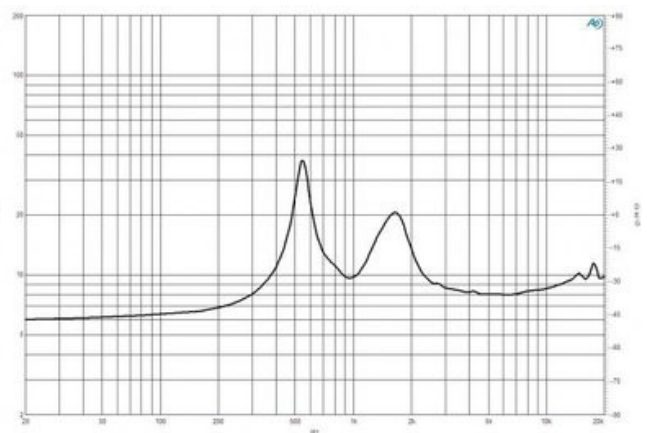
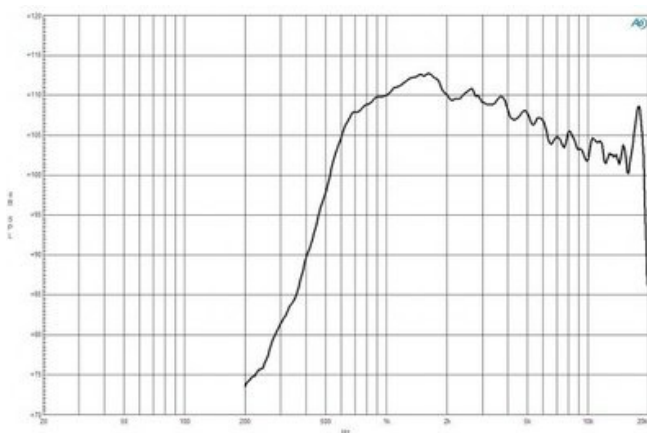


# DE880TN

HF Drivers - 1.4 Inches



- 220 W continuous program power capacity
- 1.4" horn throat diameter
- 75 mm (3 in) aluminium voice coil
- Titanium diaphragm
- 500 - 18000 Hz response
- 108 dB sensitivity
- Neodymium magnet assembly with shorting copper cap
- The DE880TN is the latest version of our premium 75mm (3.0 in) voice coil, neodymium high frequency driver. The diaphragm in this model has been completely redesigned to incorporate a bent edge voice coil former, new dome and surround geometry and an optimized phase plug. These modifications combine to better control diaphragm displacement and deformations, resulting in lower distortion and a smoother higher frequency response above 10kHz.



# DE880TN

HF Drivers- 1.4 Inches

## SPECIFICATIONS

|  |                |
|--|----------------|
| Throat diameter                        | 36 mm (1.4 in) |
| Nominal impedance                      | 8 $\Omega$     |
| Minimum impedance                      | 8.1 $\Omega$   |
| Nominal power handling <sup>1</sup>    | 110 W          |
| Continuous power handling <sup>2</sup> | 220 W          |
| Sensitivity (1W/1m) <sup>3</sup>       | 108.0 dB       |
| Frequency range                        | 1 - 18 kHz     |
| Recommended crossover <sup>4</sup>     | 1.2 kHz        |
| Voice coil diameter                    | 75 mm (3.0 in) |
| Winding material                       | Aluminium      |
| Inductance                             | 0.1 mH         |
| Diaphragm material                     | Titanium       |
| Flux density                           | 1.85 T         |
| Magnet material                        | Neodymium Ring |

## MOUNTING AND SHIPPING INFO

|   |                                  |
|---|----------------------------------|
| Four M6 holes 90° on 102 mm (4 in) diameter |                                  |
| Overall diameter                            | 124 mm (4.9 in)                  |
| Depth                                       | 54 mm (2.13 in)                  |
| Net weight                                  | 2.1 kg (4.6 lb)                  |
| Shipping units                              | 4                                |
| Shipping weight                             | 9.0 kg (19.8 lb)                 |
| Shipping box                                | 300x160x180 mm (11.8x6.3x7.1 in) |

## REPLACEMENT DIAPHRAGM

MMD3DTN8M

1. 2 hour test made with continuous pink noise signal (6 dB crest factor) within the range from the recommended crossover frequency to 20 kHz. Power calculated on rated minimum impedance.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. 12 dB/oct. or higher slope high-pass filter.

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