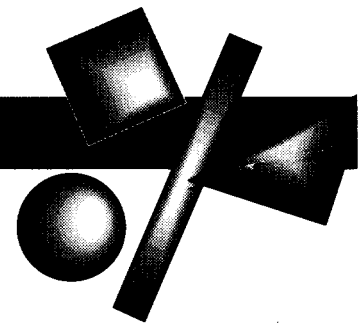


# SPECIFICATIONS



**Model** ..... DS101X ..... DS122HP .... DS123HP ..... DS153HP ..... DS223HP ..... DS253HP

**Frequency Response**

+3 dB: ..... 50 - 16k Hz ..... 68 - 17k Hz ..... 100 - 18k Hz ..... 48 - 18k Hz ..... 65 - 18k Hz ..... 45 - 17k Hz

**Low Frequency Limit**

-3 dB: ..... 54 Hz ..... 62 Hz ..... 95 Hz ..... 49 Hz ..... 60 Hz ..... 48 Hz

-10 dB: ..... 38 Hz ..... 55 Hz ..... 65 Hz ..... 35 Hz ..... 45 Hz ..... 35 Hz

**Axial Sensitivity (1w@1m)**

LF: ..... 95.0 dB SPL ..... 98.0 dB SPL ..... 98.0 dB SPL ..... 98.0 dB SPL ..... 99.0 dB SPL ..... 102.0 dB SPL

MF/HF: ..... NA ..... NA ..... NA ..... NA ..... 101.0 dB SPL ..... 104.5 dB SPL

Efficiency: ..... 1.46% ..... 2.30% ..... 2.30% ..... 3.70% ..... 4.40% ..... 7.40%

**Power Handling Standard**

LF: ..... 180.0 watts ..... 250.0 watts ..... 250.0 watts ..... 450.0 watts ..... 900.0 watts ..... 900.0 watts

MF/HF: ..... NA ..... NA ..... NA ..... NA ..... 350.0 watts ..... 500.0 watts

**Power Handling 100 Hour Sine Wave**

LF: ..... 125.0 watts ..... 125.0 watts ..... 125.0 watts ..... 200.0 watts ..... 400.0 watts ..... 400.0 watts

MF/HF: ..... NA ..... NA ..... NA ..... NA ..... 225.0 watts ..... 225.0 watts

**Maximum Output (peak)**

LF (peak): ..... 117.6 dB SPL ..... 122.0 dB SPL ..... 122.0 dB SPL ..... 124.5 dB SPL ..... 128.5 dB SPL ..... 131.5 dB SPL

LF: ..... 116.0 dB SPL ..... 119.0 dB SPL ..... 119.0 dB SPL ..... 121.0 dB SPL ..... 125.0 dB SPL ..... 128.0 dB SPL

MF/HF (peak): ..... NA ..... NA ..... NA ..... NA ..... 124.5 dB SPL ..... 128.0 dB SPL

MF/HF: ..... NA ..... NA ..... NA ..... NA ..... 126.4 dB SPL ..... 131.5 dB SPL

Impedance: ..... 8 ohms ..... 8 ohms ..... 8 ohms ..... 8 ohms ..... 4 ohms ..... 4 ohms

**Nominal Coverage Angles**

Horizontal: ..... 100 Degrees ..... 100 Degrees ..... 130 Degrees ..... 130 Degrees ..... 130 Degrees ..... 100 Degrees

Vertical: ..... 100 Degrees ..... 50 Degrees ..... 100 Degrees ..... 100 Degrees ..... 100 Degrees ..... 50 Degrees

LF Subsystem: ..... Vented ..... Vented ..... Vented ..... Vented ..... Vented ..... Vented

Driver: ..... 1x 10-in Coax ..... 1x 12-in ..... 1x 12-in ..... 1x 15-in ..... 2x 12-in ..... 2x 15-in

MF Subsystem: ..... NA ..... NA ..... 1x 7-in ..... 1x 7-in ..... 1x 7-in ..... 2x 7-in

HF Subsystem: ..... Horn Loaded ..... Horn Loaded ..... WGPT™™ ..... WGPT™™ ..... WGPT™™ ..... Horn Loaded

Powering: ..... Passive ..... Passive ..... Passive ..... Passive ..... Passive or Biamp ..... Passive or Biamp

Finish: ..... Catalyzed Polyurethane Black

Connectors: ..... Barrier Strip

Grill: ..... Cloth Backed Perforated Steel

Rigging: ..... Stand Mount ..... Internally Reinforced Receptacle To ..... Air Cargo 20050 Type Single

..... Eye Bolts ..... Accept A 3/8" Forged Eye-bolt ..... Studs With Internal Bracing

High: ..... 14.75 in ..... 20.625 in ..... 15.75 in ..... 19.75 in ..... 19.75 in ..... 24.625 in

Wide: ..... 14.75 in ..... 14.75 in ..... 23.75 in ..... 24.625 in ..... 33.25 in ..... 40.50 in

Deep: ..... 11.75 in ..... 11.75 in ..... 9.25 in ..... 19.75 in ..... 14.75 in ..... 19.75 in

Weight: ..... 40 lbs ..... 51 lbs ..... 64 lbs ..... 88 lbs ..... 125 lbs ..... 175.0 lbs



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