

USD Audio Millennium Subwoofer Features:



Audio

- Available in **single 4 ohm, dual 4 ohm, or dual 6 ohm** voice coils.
- **1000 watts Max and 500 watts RMS** power handling.
- Built with **rugged cast aluminum frame** for dimensional stability and to eliminate stray magnetic fields for improved magnetic focus.



- Heavy duty 5-way **gold plated** binding posts that accepts 8 gauge wire.
- **High excursion 4-layer** treated foam surround.
- Heavy **carbon fiber** impregnated non-pressed **Kraft pulp paper cone**.
- Superior 7" high excursion "**Flat**" **poly/cotton spider**.
- **4-layer-2"** voice coil featuring heavy copper wire wound on a heavy **black anodized** aluminum former.
- **Extreme motor structure** design utilizing double stacked magnets and deep bumped backplate for higher excursion limits.



- Magnets are **156mm OD x 60mm ID x 20mm each**. These **full size magnets** yield much higher motor force than most other brands of subwoofers.



- **Flared rear vented pole piece** for lower back pressure and better air flow to improve power handling and lower vent noise.

- **Extended pole piece** for uniform magnetic fringe field flux as well as improved linearity and more efficient heat sinking of the voice coil in both directions if movement.
- **Low carbon steel** top plates & one piece backplate/pole pieces, yield better magnetic flux flow and are optimized using **CAD and Finite Element Analysis** for maximum performance and sound quality.

- One piece **rubber wrap around gasket** for clean appearance and excellent acoustic seal to the enclosure.
- **Rigid polypropylene dust cap** that adds strength to the cone allowing it to provide more true pistonic motion with less distortion.

Y-215 Subwoofer Specs:

Model	Y-215/4	Y-215/4d	Y-215/6d
Size	15"	15"	15"
Fs Hz	25.8	25.6	25.7
Sd cm2	810	810	810
Qts	0.34	0.36	0.39
Qes	0.36	0.40	0.49
Qms	3.95	4.01	3.79
Vas liters	257.19	257.19	257.19
Re Ohms	3.2	6.4 / 1.6	8.8 / 2.2
Watts/Max	500/1000	500/1000	500/1000
SPL	92.3 dB	92.3 dB	92.3 dB



Y-210 Subwoofer Specs:

Model	Y-210/4	Y-210/4d	Y-210/6d
Size	10"	10"	10"
Fs Hz	32.1	34.6	33.9
Sd cm2	310	310	310
Qts	0.37	0.42	0.50
Qes	0.39	0.46	0.55
Qms	5.84	5.72	5.94
Vas liters	27.9	27.8	27.9
Re Ohms	3.2	6.4 / 1.6	8.8 / 2.2
Watts / Max	500/1000	500/1000	500/1000
SPL	87.4 dB	87.5 dB	87.4 dB

Y-212 Subwoofer Specs:

Model	Y-212/4	Y-212/4d	Y-212/6d
Size	12"	12"	12"
Fs Hz	30	31.8	31.5
Sd cm2	487	487	487
Qts	0.40	0.54	0.45
Qes	0.42	0.59	0.49
Qms	6.05	6.15	5.99
Vas liters	59.8	60.2	60.1
Re Ohms	3.2	6.4 / 1.6	8.8 / 2.2
Watts/Max	500/1000	500/1000	500/1000
SPL	89.9 dB	89.9 dB	89.9 dB