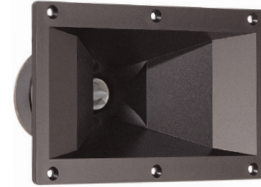


# APT SERIES SUPERTWEETERS

The APT:80S, 150S, and 200S horn flares are available separately for use with any 1" exit driver with 1 3/8" ext. thread.

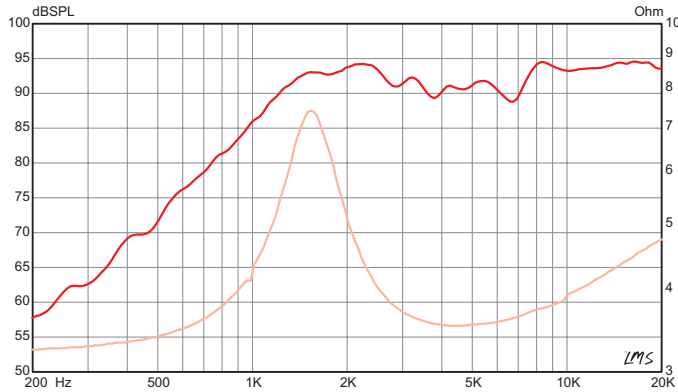


	<b>SD28</b>	<b>APT:30</b>	<b>APT:80</b>	<b>APT:150</b>	<b>APT:200</b>
<b>Description</b>	Soft dome tweeter	Horn loaded tweeter	APT:50 Driver with APT:80S Horn	APT:50 Driver with APT:150S Horn	APT:50 Driver with APT:200S Horn
<b>Horn Type</b>	N/A	Conical	Conical	Constant Directivity	Bi-Radial
<b>Throat Size</b>	N/A	1.0", 25.4 mm	1.0", 25.4 mm	1.0", 25.4 mm	1.0", 25.4 mm
<b>Dispersion</b>	60°	80° Conical	80° Conical	100 x 50	90 x 90
<b>Power Rating</b>	10 W (AES) 20 W (EIA-426B)	10 W (AES)	35 W (AES)	35 W (AES)	35 W (AES)
<b>Nominal Impedance</b>	4 Ω	8 Ω	8 Ω	8 Ω	8 Ω
<b>Minimum Impedance</b>	3.5 Ω @ 4.4 kHz	7.5 Ω @ 5 kHz	7.3 Ω @ 6 kHz	7.7 Ω @ 6 kHz	7.3 Ω @ 6.1 kHz
<b>Sensitivity</b>	92.5 dB	93.4 dB (116.5 max )	102.3 dB	102.4 dB	103 dB
<b>Resonance</b>	1.5 kHz	2.2 kHz	1.5 kHz	2.7 kHz	2.6 kHz
<b>Usable Frequency Range</b>	1.5 kHz – 20 kHz	3.5 kHz – 20 kHz	3.5 kHz – 20 kHz	3.5 kHz – 20 kHz	3.5 kHz – 20 kHz
<b>Recommended Crossover</b>	1.5 kHz / 12 dB	3.5 kHz / 12 dB	3.5 kHz / 12 dB	3.5 kHz / 12 dB	3.5 kHz / 12 dB
<b>Voice Coil Diameter</b>	1.0", 25.4 mm	0.5", 12.7 mm	1.0", 25.4 mm	1.0", 25.4 mm	1.0", 25.4 mm
<b>Voice Coil Former</b>	Aluminum	Aluminum	Kapton	Kapton	Kapton
<b>Diaphragm Material</b>	Silk	Mylar	Phenolic	Phenolic	Phenolic
<b>Magnet Composition</b>	Neodymium	Ferrite	Ferrite	Ferrite	Ferrite
<b>Width/Height/Depth</b>	1.0" height, 1.48" width 25.4 x 37.6 mm	2.61 x 2.61 x 1.78 in., 66.2 x 66.2 x 45.2 mm	3.40 x 3.40 x 3.70 in., 86.4 x 86.4 x 94.0 mm	7.60 x 4.50 x 5.10 in., 193.0 x 114.3 x 129.5 mm	5.90 x 6.00 x 6.30 in., 149.9 x 152.4 x 160.0 mm
<b>Cut-out</b>	Rear mounting hole diameter 1 x M4 x 0.7	2.31 x 2.31 in., 59 x 59 mm	3.15 x 3.15 in., 80 x 80 mm	6.7 x 3.4 in., 170 x 86 mm	4.3 x 4.3 in., 109 x 109 mm
<b>Weight</b>	0.1 lbs., 0.05 kg	0.4 lb., 0.18 kg	1.80 lb., 0.82 kg	1.90 lb., 0.86 kg	2.50 lb., 1.13 kg
<b>Horn Material</b>	N/A	ABS	ABS	ABS	ABS

