

Key Features:

- Pure titanium dome provides extended high frequency response
- Lightweight aluminum voice coil for maximum efficiency
- Unique convex-drive phase plug
- 1-3/8" screw on connection
- Available in 8 and 16 ohms



General Description:

The Electro-Voice DH2T high frequency compression driver is capable of high acoustic output over a wide frequency range. Precise engineering, along with careful selection of materials and advanced driver architecture, has resulted in a driver that is ideally suited for the most demanding presentation of high quality music and communications program.

Incorporating Electro-Voice's exclusive Ring Mode Decoupling (RMD) through all design phases has produced drivers with unmatched accuracy while minimizing any acoustic resonances, or time domain ringing throughout the driver structure.

Years of dedicated research and experience in the field have yielded a new high performance solution for use in both two and three-way systems, as well as demanding stand alone horn applications

A unique, geometrically optimized 2" titanium diaphragm, consisting of a one piece dome and suspension structure, gives these drivers an ideal combination of superb high frequency response and resistance to fatigue. The DH2T provides smooth response from 800-20,000 Hz.

Technical Specifications:

	DH2T-8	DH2T-16
Nominal Impedance:	8 ohms	16 ohms
Minimum Impedance:	6 ohms @ 7 kHz	12 ohms
DC Resistance:	4.5 ohms	11 ohms
Frequency Response:	800-20,000 Hz	
Power Capacity ¹ :	40 Watts, 80 Watts Cont. Prog.	
Recommended Crossover:	800 Hz or Higher	
Nominal Efficiency:	25%	
Sound Pressure Level ² : (1 Watt @ 1 Meter)	114 dB, HP420 Horn 112 dB, HP640 Horn 110 dB, HP940 Horn	
Throat Diameter:	1" (25mm)	
Voice Coil Diameter:	2" (50 mm)	
Voice Coil Wire:	Pure Aluminum Wire	
Diaphragm Construction:	0.03 mm Pure Titanium Dome and Surround	
Electrical Connection:	One 0.2" (+ Terminal) and one 0.25" (- Terminal) Fast-on Connectors	
Polarity:	Positive Voltage to Positive Terminal Produces a Positive Acoustic Pressure	
Flux Density:	1.6 Tesla	
Net Weight (each):	5.5 lbs (2.5 kg)	
Shipping Weight:	6.5 lbs (3.0 kg)	

¹Power capacity per AES standard. Continuous pink noise, 800 - 8000 Hz with a 6 dB crest factor, 24 hours.
²Sound Pressure measured on axis in the far field with 1 Watt input of band-limited pink noise from 800 - 3000 Hz and calculated to 1 Meter equivalent by inverse square law.

Electro Voice Dh2012 User Guide

Ian Peate



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