



## SPECIFICATIONS

### MAD S2-104

Component	Subwoofer
Size	10" (250mm)
Nominal Impedance	4 Ohm
Power RMS	300W
Power MAX	600W
Freq. response	25-200Hz
Voice Coil	2" (51mm) PCW
Cone	IMPP
Dustcap	3D IMPP
Basket	M Steel
Magnet	HQ Ferrite
Suspension	USG™ Rubber

### MAD S2-124

Component	Subwoofer
Size	12" (300mm)
Nominal Impedance	4 Ohm
Power RMS	350W
Power MAX	700W
Freq. response	20-200Hz
Voice Coil	2" (51mm) PCW
Cone	IMPP
Dustcap	3D IMPP
Basket	M Steel
Magnet	HQ Ferrite
Suspension	USG™ Rubber

# MAD S2-104 & S2-124

## THUNDER-SHAKING CONE

We wanted to make the MAD S2 series really LOUD, and that demands a tough cone. The cone on the S2 series is made by injection molded polypropylene that withstands the toughest resonance and membrane break-up - even at really high SPL levels. Provide it with raw power and you will be awarded!

## USG™ CONSTRUCTION

Next we turned our attention to the build around the cone where we developed a USG™ (Unity Surround & Gasket) construction. Normally the gasket and surround are divided into two separate parts. We combined these to optimize the linear movement and the cone displacement area to give you the extra edge in accuracy and provide an awesome musical performance.

## DVS™ VENTILATION SYSTEM

If you like it LOUD, proper cooling is key. We implemented the subwoofer with a DVS™ (Dual Ventilation System) for reduced distortion and increased heat dissipation. Proper cooling means reduced heat, and reduced heat gives you the option to add more subwoofers and get an even bigger sound!

## ENCLOSURE OPTIMIZED

MAD S2 series is both loud and impressive. We created a subwoofer with multi-talented Thiele/Small parameters that ensures great performance in both sealed, vented and band pass enclosures. Fit the enclosure with polyfill to lessen the BOOM and bring out the BASS!

## FIERCE DESIGN AND PCW VOICE COIL

To match its awesome sound, the subwoofer got an industrial and rugged MAD shaped steel basket that endures the toughest conditions. The 51mm voice coil is made of PCW (Pure Copper Wire) and the dust cap is, like the cone, made of IMPP for a unique 3D design that will make your friends jealous and keep the haters away! Walk tall and cruise with pride!

## THIELE/SMALL PARAMETERS

	S2-104	S2-124
Impedance	4 Ohm	4 Ohm
Re	3.2 Ohm	3.2 Ohm
Fs	30Hz	28Hz
Qms	4.21	4.46
Qes	0.49	0.56
Qts	0.44	0.48
Vas	46.7 L	95.4 L

	S2-104	S2-124
Cms	0,30mm/N	0,29mm/N
Mms	98.9g	127.9
Le	1.069mH	1.103mH
Xmax	17mm	17mm
dB/SPL	86dB 1W/1M	87dB 1W/1M
BI	11.4	10.5
Driver Vol. Displacement	1.2 L	2.2 L

## IMPEDANCE VS FREQUENCY

