



Key Features

- 1200W Class-D Amplifier with DSP
- Can deliver up to 128 dB peak SPL
- Built in DSP for quick processing, factory presets
- Flexible tone shaping through a precise three-band EQ and user-programmable presets
- Comprehensive control of input gain and master volume to ensure optimal gain structure
- User-friendly interface with all parameters accessible via a high-contrast LCD and single-knob navigation

The F12AM is engineered for clarity, power, and versatility, this Powered Active Stage Monitor is your go-to solution for any live stage performance environments and small Main PA applications. With a robust coaxial design featuring a 12" LF driver and 1.5" HF driver, it delivers full-range audio from 55 Hz to 19 kHz with wide, even coverage - 90° horizontal and 90° vertical.

Whether you're performing, presenting, or monitoring, the system adapts instantly with three onboard DSP presets: Music, Monitor, and Flat Mode. Its powerful amplifier delivers 600 W continuous and up to 1200 W peak output, ensuring your sound is always clean and commanding.

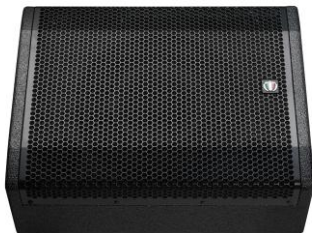
Its rugged enclosure is reinforced with a 1.2 mm perforated steel grille and acoustic foam, ensuring durability and protection in challenging environments.



Technical Specifications

Type	Two-way Coaxial full range Active loudspeaker
DSP Control	Integrated DSP Control with Factory presets/User defined presets
Frequency Response (-10 dB)	55 Hz – 19 kHz
LF Drivers	1x 12" (304 mm) Coaxial Driver
HF Drivers	1 x 1.5" (38 mm) HF Driver
Amplifier Continuous Power	600W
Amplifier Peak Power	1200W
Max SPL (Continuous/1m)	122 dB
Max SPL (Peak/1m)	128 dB
Applications	Stage Monitors/ Main PA/ Fix Installation
Connectors	2 x XLR/TRS Combo Jack Input 1 x Stereo RCA Input 1 x XLR Mix Output
USB Interface	USB Type A for Input USB Type B for Software Control
Dispersion	90°(H) x 90°(V)
Cabinet Material	High density multi-layer plywood
Size (mm)	525 x 410 x 385mm (H x W x D)
Weight (Kg)/Lbs	21.5/47.4

Product Images



Front



Without Grill



Back



Bottom - 1



Top



Bottom - 2



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