93 mm x 55 mm
Outside diameter	: $\tilde{A}$ 93 mm

Width	: Å~ 93 mm
Height	: -
Depth	: 55 mm
Colour	: black/silver
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 0.49 kg
Packing unit	: 1
Type of speaker	: 3"
Packing dimensions (W x H x L)	: 0.095 x 0.075 x 0.095 m
Gross weight	: 0.52 kg
Net weight	: 0.49 kg