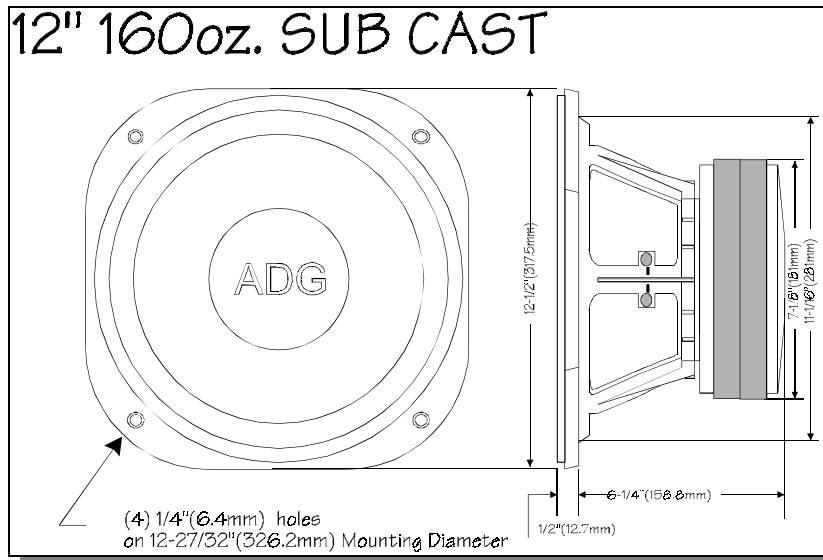


# Acoustic Design Group, Inc.

## PRO12x / PRO12x-4 Series Subwoofers

- 400 W RMS CONTINUOUS POWER, 800 WATTS PEAK POWER
- 3" VOICE COIL - 8 MIL ANODIZED ALUMINUM FORMER FOR HEAT DISSIPATION AND POWER HANDLING
- 160 oz. MAGNET FOR MAXIMUM MAGNETIC FLUX
- VENTED POLE PIECE FOR BETTER VOICE COIL COOLING AND HIGHER POWER HANDLING.
- CONE MATERIAL IS EXCEPTIONALLY STIFF FOR MASSIVE POWER HANDLING CAPACITY, DYNAMICS AND TRANSIENT RESPONSE... HEAVY, HIGHLY COMPLIANT RUBBER SURROUND
- 3 YEAR WARRANTY... FROM MANUFACTURERS DEFECTS

## 12" 160oz. SUB CAST



Technical Data	PRO12X	PRO12X-4
Nominal Diameter (in./mm)	12 / 305	12 / 305
Magnet Weight (Oz./g.)	160 / 4544	160 / 4544
Frequency Range (Hz.)	30 - 500	35 - 500
Nominal Impedance (Ohms)	8	4
DC Resistance ( $R_E$ )(Ohms)	6.3	3.1
Inductance (mH @ 1000Hz)		
Resonance Frequency ( $f_e$ )(Hz.)	25	32
Mechanical Q Factor ( $Q_{MS}$ )	2.22	1.969
Electrical Q Factor ( $Q_{ES}$ )	0.169	0.260
Total Q Factor ( $Q_{TS}$ )	0.1574	0.229
Effective ( $S_D$ )(Sq in.)(Sq M)	82.2 / 0.053	82.2 / 0.053
Cone Area		
Equivalent ( $V_{AS}$ )(cu ft)(Litre)	5.25 / 98.12	3.56 / 100.62
Air Volume		
Compliance ( $C_{MS}$ )(uM-N)	245.98	253.24
Moving Mass ( $M_{MS}$ )(g)	164.68	160.2
Voice Coil Diameter(in./mm)	3 / 76 4-Layer	3 / 76 3-Layer
Voice Coil Winding Height(in./mm)	1.3 / 32.5	1.3 / 32.5
Top Plate Thickness(in./mm)	0.51 / 13	0.51 / 13
Linear Excursion ( $X_{max}$ )(in./mm)	0.4 / 10.0	0.4 / 10.0
Force Factor ( $Bf$ )(T.M)	31.02	15.25
Sensitivity ( $SPL$ )(dB.)	92	93
Power Handling ( $P_E$ )(Watt.R.M.S.)	400	400

Yo, just so you know, we reserve the right to make specification changes and product improvements without notice.