



WS500

Surface mount speaker

The WS500 is a design wall loudspeaker with a rounded shape made of white ABS and a white, varnished metal grill. Thanks to its special shape as well as the entire aspect, the loudspeaker aesthetically lends itself to the wall. The WS500 is suitable for speech and music with a broadband loudspeaker of 10 Watt. Fitted with a 100V line transformer and connections for different power taps. They are made of high quality components, to ensure a beautiful warm sound reproduction of music and speech. Furthermore, they all have an integrated 100V line transformer with several power taps, whereby they can be used in standard low impedance Hi-Fi or larger 100V PA systems. The cone is moisture-proof treated, so they can be used in damp rooms or in outside applications, the grill and housing can be painted to integrate seamlessly into your interior.

Applications:

- Retail
- Hotels
- Public facilities
- Corporate spaces



Voltage:



System specifications:

RMS Power		10 W
Line Transformer Tappings	1	10 W / 1000 Ω
	2	5 W / 2000 Ω
Frequency	Response (± 3 dB)	150 Hz - 15 kHz
Sensitivity (1W/1m)		92 dB
Sound Pressure (Max. W/1m)		102 dB
Impedance		8 Ω
Dispersion	Horizontal	100°
	Vertical	100°
Connectors		Cable clamps
Drivers		6 1/2" Coaxial

Product Features:

Dimensions	240 x 340 x 100 mm (W x H x D)
Weight	1.620 kg
Operating temperature	-20 °C ~ 60 °C
Construction	ABS
Mounting	2 Screws
Front finish	White aluminium grill
Colours	White (RAL9010)

Architects' and Engineers' Specifications:

The loudspeaker must be a surface mount wall type, consisting of an 6.5" broadband speaker which is built in a curved ABS enclosure, allowing it to be blend in with any environment. Mounting of the speaker shall be possible using an easy installation system requiring fixation by two screws only. It must have an RMS power handling of 10 Watt with a maximum power handling of 20 Watt and the frequency response (± 3 dB) must range from 150 Hz to 15 kHz. The sensitivity must be 92 dB when measuring with an input signal of 1 Watt at a distance of 1 meter, while the maximum continuous sound pressure level must reach 102 dB. The loudspeaker must be fitted with a line transformer for use in 100 Volt constant voltage audio systems with multiple tappings for 10 Watt and 5 Watt which are selectable through a multi tapping spring clamp connection system. The loudspeakers' enclosure must be finished in RAL9010 color, have a width of 240 mm, a height of 341 mm, a depth of 100 mm and the weight shall not exceed 1.62 Kg.