

TL-SERIES

PROFESSIONAL LOUDSPEAKER SYSTEM



TL5.5 – Motorised Ceiling Speaker

The TL-5.5 is a high-performance, versatile passive ceiling speaker engineered for exceptional sound reinforcement with motorized direction control. It features a powerful 5.5" polypropylene cone woofer with rubber surround and a 1" (25 mm) ferrofluid-cooled silk dome high-frequency driver, delivering clear, balanced audio across a wide range.

Designed with a passive crossover and two-way full-range configuration, the TL-5.5 is ideally suited for conference rooms, classrooms, hospitality venues, and educational environments. Its durable plastic enclosure ensures reliability, while the innovative motorized directional control—operable via remote or RS485 interface—adds flexibility and precision to system setup.



Key Highlights

- Directional Control Speaker
- 5.5" LF driver with 1" HF Driver
- Ceiling Mounted Speaker
- 115°(H) x 90 °(V) Wide Dispersion Horn design

System Applications

- Conference Room
- Background Music
- Hotel & Restaurants
- Classrooms



Technical Specifications

Type	Two-way full range ceiling loudspeaker
Frequency Response (-10 dB)	65 Hz – 19 kHz
LF Drivers	1 x 5.5" Polypropylene cone woofer Driver
HF Drivers	1 x 1" (25 mm) HF Driver
RMS Power	30W
Program Power	60W
Peak Power	120W
Sensitivity (1W/1m)	88 dB
Max SPL (Continuous/1m)	109 dB
Max SPL (Peak/1m)	112 dB
Nominal Impedance	8 Ω (typical)
Crossover Mode	Passive, optimized for linearity
Dispersion	115°(H) x 90°(V)
Cabinet Material	Plastic materials
Size (mm)	220 x 220 x 160 mm (H x W x D)
Weight (Kg)/Lbs	2.5/5.51

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