



HIGH FREQUENCY DRIVERS



FANE High Frequency Drivers

Our range of high frequency drivers are designed to encourage fully **FANE**-equipped cabinets. All CD compression units feature an ultra lightweight titanium diaphragm, driven at its circumference by an equally lightweight aluminium voice coil. Each motor system has a copper shorting ring surrounding the pole piece which effectively reduces eddy-current-induced distortions with the added benefit of increasing the very high-frequency output by reducing the inductive rise of the voice coil.

Our new series of FPT super-tweeters possess extraordinary sensitivity and, by fluid cooling the voice coil, increased power-handling over comparable conventional tweeter units with outstanding long-term reliability to provide the perfect solution in numerous audio applications.

FANE

FPT 50



APPLICATION NOTES:

Designed for use with the FPT150 and FPT80 Supertweeters.

Use with APT3 adaptor for 1 3/8" NEF ext.

ELECTRO ACOUSTIC SPECIFICATIONS

Sound Channel / Throat Size	1" / 25.4 mm
Nominal Impedance	8 Ω
Power Handling (Watts AES)	45 W / 85 Wrms
Average Sensitivity 1W / 1m	105 dB
Usable Frequency Range (kHz)	3.5 Hz - 20 kHz
Recommended Crossover Frequency	3.5 kHz
Filtered at 18dB / octave	
Effective Diaphragm Diameter	N/A
Voice Coil Diameter	1" / 25.4 mm
Voice Coil DC Resistance	N/A
Max Diaphragm Displacement	N/A
Flux Density	N/A
Magnet Weight	7.75 oz / 0.22 kg

MOUNTING / SHIPPING INFORMATION

Overall Diameter	2.75" / 70 mm	Shipping Weight	N/A
Depth	1.57" / 40 mm	Packing Carton Dimensions	N/A
Weight	1.5 lb / 0.68 kg	Bolt Fixing Hole Dimensions and Qty	N/A

MATERIALS OF CONSTRUCTION

Coil Former	N/A
Voice Coil Material	N/A
Diaphragm Material	Phenolic
Surround / Edge Termination	N/A
Magnet Material	Ferrite
Connectors	N/A
Polarity	A negative voltage at the red terminal causes a positive pressure at the output of the device