

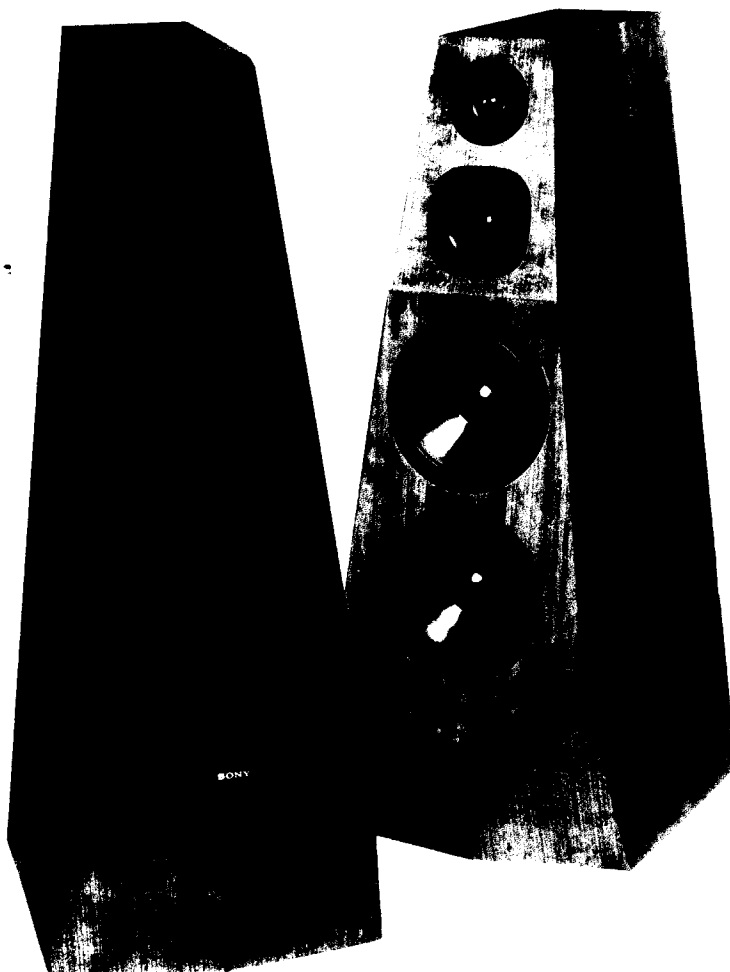
SONY

SS-M9

3-WAY LOUDSPEAKER

FEATURES AND
SPECIFICATIONS
SUBJECT TO CHANGE
WITHOUT NOTICE

- 3-WAY TWIN-PORTED FLOOR-STANDING ENCLOSURE
- ANHEDRAL BAFFLE FOR MINIMUM DIFFRACTION
- NON-PARALLEL CABINET SIDES TO MINIMIZE STANDING WAVES
- 24 DB-PER-OCTAVE CROSSOVER WITH 3% TOLERANCE PARTS
- MINERAL FILLED POLYPROPYLENE WOOFER AND MIDRANGE
- POLYMER-IMPREGNATED SILK DOME TWEETER
- INCH-THICK MEDIUM DENSITY FIBERBOARD CABINET WITH CONSTRAINED LAYER DAMPING



SS-M9

Manufactured with the highest quality materials, designed to the most exacting audio parameters, and hand assembled in the U.S., the SS-M9's represent the very pinnacle of High Fidelity products.

FEATURES

Cabinet

- **3-WAY TWIN-PORTED FLOOR-STANDING ENCLOSURE**
- **ANHEDRAL BAFFLE DESIGN** to minimize cabinet diffraction; musical tones remain clear and distinct, with amazing detail, transparency and three-dimensionality
- **NON-PARALLEL CABINET SURFACES** to minimize standing waves; bass response is "tight" and accurate, even during loud passages
- **ONE-INCH THICK MDF CABINET WALLS**; even when the speaker is playing full blast, you hear the drivers' vibration, not the cabinet's
- **1-1/2 INCH THICK BAFFLE BOARD** of constrained-layer damped MDF for even greater vibration resistance
- **EXTENSIVE CABINET BRACING** made from inch-thick MDF
- **SLANTED BAFFLE BOARD** and meticulous crossover design for time and phase coherence; musical transients are clear and distinct, stereo imaging is broad and deep
- **TWIN, 3-INCH BASS PORTS** for "quick," clean, extended bass; computer-designed flares to reduce port turbulence
- **CHERRY WOOD VENEER** on all sides, even the back, for a deep, lustrous finish
- **FLOOR-STANDING DESIGN** places the tweeters at optimum listening height

Crossover Network

- **STEEP-SLOPE 24 DB-PER-OCTAVE CROSSOVER** for reduced comb filtering, more focused, more linear, more natural sound
- **SEPARATE HIGH AND LOW INPUT TERMINALS** give you the option of biamplication
- **CROSSOVER FREQUENCIES** kept more than one octave away from any driver resonance or non-linearity for smooth, consistent frequency response
- **SEPARATE HIGH - AND LOW-FREQUENCY CIRCUIT BOARDS** for reduced interference, more direct connection between crossover and driver

- **3% TOLERANCE CROSSOVER PARTS**, compared to the typical 10%, for far higher uniformity, far better matching between the left speaker and the right

Drivers

- **MINERAL-FILLED POLYPROPYLENE WOOFER AND MIDRANGE CONES** for optimized stiffness, extremely low distortion, extremely linear frequency response
- **BUTYL RUBBER WOOFER AND MIDRANGE SURROUNDS** for high compliance and high internal damping
- **CAST MAGNESIUM FRAMES** for woofer and mid-range to resist transmitting vibration to the cabinet
- **SEPARATE ENCLOSURES** for midrange and tweeter yield superior isolation, driver-tailored damping
- **SORBOTHANE® EXTENSIONAL DRIVER DAMPING** to limit resonance
- **ALUMINUM VOICE COIL FORMERS** for high power handling
- **PRO-STYLE FLUX DEMODULATION RINGS** in the woofer and midrange cancel harmonic distortion that arises from inductive coupling between voice coil and magnetic field
- **POLYMER-IMPREGNATED SILK DOME TWEETER** for high stiffness, low weight
- **TWEETER DIRECTIVITY CONTROL PLATE** for optimal high-frequency dispersion pattern
- **FERROFLUID TWEETER COOLING** for high power handling
- **DRIVERS MOUNTED FLUSH** with large-diameter machine screws for minimum diffraction

SPECIFICATIONS

TYPE: 3-way, twin-ported enclosure

CROSSOVER: Computer optimized, 24dB-per-octave

FREQUENCY RESPONSE: 32 - 22,000Hz ± 2 dB

29 - 23,000Hz -3dB

IMPEDANCE: 4 ohms (nominal)

3.2 ohms (minimum)

19.8 ohms (maximum)

SENSITIVITY: 88.5dB at 1m with 2.83V rms input

POWER HANDLING: 300W maximum continuous (music)

DIMENSIONS (WHD): 15 3/8" x 41" x 22 1/2"

WEIGHT: 150 lbs. each

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