

# *P*RECISION *M*ONITOR 1




**AVALON**  
ACOUSTICS

HIGH RESOLUTION

REFERENCE TRANSDUCERS





*PRECISION MONITOR 1* is a high-efficiency floor-standing reference monitor, designed specifically for generating maximum dynamic contrast and effective sound pressure levels from a compact chassis. Ease of driveability through a non-reactive impedance load presents low powered tube or solid-state electronics with an ideal interface for generating maximum SPL per watt of power applied.

#### FEATURES

- Proprietary Silent Inert Cabinet material/process
- Advanced light weight driver diaphragm materials minimize energy storage and time-domain distortion
- Each driver individually tested and matched for optimum performance
- Smooth, wide polar response for superlative imaging capabilities
- Exceptional impedance characteristic allows for ideal interface with any amplifier
- Crossover circuitry is hard-wired with surface-only conductors, eliminating deleterious sonic effects of printed-circuit boards
- Maximum energy transfer from low power amplification
- Careful crossover control of all magnetic field interaction
- Proprietary magnetics technology increases energy transfer and reduces noise floor
- Constrained-mode damping system absorbs cabinet vibrations
- Three and one-quarter inch thick front panel supplies acoustically inert wave-launch platform
- Proprietary phase-linear filter and damping networks
- Distinctive faceted cabinet design provides optimal polar characteristics

#### SPECIFICATIONS

Driver Complement:

1" Neodymium Phase Aligned Tweeter

2 x 7.5" Nomex Kevlar Composite Cone Woofers

Sensitivity: 93 dB

Impedance: 4 Ohms Nominal

Frequency Response: 28 Hz to 25 kHz

Recommended Amplifier Power: 15 to 200 Watts

Wiring Methods: Two position Binding Post

Dimensions: 37" (94 cm) H, 10" (25 cm) W, 17" (43 cm) D

Weight: 54 Pounds (25 kg) each

**AVALON**  
ACOUSTICS

HIGH RESOLUTION

REFERENCE TRANSDUCERS

