

# SF112A

## 12" 2-WAY SOUND REINFORCEMENT LOUDSPEAKER

The SF112A is a 12" 2-way powerful and reliable loudspeaker. With its high-current capacity amplifiers, high-output 1.75" titanium diaphragm compression driver, and special magnet heat radiator woofer, they produce an even smoother sound than the original. Our design goal was to build a sound reinforcement speaker with:

- High output, most reliable and accurate playback.
- Very wide, smooth dispersion of mid and high frequencies.
- Light weight and ergonomical design for easy transport.

Through the combined resources of our analog engineers, and our experienced transducer engineers, and the the result is a highly impact sound reinforcement system which will amaze your hearing experience.

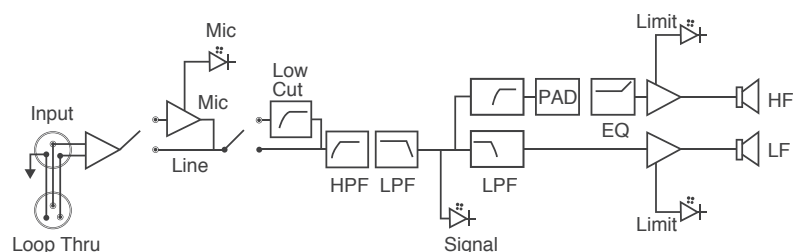
### Features

- 2-way bi-amplified, Active loudspeaker system
- 300W class-D, LF amp / 100W HF amp
- High-output precision titanium compression driver
- Neodymium long-throw low frequency transducer
- Built-in 24dB LR electronic crossover
- Mic/line input and pass-thru connector
- Lightweight molded composite cabinet
- 45 or 55 degree angles for aiming up toward performers when used as a floor monitor
- Flyable, pole mountable, floor wedge-able, stackable, and wall mountable
- Optional subwoofer to extend very low frequency response

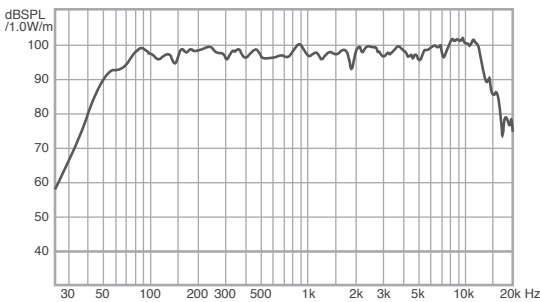
### Specifications

Type	12" 2-way, Active
LF Power Amp (RMS)	300 Watt (Class D)
HF Power Amp(RMS)	100 Watt (Class AB)
Frequency Response (-3dB)	50 - 15KHz
Max. SPL / 1m	128 dB
Input Type	Balanced Differential Line
Input/Output Impedance	Line: 20k ohms; Mic: 2k ohms
Input Sensitivity	Line: 1.23V (+4dBu)
LF Transducer	L12FN, 12" (304 mm), Neodymium
HF Transducer	H44F, 1.75" (44 mm), Ferrite
Coverage (nominal -6dB) V degree	45 degrees
Coverage (nominal -6dB) H degree	90 degrees
Connectors	Input: 1x XLR-F Output: 1x XLR-M
Flying	M8, 5 Forged Steel eyebolts: Top x2, Bottom x2 and 1 on rear of enclosure
Handles	1 on top, 1 on side
Enclosure Material	Polypropylene (PP)
Color	Black
AC Input	Female IEC
AC Power Requirement	115V, 50/60Hz; 230V, 50/60Hz, depends on country
Dimensions (HxWxD)	62.5 x 38 x 37 cm 24.6 x 15 x 14.6 in.
Net Weight	19.6 Kg (43.2 lbs)

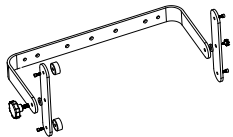
### Block Diagram



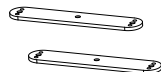
### Frequency Response



### Optional Accessories



AX112  
U-Bracket for SF112A



AX112AR  
Line Array Kit

### Applications

