

HW-SERIES

PROFESSIONAL OUTDOOR LOUDSPEAKER



HW6.5 OUTDOOR IP65 LOUDSPEAKER

The HW 6.5 is a versatile loudspeaker featuring a 6.5" woofer paired with a 1" high-frequency driver. Purpose-built for commercial applications, it incorporates a built-in transformer with multiple tap settings for high-impedance environments, ensuring flexible integration across diverse installations.

With its passive crossover and two-way full-range configuration, the HW 6.5 delivers balanced performance ideally suited for both indoor and outdoor markets, including hospitality venues, educational institutions, and other professional spaces.

Constructed from durable plastic housing and rated IP65 for weather resistance, the HW 6.5 is engineered for reliable operation in challenging conditions. Its sleek, compact cabinet design offers an elegant aesthetic while providing excellent vocal clarity.



Key Highlights

- Outdoor IP65 Weatherproof Loudspeaker
- Two-way 6.5" LF driver with 1" HF driver
- Designed for Easy Setup and C-Type Bracket Included
- 90° (H) x 60° (V) Wide Dispersion Horn design
- Black/White Colour available

System Applications

- Outdoor Applications
- Background Music
- Terrace Café
- Gym/Fitness Centres
- Classrooms



Side View



Front View



Rear View



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Technical Specifications

Type	Two-way full range plastic IP65 loudspeaker
Frequency Response (-10 dB)	65 Hz – 18 kHz
LF Drivers	1 x 6.5" (166 mm) LF Driver
HF Drivers	1 x 1" (25 mm) Silk dome HF Driver
RMS Power	40W @ 8Ω
Program Power	80W @ 8Ω
Transformer Tapping	20W-10W-5W-2.5W/100V/8Ω
Sensitivity (1W/1m)	88 dB
Max SPL (Continuous/1m)	109 dB
Max SPL (Peak/1m)	112 dB
Nominal Impedance	8 Ω (typical) / Transformer Tapping
Crossover Mode	Passive, optimized for linearity
Dispersion	90° (H) x 60° (V)
Cabinet Material	ABS Plastic Material
IP Rating	IP 65 Weatherproof
Size (mm)	328 x 205 x 182mm (H x W x D)
Weight (Kg)/Lbs	3.2 / 7.05

Safety Instructions

- When flying speakers, appropriate hardware and techniques must be employed for safely suspending the enclosures.
- All speaker hardware and flying apparatus must be regularly inspected for any visual or mechanical failure.
- Leave adequate distance between speakers and the audience. Refer to your local authority for Health and Safety guidance when using loudspeaker systems.
- The Louis Martin digital controller should only be programmed by an authorized technician. Do not use Louis loudspeaker systems without the correct controller and the program. If a system fails due to incorrect controller use, warranty is void.
- Protect your speakers and electronics from exposure to humidity, water or rain.
- The loudspeakers and electronics are covered against defects in workmanship or materials for a period of two years from the original date of purchase. The warranty does not cover any item which in Louis's opinion has failed due to user abuse, accident, modifications.
- The defective item will be repaired/replaced with no charge for materials or labour. However, the item should be adequately packed and dispatched, pre-paid, to a Louis authorized distributor/service