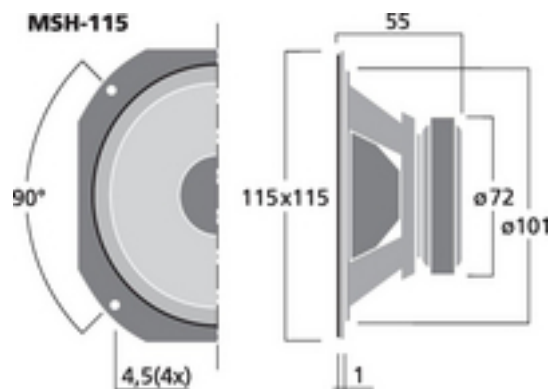
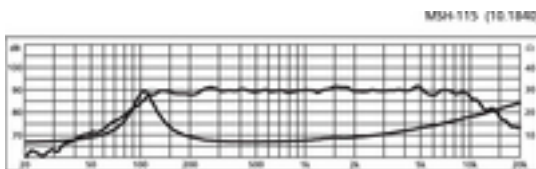


## MSH-115 - HiFi Midrange Speaker



A design which has become classic by now and materials which seem to be basic but of perfect workmanship, thus allowing for an excellent sound!

Hi-fi midrange speaker, 50 W, 8 Ohm

- High-end technology matching the SPH-... series
- Coated special cone
- Dust cap with high damping
- Extra flat basket (no need to recessed installation)
- Top linearity
- Perfect mass-drive ratio
- Wide bandwidth

- Hi-fi for highest requirements

## Technical data:

Impedance (Z)	: 8 Ohm
Transmission technology	: -
Frequency range	: fx-10,000 Hz
Resonant frequency (fs)	: 85 Hz
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: 300/5,000 Hz
Power rating (RMS)	: 50 W
Peak music power output (MAX)	: 120 W
SPL	: 89 dB/W/m
Max. rated SPL	: -
Max. voltage	: -
Radiation angle	: -
Radiation angle, horizontal	: -
Radiation angle, vertical	: -
Suspension compl. (Cms)	: 0.8 mm/N
Moving mass (Mms)	: 4.5 g
Mech. Q factor (Qms)	: 1.98
Electr. Q factor (Qes)	: 0.55
Total Q factor (Qts)	: 0.43
Equivalent volume (Vas)	: 4 l
DC resistance (Re)	: 6.3 Ohm
Force factor (BxL)	: 4.80 Tm
Voice coil induct. (Le)	: 0.3 mH
Voice coil diameter	: $\varnothing$ 25 mm
Voice coil former	: aluminium
Linear excursion (X <sub>MAX</sub> )	: $\pm$ 1.5 mm
Eff. cone area (Sd)	: 55 cm <sup>2</sup>
Magnet weight	: 230 g
Magnet diameter	: $\varnothing$ 72 mm
Mounting cutout	: $\varnothing$ 101 mm
Mounting depth	: 54 mm
Mounting hole diameter	: -
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: 115 x 115 x 55 mm
Outside diameter	: -

Width	: 115 mm
Height	: 115 mm
Depth	: 55 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 0.56 kg
Packing unit	: 1
Type of speaker	: 4"
Packing dimensions (W x H x L)	: 0.125 x 0.065 x 0.145 m
Gross weight	: 0.605 kg
Net weight	: 0.56 kg
Low-impedance	: 1