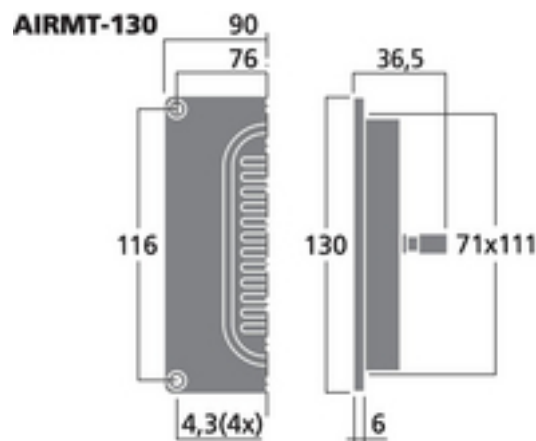
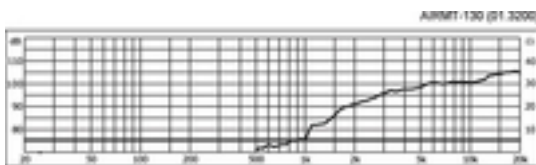
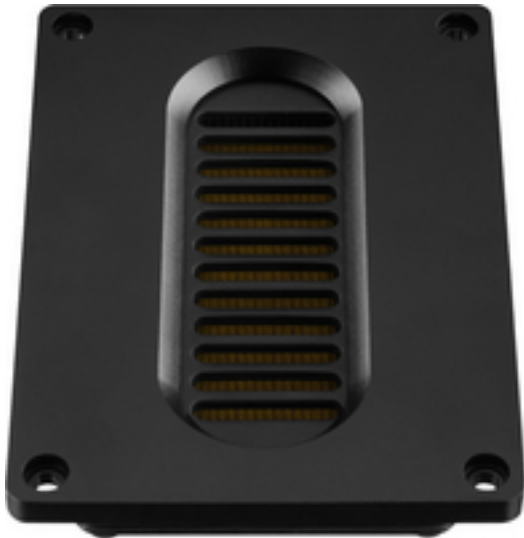


AIRMT-130 - HiFi Ribbon Tweeter

120
W_{MAX}



Air Motion Transformers

are a special type of tweeter systems which have been developed by the German physicist Oskar Heil during his research on the characteristics of the human ear. The main feature is a film-covered cone with a special folding which vibrates like an accordion when an audio signal is applied. This folding allows to accommodate a large cone area at a minimum of space. The AMTs feature a dynamic sound, an excellent transient response, a high efficiency and a low harmonic distortion.

There are 2 STL files available for the AIRMT-130 for 3D printed waveguides.

High-end Air Motion Transformer tweeter, 60 W, 8 Ohm

- Tweeter based on the principle of Air Motion Transformer



- High-performance neodymium magnet system
- Fine, dynamic and brilliant reproduction of the high frequencies
- Folded cone made of Kapton and aluminium
- High power capability and high efficiency
- For use from 3,000 Hz on
- Robust aluminium front panel

Klang+Ton 08,09/2016

“AMT of high efficiency for experienced developers.”

Technical data:

| | |
|---|--------------------|
| Impedance (Z) | : 8 Ohm |
| Transmission technology | : - |
| Frequency range | : 2,500-30,000 Hz |
| Resonant frequency (fs) | : - |
| Rec. crossov. frequ. (fmax.) (12 dB/oct.) | : ? 3,000 Hz |
| Power rating (RMS) | : 60 W |
| Peak music power output (MAX) | : 120 W |
| SPL | : 98 dB/W/m |
| Max. rated SPL | : - |
| Max. voltage | : - |
| Radiation angle | : - |
| Radiation angle, horizontal | : - |
| Radiation angle, vertical | : - |
| Suspension compl. (Cms) | : - |
| Moving mass (Mms) | : - |
| Mech. Q factor (Qms) | : - |
| Electr. Q factor (Qes) | : - |
| Total Q factor (Qts) | : - |
| Equivalent volume (Vas) | : - |
| DC resistance (Re) | : 5.2 Ohm |
| Force factor (BxL) | : - |
| Voice coil induct. (Le) | : - |
| Voice coil diameter | : - |
| Voice coil former | : - |
| Linear excursion (X _{MAX}) | : - |
| Eff. cone area (Sd) | : - |
| Magnet weight | : - |
| Magnet diameter | : neodymium rods |
| Mounting cutout | : 71 x 111 mm |
| Mounting depth | : 40 mm |
| Mounting hole diameter | : - |
| Hole spacing X-axis | : 76 mm |
| Hole spacing Y-axis | : 116 mm |
| Dimensions | : 90 x 130 x 43 mm |
| Outside diameter | : not applicable |



| | |
|--------------------------------|--------------------------|
| Width | : 90 mm |
| Height | : 130 mm |
| Depth | : 43 mm |
| Colour | : black |
| Protective class | : - |
| Admiss. ambient temp. | : 0-40 °C |
| Weight | : 0.585 kg |
| Packing unit | : 1 |
| Type of speaker | : AMT |
| Packing dimensions (W x H x L) | : 0.105 x 0.05 x 0.155 m |
| Gross weight | : 0.635 kg |
| Net weight | : 0.585 kg |
| Low-impedance | : 1 |