

SURFACE MOUNT LOUDSPEAKER

SMS6/T



DESCRIPTION:

HEINRICH'S SMS6/T is elegant wall/surface mounted loudspeaker. The ABS housing is equipped with transformer with dual voltage (100V/70V) and 5-inch cone loudspeakers with wider coverage angles. With curved ABS housing, 5" cone loudspeakers exhibit wider coverage angles.

APPLICATION:

The SMS Series offers the first serious alternative to wooden wall baffles and can be used in classrooms, malls, atriums, church fellowship halls, meeting rooms, and other venues where recessed speaker systems are not practical. SMS cabinet mounts easily with hole cover caps and customer-supplied hardware. In the vertical orientation mounting the keyhole bracket is used. Horizontal attachment is made using the two front mounting holes. For audio connection, mount over electrical box or by allowing cable entry through either of two provided cutouts.

PHYSICAL CONSTRUCTION:

SMS6/T uses 5" driver with a power rating of 6 watts. In addition to UV inhibitors and optional volume controls, the white ABS molded cabinets also include bass ports, mounting hole covers, transformer tap selection via spade lugs, and terminal blocks for connecting. It can be supplied as BS5839 part 8 voice alarm compliant, which means a ceramic terminal and thermal fuse must be installed.

ACOUSTIC MODELING:

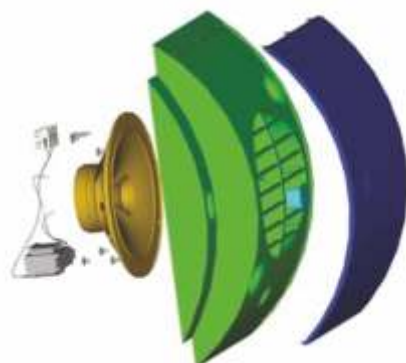
The SMS series speakers support EASE, CATT and ULYSSES models for acoustical studies. This means the acoustic models can be created to simulate the sound quality and distribution prior to installation. As per BS5839 part 8, EN60849 and NFPA72 a minimum of 0.5 RaSTI is required to achieve the required intelligibility.

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APPROVALS & STANDARDS:

All HEINRICH loudspeakers have undergone tough testing procedures to ensure that all products can operate at their rated power in compliance with IEC60268 part 5. In addition, all the fire-rated products have undergone actual fire tests to ensure compliance with BS5839 part 8.

3D Exploded View



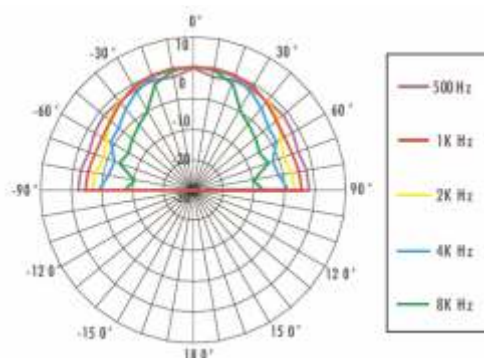
Front View



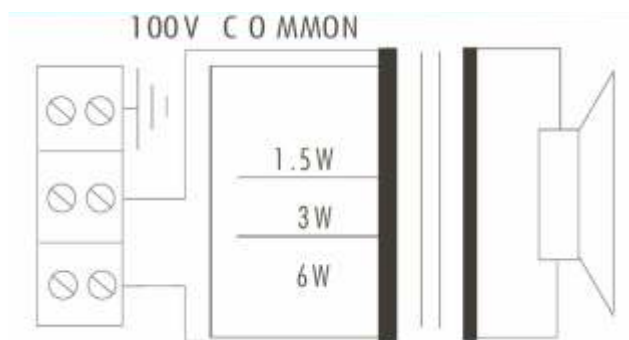
Top View



Polar Diagram

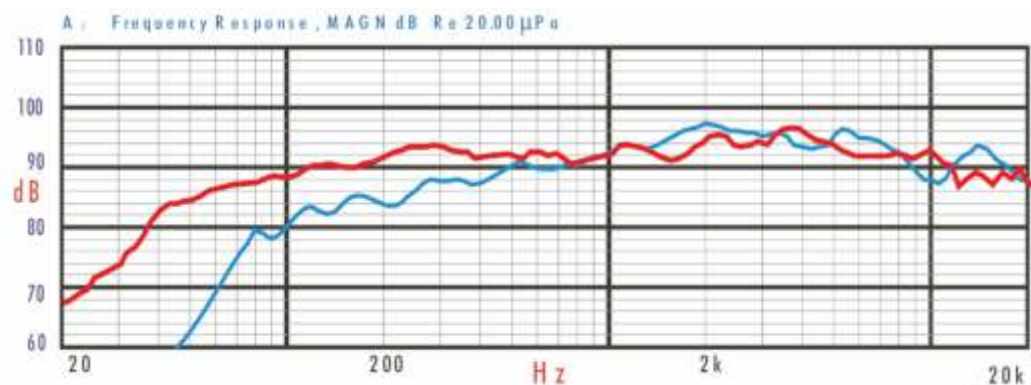


Circuit Diagram SMS6/T



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Frequency Response



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SPECIFICATION:

Model	SMS6/T
Rated Power (Watts)	6W
Tapping @100V (Watts)	6W / 3W / 1.5W
Tapping @70V (Watts)	3W / 1.5W / 0.75W
Transformer Impedance(Ω) @100V	1.67K / 3.33K / 6.66K
Driver Impedance (Ω)	8 Ω
Effective Frequency Range, Hz	110Hz ~ 18KHz
SPL @1M/1W, dB, test signal bandwidth 100Hz -10KHz	96
Acoustic Power (dB-PWL@1W) 1K/2K Hz, dB	94 / 95
Dispersion @1K/2K Hz, Degree	180 / 120
Directivity Axial Q Factor, 1K/2KHz	3.6 / 5.8
Dimensions, Front & Depth, mm	330 x 240 x 90
Net Weight	1.15Kg
Color	White
Material	ABS Moulding with UV Inhibitors, Steel Mesh
Mounting	Keyhole and Screws
IP Rating	IP55
Temperature Range	-20°C ~ 80°C

Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.