

SF12AS

12-inch, 500W Powered Bass Module



Specifications

model#	SF12AS
Type	12" sub
LF Amplifier Power	500W(Class D), RMS @ 1% THD
Input Type	Balanced Differential Line
Input/Output Impedance	Line: 20k ohms Output: 280 ohms
Sensitivity	Line: 0.775V (0dBu)
Freq. Range(-10dB)	45 Hz -125 Hz
Max Calculated SPL	128 dB
Crossover Frequency	100Hz, L-R 24dB/Oct
Connectors	Input: Female XLR Output: Male XLR Loop Through: Male XLR
AC Input	Male IEC
AC Power Requirement (depends on region)	115V, 50 Hz/60 Hz 230V, 50 Hz/60 Hz
Enclosure Material	Polypropylene
Suspension	5 Forged Steel Eyebolts: Top x 2, Bottom x 2 and 1 on rear of enclosure
Finish/Color	Black
Transducers/ Replacement Parts	LF: L12E 12" (305mm) Ferrite driver
Dimensions(HxWxD)	62.3 x 37.8 x 36.3 (cm) 24.5 x 14.9 x 14.3 (in.)
Net Weight	20.4 kg (44.9 lbs)
Shipping Weight	23 kg (50.7 lbs)

General Description

The Superlux SF12AS powered subwoofer is the ideal solution where big sound and compact portability are required. Combining the amazing low-frequency performance of an Superlux L12E subwoofer driver with high-efficiency 500 Watt amplifier channel and an electronic crossover, the SF12AS eliminates the need for a separate crossover to drive a full-range system. Through the satellite speaker output, the performance match SF12A 12" active full range loudspeaker can be connected to SF12AS. A line level XLR output is also provided for daisy chaining to powered speakers or additional power amps. Combing with SF12A 12" full range speaker, the SF12AS creates an extended low frequency response and comes a big full sound from a very small package. The result is a compact, self-contained 3-way system that sounds much bigger than it looks.

Features

- 500W(RMS) Class-D power amplifiers
- Very compact and lightweight - only 20.4kg (44.9 lbs)
- Integral handle
- Aluminum cast frame L12E 12-inch high power subwoofer driver
- Integral electronic crossover - no additional amplifier or crossover needed
- XLR line level outputs for loop through and satellite output
- SF12A 12" full range speaker is a performance match for SF12AS

SF12AS Part Numbers

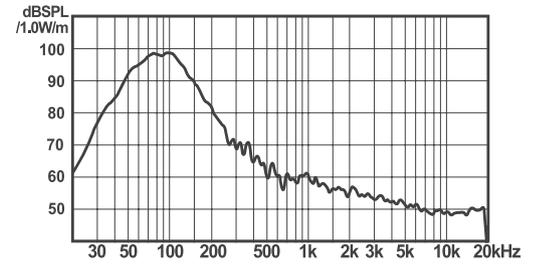
- 120V WH0SF12AS0100
- 230V WH0SF12AS0101

Rear Panel

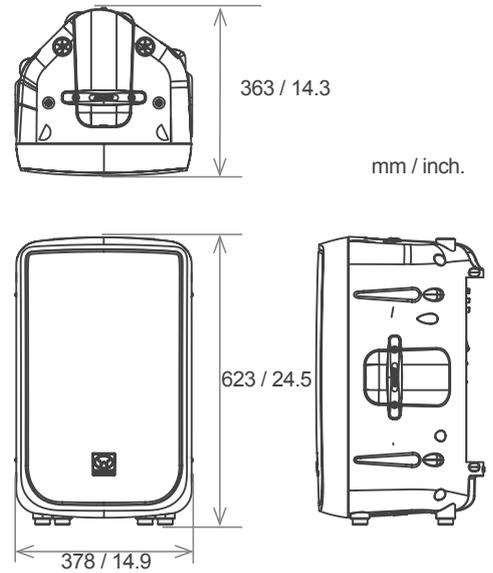


- [L]** The limiter indicator will light up when input level control is set too high to cause distortion. Turn down the level control till the distortion is gone to make sure you get the best performance from the speaker.
- [S]** The signal indicator will light up while there is signal sent to SF12AS from a mixer or signal processor.
- [K]** This control will determine the line input level to be sent to built-in power amplifier. Set the knob to appropriate position to avoid over-drive the speaker.
- [X]** The satellite output is for connecting to a full range speaker like SF12A.
- [E]** The loop through output is duplicated from the input for connecting to another active speakers.
- [F]** This XLR input is for line signal from a mixer or signal processor.

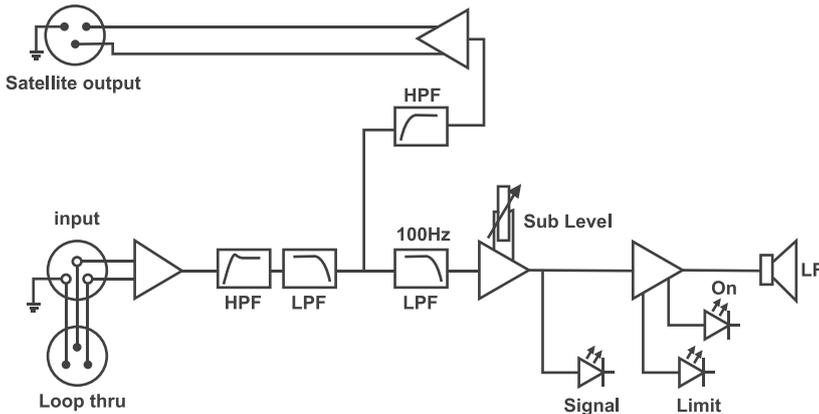
Frequency Response



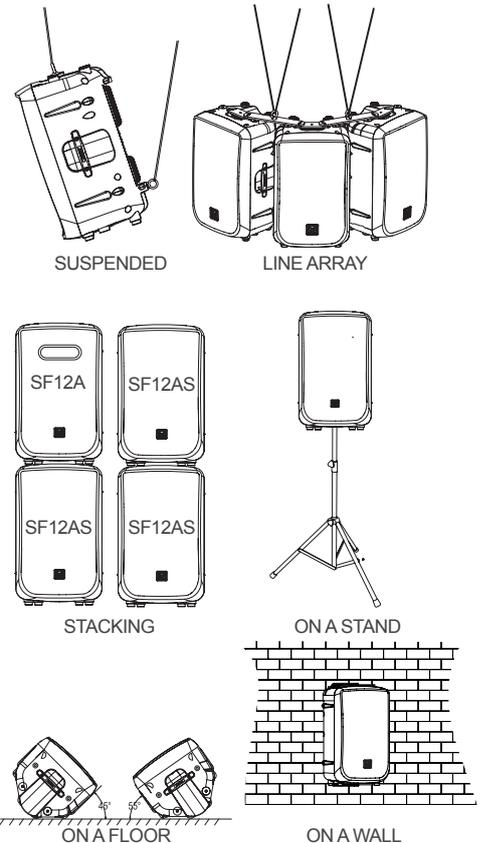
Dimension



Block Diagram



Installation & Placement



Performance Match

SF12A, 12" Full Range Active Sound Reinforcement Loudspeaker



Optional Accessories

U-Bracket Kit model# AX112



Connecting Plate for horizontal array model# AX112AR

