

SYNERGY HORN FULL RANGE LOUDSPEAKERS

The SH-Micro is an ultra low profile Synergy Horn. Use it anywhere you need great audio in a loudspeaker package that is less than 7" tall.

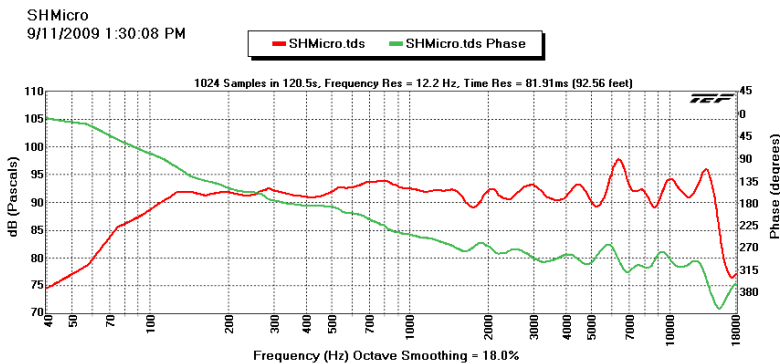
Applications include under balcony fill and home theater mains or surrounds. Each cabinet houses 2 - 5.5" woofers and 1 - 4.5" full range loudspeaker.

Specifications

Coverage Pattern 90° horizontal x 90° vertical/15° down angle
 Operating Frequency Range..... 100 Hz - 15 kHz +/- 3 dB
 65 Hz – 16 kHz -10 dB
 Sensitivity @ 1M 92 dB SPL
(Measured as 2.83V input, 1M whole space)
 Maximum Output..... 113 dB SPL Cont., 119 dB SPL Program
 Input Power Ratings..... 120 W continuous, 240 W program
 Nominal Impedance 8 ohms
 Minimum Impedance..... 5.3 ohms @ 2500 Hz
 Recommended Processing..... 90 Hz HP @ 24 dB/Butterworth
 Drivers LF 2 x 5.5", Full range 1 x 4.5"
 Input Connections 2-NL4MP
 Enclosure Material 13ply, 18mm Baltic Birch, polyurea coated

SH-Micro

Ultra-low profile
Synergy Horn

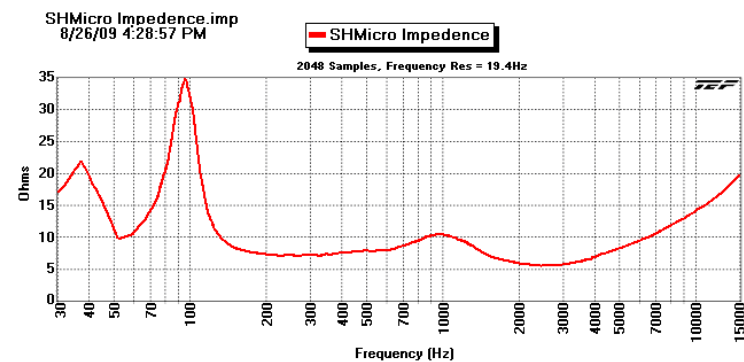


Applications

Houses of worship
 Commercial theatre sound
 Live music venues
 Performing arts centers
 High end home theatres

Accessories

U-Bracket
 Weatherized options available



PERFORMANCE DATA

Model	Max SPL	Sensitivity	Magnitude Response	Beam Width	Power Rating	Dimensions (in.)	Weight
SH Micro	119 dB	92 dB	100 Hz – 15 kHz	90° x 90°/15° DA	240 W	18 x 7 x 12.5	23 lbs

Architect/Engineers Specs

The loudspeaker shall utilize the Synergy Horn patent-pending technology covering two pass bands. The coverage pattern shall be 90° horizontal x 90° vertical with a 15° down angle. The loudspeaker shall have an operating range of +/- 3 dB 100 Hz – 15 kHz. Sensitivity of 92 dB SPL @ 1m. Output of 113 dB SPL/119 dB SPL Peak. Power handling shall be 120 Watts continuous, 240 Watts program. The impedance shall be nominal 8 ohms.

The loudspeaker shall be constructed of 13 ply Baltic birch, water resistant Polyurea coated, properly braced for the intended use and a rugged steel grill. The connectors shall be Neutrik NL4. The Loudspeaker shall be the Danley Sound Labs SH-Micro.