

The WM 563 and WM 512 Surface Mounted Wall Loudspeakers are versatile solutions designed to cater to a wide range of applications. These units are ideally suited for installation in spaces lacking a false ceiling, such as stairwells and rooms with concrete ceilings. Equipped with a 120 mm dynamic full-range loudspeaker component, the WM 563 and WM 512 excel in delivering exceptional speech and music reproduction, even in environments with high ambient noise levels. These speakers feature a vented enclosure meticulously crafted to enhance sound quality. At the front baffle, a fine metal mesh cover adds to the

aesthetics while providing protection. The WM 563 and WM 512 are equipped with a multiple-tapping line-matching transformer, making them compatible with 70V or 100V line distributed speaker systems. The flexible design allows these loudspeakers to be mounted either horizontally or vertically, all while concealing any visible mounting screws. Additionally, they can be tilted to ensure precise sound projection. The robust enclosure is specifically engineered for permanent installation, preventing any unauthorized removal of the unit and ensuring long-lasting performance.

- Delivers clear, natural speech and gentle background music through a wide-band driver tuned for even, consistent coverage.
- Certified to EN 54-24 for voice-alarm and life-safety announcement systems.
- WM 563, 100 V line taps: 6 W, 3 W, 1.5 W; 70 V line taps: 3 W, 1.5 W, 0.75 W.
- WM 512, 100 V line taps: 12 W, 6 W, 3 W; 70 V line taps: 6 W, 3 W, 1.5 W.
- Discreet moulded ABS enclosure finished in white, set behind an aluminium grille, resists moisture and impact while sitting light and unobtrusive in the ceiling or on the wall.
- WM 563, 260 × 173 × 65 mm (W × H × D), 0.8 kg, IP31.
- WM 512, 260 × 173 × 65 mm (W × H × D), 1 kg, indoor rated.
- Ideal for offices, corridors, classrooms and general paging zones.



WM 512



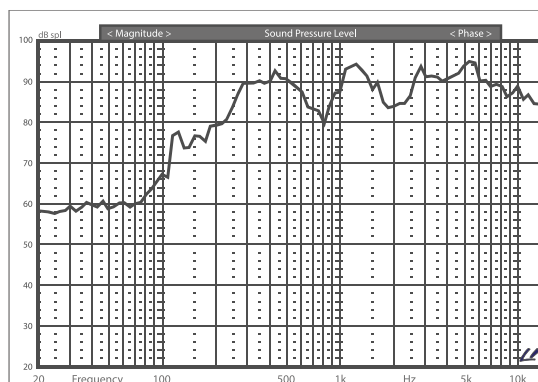
WM 563

Technical Specification

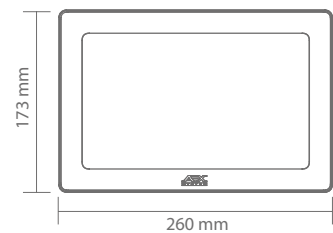
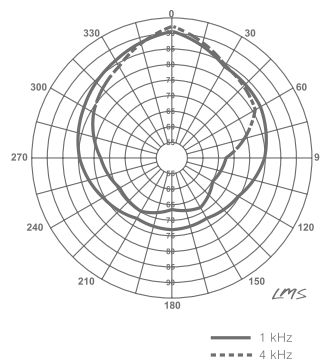
	WM 563	WM 512
Rated Input	100V : 6W (6W - 3W - 1.5W) 70V : 3W (3W - 1.5W - 0.75W)	100V : 12W (12W - 6W - 3W) 70V : 6W (6W - 3W - 1.5W)
Rated Impedance	1.7kΩ, 3.3kΩ, 6.7kΩ	0.8kΩ, 1.7kΩ, 3.3kΩ
Maximum Power	9 W	18 W
Frequency Response	110 Hz - 20 kHz	110 Hz - 20 kHz
Sensitivity 1W @ 1m	94±3dB / 100 dB	94±3dB / 103 dB
Coverage Angle (1kHz, -6dB)	70 °	70 °
Speaker Component	120 mm Dynamic Full-range Loudspeaker	120 mm Dynamic Full-range Loudspeaker
Safety	Acc. to EN 60065	Acc. to EN 60065
Dust & Water Protection	IP31	
Material & Finish	Enclosure: ABS, white Grille: Aluminium Mesh, white	Enclosure: ABS, white Grille: Aluminium Mesh, white
Dimensions	260 x 173 x 65 mm (W x H x D)	260 x 173 x 65 mm (W x H x D)
Weight	0.8 kg	1 kg

Frequency Response

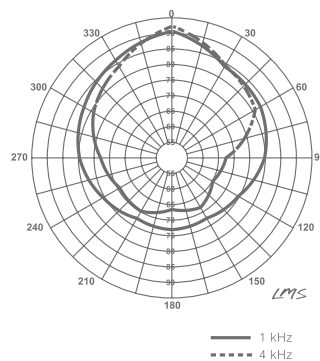
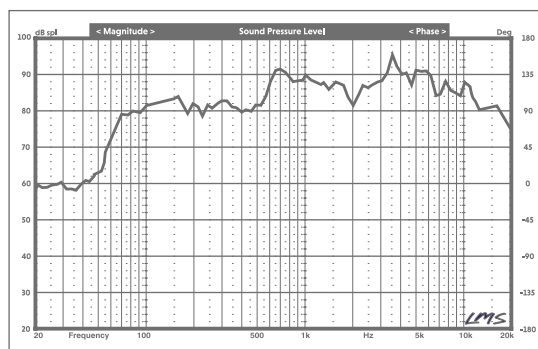
WM 512



SPL Polar Plot



WM 563



*at 1W / 1m