



## MSH-115HQ4

Order No.: 0105810

### PRODUCTINFOS

#### High-quality hi-fi midrange speaker, 50 W, 4 $\Omega$

- 115 mm (4.5") midrange speaker
- Further development of the classic speaker MSH-116/4
- Specialised for reproduction of the important midrange
- Diecast basket and rear-ventilated centering spider for minimum mechanical loss
- High-quality, low-resonance paper cone
- Wide and linear radiation range
- Also ideally suited for high-end car hi-fi systems due to 4  $\Omega$  technology
- Particularly well suited for application in small satellite systems with subwoofer support

#### HOBBY HiFi 03/2017

"Impresses with neat workmanship and a full range application."

### TECHNICAL SPECIFICATIONS

**MSH-115HQ4**

Impedance (Z)	4 $\Omega$
Frequency range	fx-8,000 Hz
Resonant frequency (fs)	95 Hz
Power rating (RMS)	50 W
Peak music power output (MAX)	100 W
SPL	88 dB/W/m
Suspension compl. (Cms)	0.4 mm/N
Moving mass (Mms)	5.3 g
Mech. Q factor (Qms)	3.49
Electr. Q factor (Qes)	0.71
Total Q factor (Qts)	0.59
Equivalent volume (Vas)	1.6 l
DC resistance (Re)	3.5 $\Omega$
Force factor (BxL)	4.20 Tm
Voice coil induct. (Le)	0.25 mH
Voice coil diameter	Ø 25 mm
Voice coil former	aluminium
Linear excursion (X <sub>MAX</sub> )	± 2 mm
Eff. cone area (Sd)	55 cm <sup>2</sup>
Magnet weight	230 g
Magnet diameter	Ø 72 mm
Mounting cutout	Ø 97 mm
Mounting depth	59 mm
Mounting hole diameter	Ø 108 mm
Dimensions	Ø 116 mm x 64 mm
Outside diameter	Ø 116 mm
Width	Ø 116 mm
Depth	64 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	0.67 kg
Packing unit	1
Type of speaker	4.5"
Packing dimensions (W x H x L)	0.14 x 0.11 x 0.14 m
Gross weight	0.83 kg
Net weight	0.675 kg