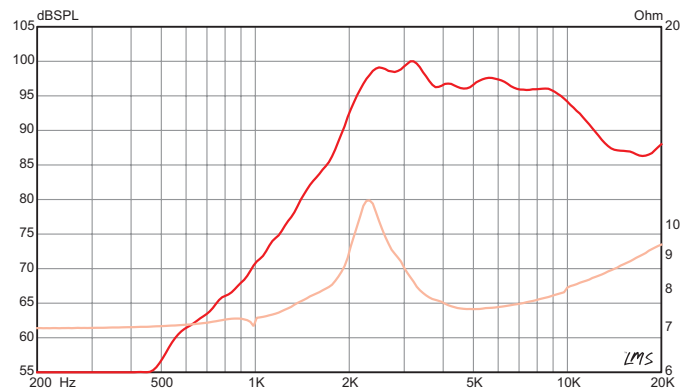
# APT SERIES SUPERTWEETERS

Frequency Response and Impedance curves\*

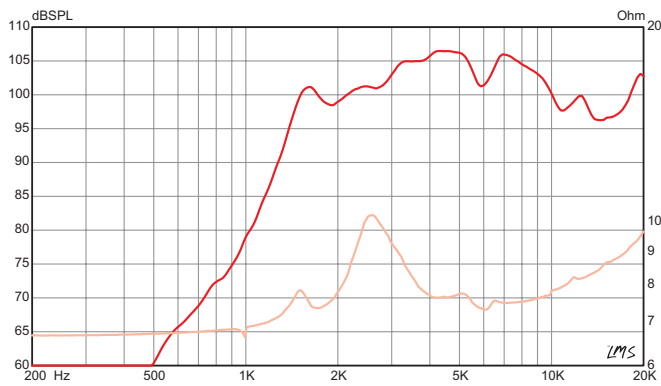
## SD28



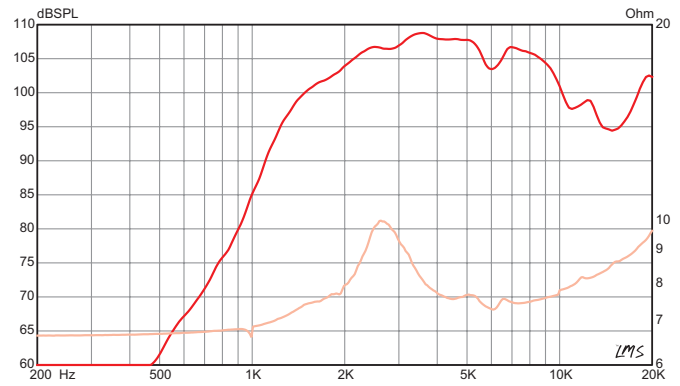
## APT:30



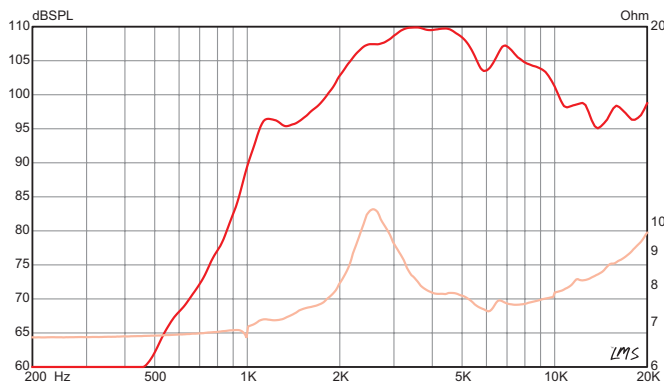
## APT:80



## APT:150



## APT:200



\* Multiple units exceed published ratings evaluated under EIA 426A specification while tested in a free-air, non-temperature-controlled environment. Multiple compression drivers exceeded published ratings evaluated under EIA-426A or AES specification while mounted on Eminence's H290, H290S, or H2EA horn in a non-temperature-controlled environment.

The average output across the usable frequency range when applying 1W/1m into the nominal impedance. i.e: 2.83V/8Ω, 4V/16Ω. Eminence response curves are measured under the following conditions: All speakers are tested at 1W/1m using a variety of test set-ups for the appropriate impedance | LMS using 0.25" supplied microphone (software calibrated) mounted 1m from wall/baffle | 2 ft. x 2 ft. baffle is built into the wall with the speaker mounted flush against a steel ring for minimum diffraction | Yamaha P3500S amplifier | 2700 cu. ft. chamber with fiberglass on all six surfaces (three with custom-made wedges). Compression drivers were tested using a 2ft x 2ft baffle built into the wall with horn front mounted.

Prices, specifications and product cosmetics are subject to change without notice.