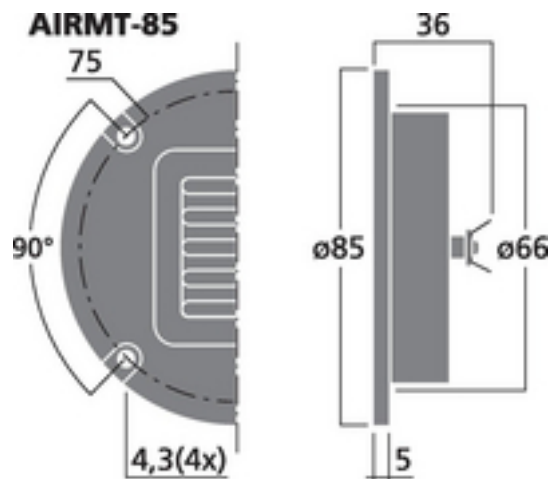
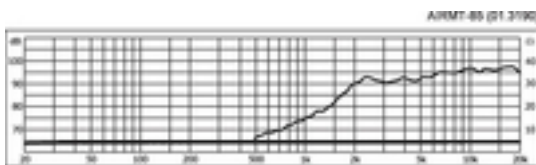
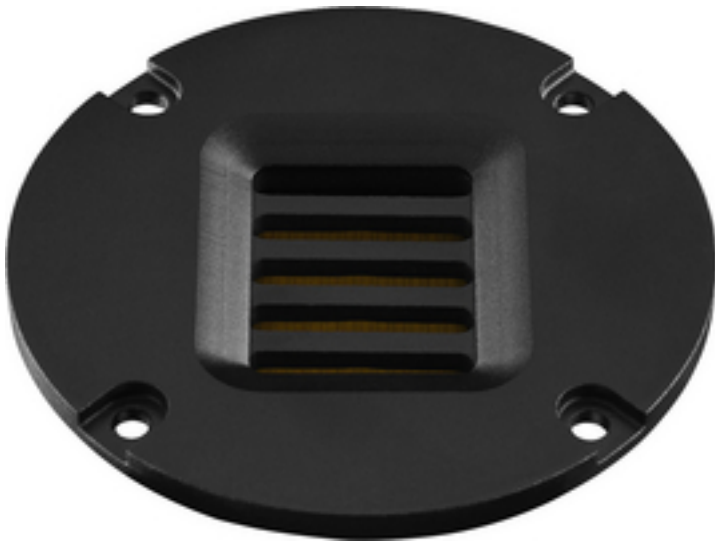


AIRMT-85 - HiFi Ribbon Tweeter

40
W_{RMS}



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, 20 W, 4 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 efficiency
- For use from 2,500 Hz on
- Robust aluminium front panel

Klang+Ton 08,09/2016

“Compact AMT with quite a low crossover frequency possible for two-way speaker systems and multi-way speaker systems of highest quality.”

Technical data:

Impedance (Z)	: 4 Ohm
Transmission technology	: -
Frequency range	: 2,000-30,000 Hz
Resonant frequency (fs)	: -
Rec. crossov. frequ. (fmax.) (12 dB/oct.)	: ? 2,500 Hz
Power rating (RMS)	: 20 W
Peak music power output (MAX)	: 40 W
SPL	: 92 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)	: 3.8 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	: Å~ 66 mm
Mounting depth	: 36 mm
Mounting hole diameter	: Å~ 75 mm
Hole spacing X-axis	: -
Hole spacing Y-axis	: -
Dimensions	: Å~Å 85Å mm x 36 mm
Outside diameter	: Å~ 85 mm

Width	: Å~ 85 mm
Height	: -
Depth	: 36 mm
Colour	: black
Protective class	: -
Admiss. ambient temp.	: 0-40 °C
Weight	: 0.3 kg
Packing unit	: 1
Type of speaker	: -
Packing dimensions (W x H x L)	: 0.14 x 0.055 x 0.105 m
Gross weight	: 0.35 kg
Net weight	: 0.3 kg
Low-impedance	: 1