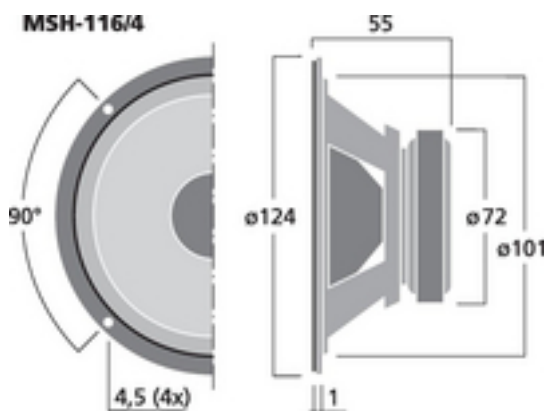
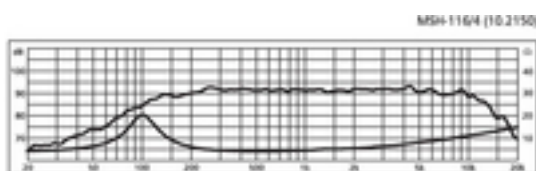


## MSH-116/4 - HiFi Midrange Speaker



Hi-fi midrange speaker, 40 W, 4 Ohm

- High-end technology
- Coated special cone
- Dust cap with high damping
- Extra flat basket (no need for recessed installation)
- Best possible linearity
- Perfect mass-drive ratio with a wide bandwidth
- For a sound of the extra class



HOBBY HiFi 03/2015

"The MSH-116/4 impresses with a perfect sound, a surprisingly wide bandwidth and a high efficiency - a really great midrange speaker."

## Technical data:

|   |                                     |
|---|-------------------------------------|
| Impedance (Z)                             | : 4 Ohm                             |
| Transmission technology                   | : -                                 |
| Frequency range                           | : fx-10,000 Hz                      |
| Resonant frequency (fs)                   | : 95 Hz                             |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : 300/5,000 Hz                      |
| Power rating (RMS)                        | : 40 W                              |
| Peak music power output (MAX)             | : 120 W                             |
| SPL                                       | : 91 dB/W/m                         |
| Max. rated SPL                            | : -                                 |
| Max. voltage                              | : -                                 |
| Radiation angle                           | : -                                 |
| Radiation angle, horizontal               | : -                                 |
| Radiation angle, vertical                 | : -                                 |
| Suspension compl. (Cms)                   | : 0.62 mm/N                         |
| Moving mass (Mms)                         | : 4.6 g                             |
| Mech. Q factor (Qms)                      | : 2.38                              |
| Electr. Q factor (Qes)                    | : 0.48                              |
| Total Q factor (Qts)                      | : 0.40                              |
| Equivalent volume (Vas)                   | : 2.7 l                             |
| DC resistance (Re)                        | : 3.2 Ohm                           |
| Force factor (BxL)                        | : 4.30 Tm                           |
| Voice coil induct. (Le)                   | : 0.18 mH                           |
| Voice coil diameter                       | : $\tilde{\text{A}}$ 25 mm          |
| Voice coil former                         | : aluminium                         |
| Linear excursion (X <sub>MAX</sub> )      | : $\pm$ 1 mm                        |
| Eff. cone area (Sd)                       | : 55 cm <sup>2</sup>                |
| Magnet weight                             | : 240 g                             |
| Magnet diameter                           | : $\tilde{\text{A}}$ 72 mm          |
| Mounting cutout                           | : $\tilde{\text{A}}$ 101 mm         |
| Mounting depth                            | : 54 mm                             |
| Mounting hole diameter                    | : $\tilde{\text{A}}$ 112 mm         |
| Hole spacing X-axis                       | : 79 mm                             |
| Hole spacing Y-axis                       | : 79 mm                             |
| Dimensions                                | : $\tilde{\text{A}}$ 124 mm x 55 mm |
| Outside diameter                          | : $\tilde{\text{A}}$ 124 mm         |

|                                |                        |
|--------------------------------|------------------------|
| Width                          | : Å~ 124 mm            |
| Height                         | : -                    |
| 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) | : 0.13 x 0.09 x 0.13 m |
| Gross weight                   | : 0.66 kg              |
| Net weight                     | : 0.56 kg              |
| Low-impedance                  | : 1                    |