

# YSM-1 Near-Field Studio Monitor

- 2 Way Symmetrical Design
- 1" Dome Tweeter, 6 1/2" Woofer
- Flat, Full Frequency Response
- Banana Plug Connectors
- Solid, 3/4" MDF Construction
- Snap-On Cloth Grille
- Internal Bracing & Dampening



The YSM-1 is a compact, 2-way, near-field studio monitor designed to accurately reproduce the signal from a recording and mixing chain without contributing sonic colouration. It has clarity and bass response that you would expect to hear from a much larger cabinet and is suitable for home and project-studio recording as well as sound reinforcement applications. "It reproduces timbres with near pinpoint accuracy"<sup>1</sup> and produces pristine sound which defines the finest details and harmonics of the input signal.

The YSM-1 features a 1" soft-dome, ferrofluid-cooled tweeter and a 6 1/2" foam-surround woofer arranged in a symmetrical, vertical configuration with the drivers mounted slightly forward to minimize reflections off the cabinet face. A precisely tuned 2" cylindrical port directly below the woofer increases bass response and allows cabinet size to be kept compact.

The internal crossover network is a 'tried and true' design consisting of a 12 dB/octave low-pass filter and a 6 dB/octave high-pass filter with a crossover point at 2.5 kHz. This proven design is functional, efficient and highly resistant to failure. Speaker cables are secured with gold-plated binding posts that also accept banana plugs.

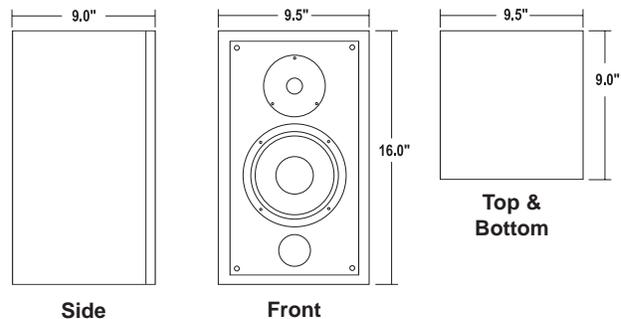
The rock-solid YSM-1 is constructed of 3/4" MDF particle board and features heavy internal bracing as well as ample internal dampening material ensuring that "the YSM-1 has no unwanted bass resonances."<sup>2</sup> The cabinet features a black cloth grille that easily snaps-on and off, and the enclosure is finished in an attractive, black woodgrain vinyl that resists scuffs and is easily cleaned.

The YSM-1 exhibits impressive bass response and well articulated and balanced mid-range & treble resulting in a sound which is tight and well controlled without overshoot or flabbiness. In addition, "stereo imaging is very good, resolution is consistent in every frequency range and bass response is excellent."<sup>1</sup> The monitors excel at placing incredibly detailed, uniform sound across a relatively wide area allowing good variation in optimum listening location.

Designed by Yorkville's team of engineers using state-of-the-art computer technology, the YSM-1 features the best price to performance value on the market. In fact, recent reviews favourably compare the YSM-1 to industry standard monitors costing significantly more.<sup>2</sup>

<sup>1</sup> *Electronic Musician*, July 1996

<sup>2</sup> *Pro Audio Review*, Sept. 1996



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# S P E C I F I C A T I O N S Y S M - 1

**System Type:** 2-Way, Ported, Symmetrical  
Passive Rectangular Cabinet

**Drivers:** HF: 1" Soft Dome Tweeter  
LF: 6 1/2" Foam Surround Woofer

**PGM Power / Imp:** 70 W / 8Ω

**Sensitivity (1W @1M):** 90 dB

**Overall Freq. Response:** 40 – 20,000 Hz

**Crossover Point:** 2.5 kHz

**Connectors:** Gold-Plated Binding Post Terminals

**Construction:** 3/4" MDF  
Internal Bracing & Dampening

**Port:** Cylindrical 2" Tuned Bass Reflex

**Finish:** Black Woodgrain Vinyl

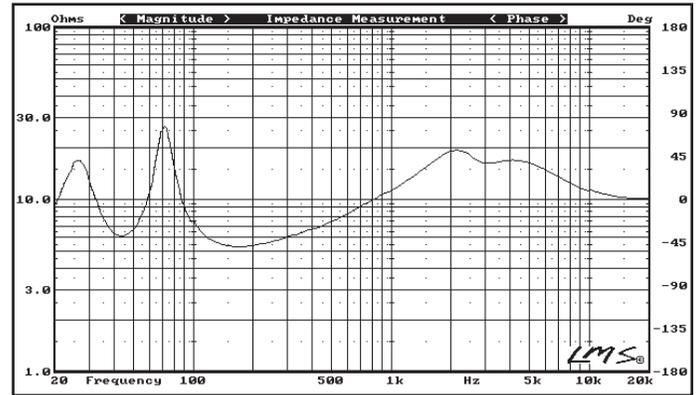
**Grille:** Snap-On, Black Cloth

**Dimensions:** 16.0" x 9.5" x 9.0"  
(H x W x D) 40.7 x 24.2 x 22.9 cm

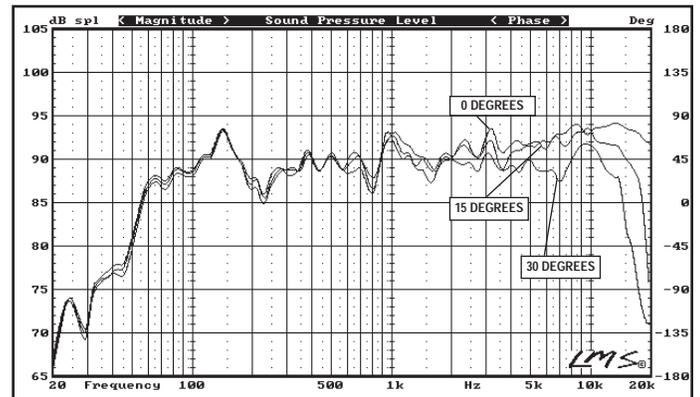
**Exterior Volume:** 0.80 ft<sup>3</sup> / 0.023 m<sup>3</sup>

**Weight:** 18 lbs / 8.2 kg

**Amp. Requirements:** ~ 70 to 100 W into 8Ω



Impedance



Horizontal Off-Axis Frequency Response