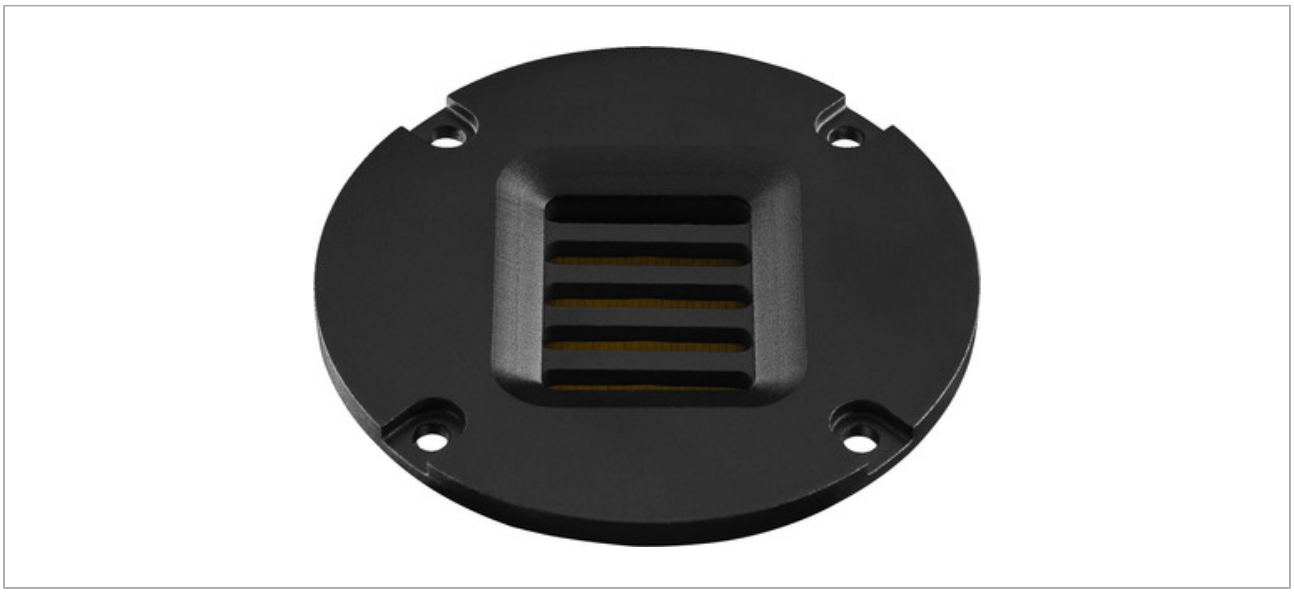


40W

# 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 |