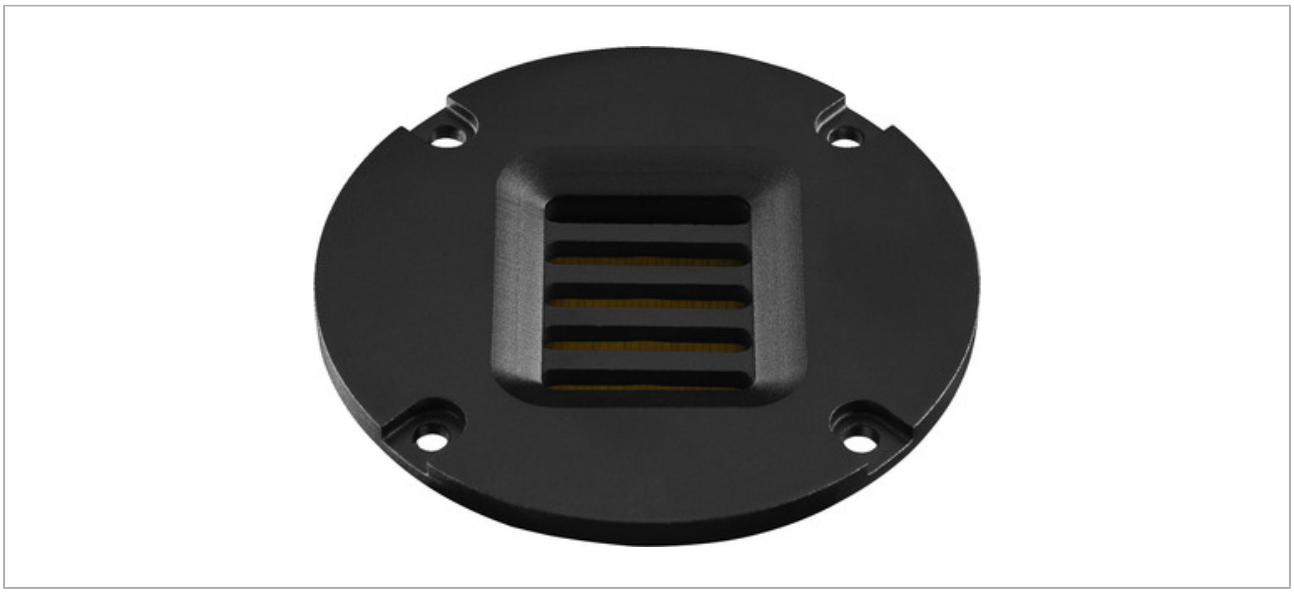


40W

AIRMT-85

Order no.: 0013190

PRODUCT INFORMATION

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 Ω

- 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.”

Manufacturer information:
MONACOR INTERNATIONAL GmbH & Co. KG
Konsul-Smidt-Str. 68
28217 Bremen
Germany
info@monacor.com

SPECIFICATIONS

AIRMT-85	
Impedance (Z)	4 Ω
Transmission technology	cable
Frequency range	2,000-30,000 Hz
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
DC resistance (Re)	3.8 Ω
Magnet diameter	neodymium rods
Mounting cutout	Ø 66 mm
Mounting depth	36 mm
Mounting hole diameter	Ø 75 mm
Dimensions	Ø 85 mm x 36 mm
Outside diameter	Ø 85 mm
Width	Ø 85 mm
Height	Ø 85 mm
Depth	36 mm
Colour	black
Admiss. ambient temp.	0-40 °C
Weight	0.3 kg
Packing unit	1
Type of speaker	AMT
Packaging 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

AIRMT-85

EAN code	4007754250251
Net weight	0.3 kg