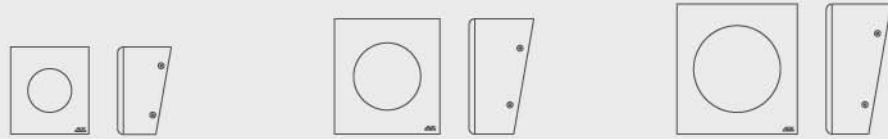


The WM Series Wooden Wall Mounted Loudspeakers have been designed as an alternative to ABS enclosed loudspeakers to provide better sound quality due to a larger closed enclosure volume and good sound dampening properties of wood. The units are constructed from durable particle board and vinyl covered with a black simulated wood grain finish. The front of the units are covered with a fine woven acoustically transparent black cloth.

The units utilise dual cone full range loudspeaker components, capable of providing clear speech and music reproduction even under severe ambient noise conditions. It also features a line matching transformer suitable for 70 V and 100 V distributed speaker system and allowing outputs of 6, 4, 2 and 1 W (100 V line) / 3, 2, 1 and 0.5 W (70 V line). The unit can either be wall mounted or used as a desktop unit. There are 3 models available; WM 562, WM 662 and WM 862.

- 120 mm (WM 562), 160 mm (WM 662) and 200 mm (WM 862) dual cone full range loudspeaker component for a wide frequency response.
- High SPL Output, suitable for applications with high ambient noise surroundings.
- Ready fitted line matching transformer with multiple power tapings of 6, 4, 2 & 1 W and 100 V line (3, 2, 1, 0.5 W at 70 V).
- Simulated black wood grain finish. Also available in wood grain oak finish (by custom order only).
- Durable wooden enclosure wall mounted loudspeaker, vinyl laminated in black simulated wood grain to protect the unit with an integrated front fabric grille.

**WM 562****WM 662****WM 862**

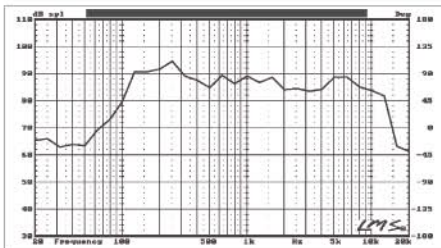


Technical Specifications

	WM 562	WM 662	WM 862
Rated Input	100 V : 6 W (6 - 4 - 2 - 1 W) 70 V : 3 W (3 - 2 - 1 - 0.5 W)	100 V : 6 W (6 - 4 - 2 - 1 W) 70 V : 3 W (3 - 2 - 1 - 0.5 W)	100 V : 6 W (6 - 4 - 2 - 1 W) 70 V : 3 W (3 - 2 - 1 - 0.5 W)
Maximum Power	9 W	9 W	9 W
Rated Impedance	1.7 kΩ (1.7 - 2.5 - 5 - 10 kΩ)	1.7 kΩ (1.7 - 2.5 - 5 - 10 kΩ)	1.7 kΩ (1.7 - 2.5 - 5 - 10 kΩ)
Sensitivity (1 W / rated at 1 m)	89 / 97 dB	92 / 100 dB	102 / 110 dB
Coverage Angle (1 kHz, -6 dB)	168 deg.	130 deg.	120 deg.
Frequency Response	65 Hz ~ 15 kHz	110 Hz ~ 20 kHz	100 Hz ~ 19 kHz
Speaker Component	120 mm Dual Cone Full Range Loudspeaker	160 mm Dual Cone Full Range Loudspeaker	200 mm Dual Cone Full Range Loudspeaker
Safety	Acc. to EN 60065	Acc. to EN 60065	Acc. to EN 60065
Finish	Vinyl Laminated Particle Board with Black Cloth	Vinyl Laminated Particle Board with Black Cloth	Vinyl Laminated Particle Board with Black Cloth
Dimensions	180 x 200 x 122 mm	220 x 240 x 135 mm	250 x 270 x 135 mm
Weight	1.6 kg	2.2 kg	3.0 kg

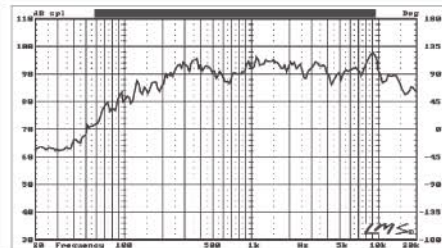
Frequency Response

WM 562



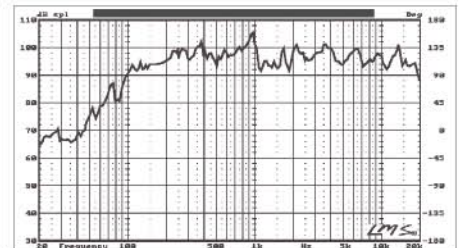
* at 1 W / 1 m

WM 662



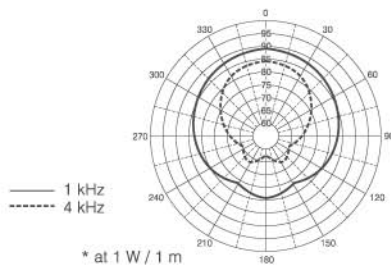
* at 1 W / 1 m

WM 862

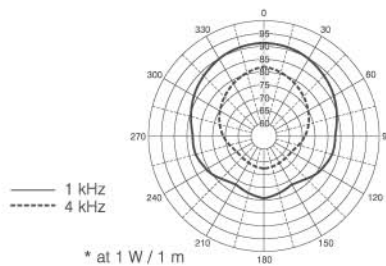


* at 1 W / 1 m

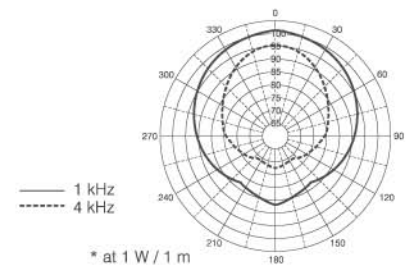
SPL Polar Plot



* at 1 W / 1 m



* at 1 W / 1 m



* at 1 W / 1 m

Engineers' Specifications

The wooden wall mounted loudspeaker unit shall be fitted with a 120 mm (WM 562)/ 160 mm (WM 662)/ 200 mm (WM 862) dual cone full range loudspeaker driver and a line matching transformer with multiple tapings of 6, 4, 2 and 1 W for 100 V line distributed speaker system. The loudspeaker shall have a useable frequency range of 65 Hz ~ 15 kHz (WM 562)/ 110 Hz ~ 20 kHz (WM 662)/ 100 Hz ~ 19 kHz (WM 862). The enclosure shall be constructed from rigid

material, vinyl laminated with an integrated front fabric grille. Mounting is by means of a detachable rear panel with securing screws. The weight of the speaker unit shall not exceed 1.6 kg (WM 562)/ 2.2 kg (WM 662)/ 3.0 kg (WM 862). The dimensions (W x H x D) shall be 180 x 200 x 122 mm (WM 562) / 220 x 240 x 135 mm (WM 662) and 250 x 270 x 135 mm (WM 862).

