

# F-SERIES

PROFESSIONAL LOUDSPEAKER



## F-15 INSTALLATION / PORTABLE LOUDSPEAKER SYSTEM

The F-15 is a high-performance, two-way passive loudspeaker engineered for professional sound reinforcement applications. Equipped with a 15" (381 mm) low-frequency transducer and a 1.75" (44 mm) high-frequency compression driver, the system delivers extended bass response, articulate midrange, and smooth high-frequency reproduction. Its passive crossover network ensures seamless integration between LF and HF components, maintaining linearity and minimizing phase distortion.

Designed for both fixed installations and portable live setups, the F-15 offers a flat frequency response that reproduces audio with exceptional transparency and accuracy. The cabinet is constructed from high-density plywood, chosen for its acoustic stability and durability, ensuring consistent performance even under demanding conditions.



### Key Highlights

- Premium Wooden Finish for Acoustic and Aesthetic Excellence
- Powerful 15" Woofer with Precision 1.75" HF Driver
- Designed for Easy Setup and Multiple Mounting Configuration
- 90°(H) x 50 °(V) Wide Dispersion Horn design

### System Applications

- Lounge
- Pub/Bar
- Multi-functional room
- Live portable setup
- Night Clubs



Top View



Bottom View



Side View



Front View



Rear View



### Technical Specifications

Type	Two-way full range passive loudspeaker
Frequency Response (-10 dB)	50 Hz – 19 kHz
LF Drivers	1x 15" (381 mm) LF Driver with 3" Voice coil
HF Drivers	1 x 1.75" (44 mm) HF Driver
RMS Power	500W
Program Power	1000W
Peak Power	2000W
Sensitivity (1W/1m)	99 dB
Max SPL (Continuous/1m)	129 dB
Max SPL (Peak/1m)	132 dB
Nominal Impedance	8 Ω (typical)
Crossover Mode	Passive, optimized for linearity
Dispersion	90°(H) x 50°(V)
Cabinet Material	High density multi-layer plywood
Size (mm)	690 x 470 x 443mm (H x W x D)
Weight (Kg)/Lbs	30/66.1

### 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