

IP-SM500i-II

5.25" COAXIAL SURFACE MOUNT SPEAKER

SOUNDTUBE
ENTERTAINMENT



Specifications: IP-SM500i-II

Mounting hardware included

Sensitivity dB @ 2.83V/1M	86.0 dB
Sensitivity dB @ 1W/1M (2)	83.0 dB
Frequency Response (± 3 dB)	86 Hz - 22 kHz
Frequency Response (± 10 dB)	60 Hz - 22 kHz
Max. Program Power	150 W
Max. Continuous Power RMS	75 W
Power Output	40 W
Max. Power SPL @ 1 M	102 dB
Directivity Factor (Q) (Averaged 100Hz - 10kHz, @ 2kHz)	4.6 (Averaged 100 Hz - 10 kHz); 9.8 @ 2 kHz
Directivity Index (DI) dB (Averaged 100Hz - 10kHz, @ 2kHz)	5.6 dB (Averaged 100 Hz - 10 kHz); 9.9 dB @ 2 kHz
Transducer - Low Frequency Driver	5.25" Polypropylene Cone w/ Butyl Rubber Surround
Transducer - High Frequency Driver	1" Convex Titanium Tweeter w/ Waveguide
Network Type: Low Pass	12 dB per octave, 2nd order
Network Type: High Pass	12 dB per octave, 2nd order
Colors	Black / White / Custom
Inputs	RJ45 ethernet port
Height (SM = Height)	289.56 mm / 11.4 in
Diameter (SM = Width)	212.26 mm / 8.36 in
SM Depth (Including Bracket)	266.30 mm / 10.48 in
Weight	4.3 kg / 9.5 lbs
Shipping Weight	5 kg / 11 lbs
Packaging	One per box
Regulatory - UL	1480 UEAY Planned
Regulatory - CE	approved
Regulatory - RoHS	approved

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Description

BroadBeam® waveguide technology delivers a consistent dispersion pattern up to 10 kHz for maximum coverage area per speaker. One 5.25 inch (133 mm) polypropylene woofer and one 1.0 inch (25 mm) convex titanium tweeter with FerroFluid™ cooling. 86.0 dB average sensitivity offers high output capabilities and reduced amplification costs. Includes stainless steel screws and weatherized components for indoor and outdoor applications (SM500i-II-WX available for severe weather installations). Patented ZeroReflection™ enclosure technology for optimal sound reproduction and cabinet rigidity. Aluminum grille with powder-coat finish. Includes the new SM500i-II Stealth™ bracket mounting system. Vertical and horizontal pivoting allow the SM500i-II to be aimed anywhere within the installation space. Low profile enclosure design keeps the speaker close to the wall. UL 1480 (UEAY) planned. Included Accessories: Safety cable with speaker mounting bolt, Euroblock connector, wall mount bracket and terminal weather boot. Includes 40

watt bi-amplified speaker with DSP and CobraNet for audio distribution and feedback on speaker condition. Equipped with RJ45 ethernet connector and 24V DC barrel connector for local power (non-PoE installation).

Patented SoundTube Technologies

SoundTube and MSE Audio Group constantly develop new technologies that enhance audio product performance. SoundTube innovations are protected by multiple U.S. and international patents, which explicitly cover SoundTube dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect SoundTube resellers and end users.

Technical Data and Specification Tools

Technical Data

SoundTube Entertainment strives to provide complete and effective technical information and data to dealers, engineers and

designers. All data are available from SoundTube Entertainment or at www.soundtube.com. Technical data and downloads include: EASE™ data - 3-D polar plots. EASE™ Address - 2-D modeling for distributed systems Autodesk® Revit® software Tech Sheets - Technical information and architectural specs for system engineers SoundTubeSPEC™ - Proprietary speaker placement software

Data Acquisition and Verification

All data for SoundTube speakers are independently collected from and verified by NWAALabs (www.nwaalabs.com) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and AES standards using EASRA, TEF and MLSSA. Full balloon data including both phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

Architectural Specifications

No specifications currently.

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SoundTube

8005 W. 110th St. | Suite 208

Overland Park, KS 66210

Phone 9136635600

Fax 8556635600

Toll Free 8556635600

<http://soundtube.mseaudio.com>

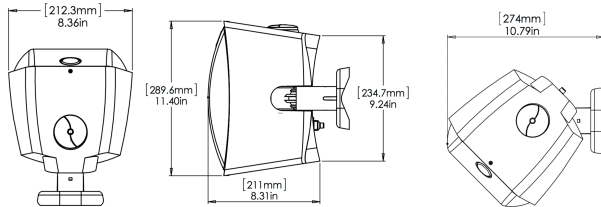
All SoundTube products come
with a 5-year limited warranty.

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Mechanical Drawings



Included Accessories

**Safety Cable w/ Speaker
Mounting Bolt
Terminal Weather Boot**

Euroblock Connector

Wall Mount Bracket