



MPT Line Array Series



Big Boy Boxes in Disguise

Pure Three-way Design

Each RS MPT NLA product shares the same high frequency waveguide assembly. The MPT12.0 rocks two HF waveguides while the MPT6.5 and the MPTmini each rock one. The low-range and mid-range sections are matched in all three sizes providing fully scalable array opportunities.



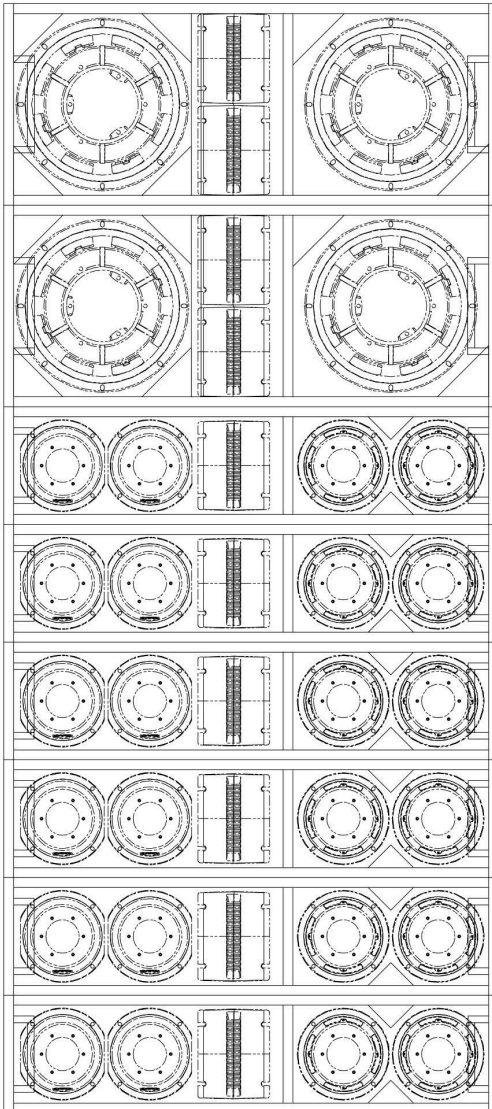


MPT 6.5

8.5" x 36.5" x 16"
60
13 ply Baltic Birch – Steel - Aluminum
120° x 15°
Adjustable 1.5°, 3.0°, 4.5°, and 6.0°
2 6.5" driver: 400 Watts & 95dB sensitivity
2 6.5" driver: 600 Watts & 98dB sensitivity
1 1.4" exit driver on 120° x 15° waveguide
160 Watts & 109dB sensitivity
80Hz – 450Hz – 1250Hz
Special settings offered upon request

MPT 12.0

Dimensions 14.5" x 36.5" x 16"
Weight 95
Construction Protective Duratex Coating – Waterproofing
Dispersion 120° x 10°
Flyware HD Steel front flyware 10:1 @ 24 boxes
Lows 1 12" driver: 1,000 Watts & 99dB sensitivity
Mids 1 12" driver: 800 Watts & 99dB sensitivity
Highs 2 1.4" exit driver on 120° x 15° waveguide
320 Watts & 109dB sensitivity
Recommended 80Hz – 450Hz – 1250Hz
X-Over See graphs below



This shows a lightly processed response of an array like what's shown to the left. A 36 dB/oct x-over is used at 71Hz to divide the subs from the line array. Both mid-band x-over points utilize 24dB/oct filters.

Notice the high-end response; this shows the built in response that becomes usefully flat back in the intended coverage area. Most line arrays have a difficult time producing enough energy beyond the 5, 8, or 10KHz point. Starting with an extra bit at the top helps the power response tremendously.

