DRIVER
ND1710-MT3

Professional High Frequency Transducer

The ND1710-MT3 is a high performance 1.75-inch diaphragm compression driver with a 1.0 inch exit throat featuring several state of the art technologies. The diaphragm is precision formed from .05 mm thick pure titanium. The suspension is based on a vented Mylar design. Compact 2-way systems, multiple-way medium throw systems, compact and medium size high quality line arrays. Ideal for use within critical listening applications such as studio monitoring subwoofer systems. Very good linearity in combination with RCF HF94, HF64, HF101 horns.

PART NUMBER **15120017**

Features

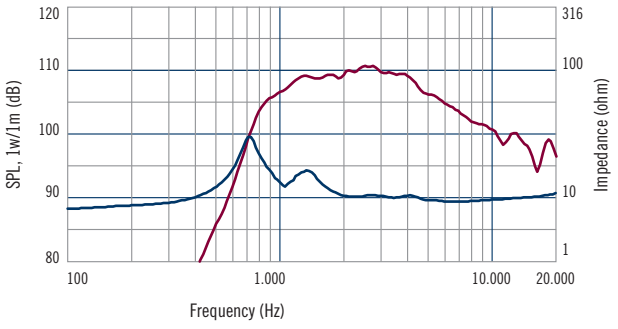
- 1.75-inch Diaphragm, 1.0-inch Exit Throat/ Pure Titanium Compression Driver
- 80 watt Continuous program power handling
- Frequency range: 1000Hz - 20kHz
- 3-slot, optimized geometry phase plug
- Aluminum rear cover featuring an advanced vented fin heat dissipation design
- Copper inductance ring for extended response
- Vented, damped, low distortion suspension system

General Specifications

Exit Throat Diameter	25.4/1	mm/inch
Rated Impedance	8	ohm
Power handling capacity[1]		
continuous program above 1.2 kHz	80	Watt
AES above 1.5 kHz	40	Watt
Sensitivity 1 W, 1 M, on axis, on horn[2]	109	dB
Frequency Range	1000 - 20000	Hz
Diaphragm Material	Pure Titanium	
Suspension Material	Mylar	
Suspension Design	Radial	
Minimum Impedance	9.0 ohm at 6500 Hz	
Voice Coil Diameter	44.4/1.75	mm/inch
Voice Coil Material	Edgewound Aluminium	
Voice Coil Former Design	Straight -Nomex	
Number of layers	1 - Outside	
BL Factor	8.1	T · m
Flux Density	2	T
Phase Plug Design	3 slot	
Phase Plug Material	Composite	
Magnetics	Neodymium	
Voice Coil Demodulation	Copper ring	

Mounting Information

Overall Diameter	102/4.0	mm/inch
Overall Height	60/2.4	mm/inch
Mounting		
4 x 6 mm threaded holes at 90 deg.	76.2/3.0	mm/inch
Net Weight	1.3/2.9	kg/Lbs
Shipping Weight	1.5/3.3	kg/Lbs



Frequency response and electrical impedance curve of the compression driver mounted on H100 horn with input signal of 2.83 Volt.