

# F1 Model 812 Passive

## Flexible Array Loudspeaker



### Key Features

- FLEX array: Bose® exclusive flexible baffle can be configured into four unique shapes, allowing you to choose the best possible coverage pattern for the application
- Eight-driver mid/high line array: Eight vertically mounted drivers, each mounted on a custom waveguide, help deliver wide, consistent coverage
- 12-inch LF driver: High-performance woofer provides strong low-frequency output
- 127 dB peak SPL: For sound-reinforcement and foreground music
- 43 Hz - 20 kHz frequency range: Eliminates need for subwoofers for moderate full-range music levels
- Rugged enclosure: With six M8 threaded insert points that can be combined with a full suite of optional mounting accessories.
- Integrated pole mount: For use with standard tripod speaker stands
- Requires active equalization



### Product Overview

The Bose® F1 Model 812 Passive Flexible Array Loudspeaker is a small-format full range sound reinforcement loudspeaker with a flexible array that lets you control its vertical coverage pattern. Simply push or pull the flexible array into position to create “Straight,” “C,” “J,” or “Reverse-J” coverage patterns, letting you tailor the loudspeaker’s vertical coverage to a variety of environments and mounting locations.

Engineered with a flexible array of eight high-output mid/high drivers, a high-powered 12-inch woofer, 43 Hz low frequency range and a lower crossover point, the loudspeaker delivers high SPL performance while maintaining vocal and midrange clarity. The F1 Model 812 Passive is intended for use in small to medium sized indoor installations and can also be used in portable applications.

### Technical Specifications

#### System Performance

System Type	Two-way
Frequency Response (-3 dB)	52 Hz - 16 kHz
Frequency Range (-10 dB)	43 Hz - 20 kHz
Nominal Dispersion	100° H x 40° V (C-position)
Maximum SPL @ 1 m	121 dB SPL (127 dB SPL peak)
Sensitivity (SPL / 1 W @ 1 m)	96 dB SPL
Long-term Power Handling	300 W (1200 W peak)
Nominal Impedance	8Ω

#### Transducers

Driver Complement	8 x 2.25" mid-high drivers; 1 x 12" LF driver
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#### Physical

Connectors	(2) parallel-wired NL4 Neutrik® Speakon® connectors, four-terminal barrier strip up to 12 gauge speaker wire
Suspension/Mounting	6 x M8 threaded inserts, 1 x 1-3/8" (35 mm) pole mount
Enclosure	High impact composite materials
Grille	Powder-coated perforated steel grille
Dimensions (H x W x D)	664.66 mm x 334.3 mm x 372.5 mm (26.1" x 13.1" x 14.6")
Net Weight	21.31 kg (47 lbs)

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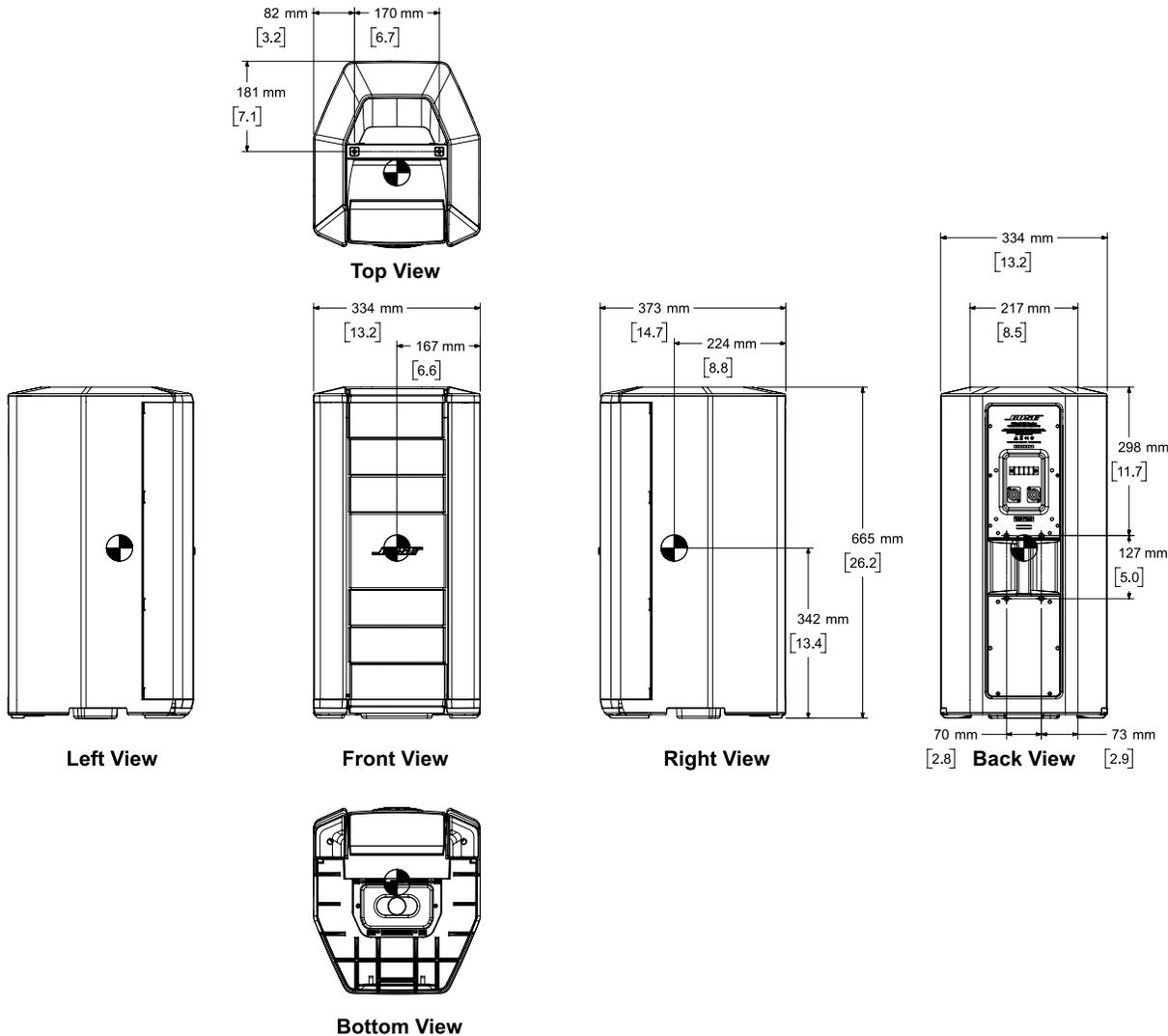


### Panel Diagram

1. Four-terminal barrier strip:  
For use with up to 12 gauge speaker wire
2. (2) NL4 Neutrik® Speakon® connectors



### Mechanical Drawings



PRELIMINARY TECHNICAL DATA SHEET

For additional specifications and application information, please visit [pro.bose.com](http://pro.bose.com). Specifications subject to change without notice.