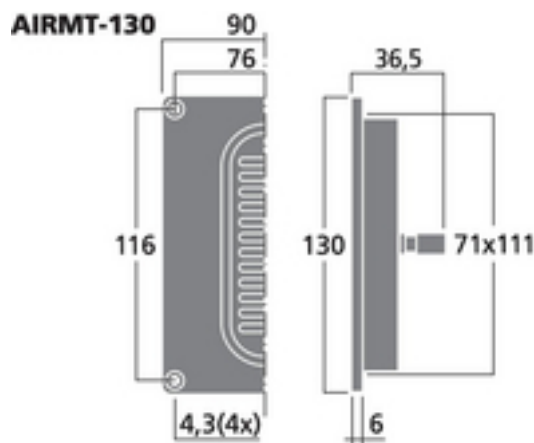
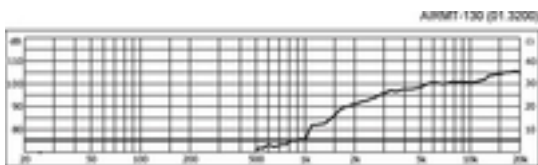
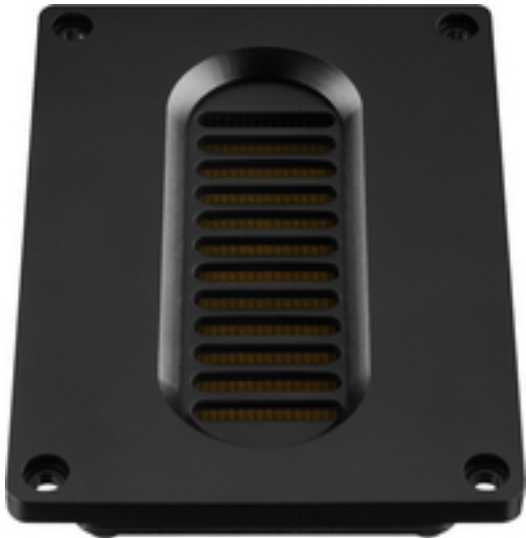


AIRMT-130 - HiFi Ribbon Tweeter

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