



MAD A8
Planar Magnetic Surface Array

A8 Full Range Planar Magnetic Surface Array Specifications

Standard Configuration: Dipole transducers, 8 rows high by 8 transducers wide.

Vertical dispersion 5 ° to 80°

Horizontal dispersion: 60° @ 10KHz

Splay between rows: 0° to 10° in four increments (2.5°, 5°, 7.5°, 10°)

Useful frequency response: 80Hz to 20KHz, +/- 3dB (equalized)

Power handling: 5120 watts RMS

Peak power 51,200 watts in upper mid-range, 200 ms

Sensitivity 100dB, 1 watt scaled to 1 meter

Maximum output 145dB upper mid range, scaled to 1 meter

Impedance: 8 ohms per row

Recommended crossover: for high SPL low frequency output 100 to 150Hz, 24dB L/R

Suppressed back wave converts dipole radiation pattern to cardioid

Rows can be wired in parallel with optional jumpers

Weight of 8 rows ready to fly (with rigging hardware and acoustical blanket) is 500 lbs.

Overall dimensions L45"xW11"xH80" (no splay between rows)

All rigging is light weight and constructed with aircraft-grade aluminum certified to international rigging standards

Cased and packed in groups of 4 rows

Dimensions of road case L51"xW20"xH47"

Rigging hardware and acoustical blankets included

Flying grid and ground support foot available