

K-SERIES

PROFESSIONAL COLUMN LOUDSPEAKER



Professional Column Speaker

The K-Series Column Speaker is a high-fidelity solution engineered for environments where speech intelligibility is paramount. Crafted from a robust aluminum alloy cabinet, it combines lightweight construction with excellent transient response, ensuring both durability and acoustic precision. Designed specifically for acoustically challenging spaces - such as airports, churches, railway stations, and other venues where clear communication is critical - the K-Series delivers uncompromising clarity.

Each model in the series is equipped with a 3" Faital Pro full-range driver, offering consistent performance across a variety of configurations. The lineup includes multiple models to suit diverse installation needs: K302, K304, K306, K308, and K312.

Key Highlights

- Slim Aluminum design
- 3" full range Faital Pro driver
- Designed for Easy Setup and Multiple Mounting Configuration
- 90°(H) Dispersion & multiple Vertical Dispersion

System Applications

- Public address systems
- Lecture theatres
- Church
- Airport/Railway Stations
- Classroom/Conference Room



K-302

K-304

K-306

K-308

K-312

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Technical Specifications

Model	K302	K304	K306	K308	K312
Type	Full Range Column Speaker				
Frequency Response (-10 dB)	150 Hz – 18kHz				
Drivers	2 x 3" Full Range	4 x 3" Full Range	6 x 3" Full Range	8 x 3" Full Range	12 x 3" Full Range
RMS Power	40W	80W	120W	160W	240W
Program Power	80W	160W	240W	320W	480W
Peak Power	160W	320W	480W	640W	960W
Sensitivity (1W/1m)	91 dB	93 dB	95 dB	97 dB	99 dB
Max SPL (Continuous/1m)	110 dB	115 dB	118 dB	121 dB	125 dB
Max SPL (Peak/1m)	113 dB	118 dB	121 dB	124 dB	128 dB
Nominal Impedance	8 Ω (typical)				
Crossover Mode	Passive Full Range Speaker				
Dispersion	90° (H) x 60° (V)	90° (H) x 50° (V)	90° (H) x 40° (V)	90° (H) x 30° (V)	90° (H) x 20° (V)
Cabinet Material	Aluminium Alloy				
Size (mm) (H x W x D)	114 x 101 x 110	439 x 101 x 110	649 x 101 x 110	859 x 101 x 110	1120 x 101 x 110
Weight (Kg)/Lbs	2.2/4.85	4.1/9.03	5.9/13.0	7.8/17.2	10.6/23.3

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