

# F1 Subwoofer

## High Performance Bass Module



### Key Features

- High performance compact subwoofer: All the performance of a larger bass box in a more compact design that's lighter and easier to carry than conventional subwoofers
- High-excursion 10-inch drivers: 2 woofers provide deep impactful bass
- Integrated mounting stand: Built-in stand is stored in the rear of the subwoofer making set up fast and easy—includes cable channels to neatly hide wires
- Line output EQ: Output can be set to THRU (full range) or HPF (high pass filter) allowing for easy crossover selection when used with a main loudspeaker



### Product Overview

With 1,000 watts of power, the Bose F1 Subwoofer packs all the performance of a larger bass box into a more compact design that's easier to carry and fits in a car. A mounting stand for the Bose F1 Model 812 Flexible Array Loudspeaker is integrated right into the body of the subwoofer, so you always know where it is, making setup fast and easy. The stand even includes cable channels to neatly hide the wires, giving your system a clean, professional look. And now getting your unit to the venue is easier, too. The F1 Subwoofer features strategically placed handles for easy transport.

### Technical Specifications

<b>System Performance</b>	
System Type	Self powered
Frequency Response (-3 dB)	40 Hz - 250Hz
Frequency Range (-10 dB)	38 Hz - 250Hz
Nominal Dispersion	Omni-directional
Maximum SPL @ 1 m	124 dB SPL (130 dB SPL peak)
Crossover Frequency	40 Hz – 100 Hz Butterworth Bandpass, 100 Hz 4th order Butterworth HPF at Line Out
<b>Amplification</b>	
System Power	1000 W
Distortion at Rated Power	0.1% Max (30 Hz - 15 kHz)
System Limiter	Dynamic limiter
<b>Transducers</b>	
Driver Compliment	2 x 10" high-excursion drivers
<b>Inputs</b>	
Front Power Indicator	Blue LED: system on
Rear Indicators	POWER/FAULT, LIMIT, FRONT LED, SIGNAL INPUT
Input Connections	2 XLR - 1/4" Combo
Channel Gain	0 dB Gain: Line Input to Line Output (Not affected by Volume setting)
Maximum Input Signal	+24 dBu
Input Impedance	10 kΩ
Controls	Volume level, Front LED function select, Power on/off, Polarity select, Line output EQ
<b>Additional Connections</b>	
Line Output	2 x XLR balanced
Nominal Signal	+2.2 dBu
Maximum Signal	+24 dBu
AC Mains	IEC Connector
<b>Physical</b>	
Enclosure	Wood cabinet with high impact composite end caps
Grille	Powder-coated perforated steel grille
Dimensions (H x W x D)	688 mm x 410.16 mm x 448.5 mm (27" x 16.1" x 17.6")
Net Weight	25.9 kg (57 lbs)
<b>Power Supply Voltages</b>	
Universal	AC power rating: 100-240 V, 50 / 60 Hz +/- 20 %, 200 W max

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**BOSE**

TECHNICAL DATA SHEET

### Inputs



- FRONT LED** – selector switch that controls LED
  - POWER enables LED to indicate power status
  - LIMIT enables LED to indicate limiting
  - OFF turns off LED
- POWER/FAULT** – indicates power/fault status
  - Blue = power on
  - Red = fault condition
- LIMIT** – AMBER = system limiting
- SIGNAL/CLIP** – displays the input signal status in color
  - Green = signal present
  - Red = signal clipping
- VOLUME** – adjusts output volume
- LINE OUTPUT EQ**
  - THRU passes input signal to the output with no filtering
  - HPF passes input through a high-pass filter
- POLARITY**
  - NORM allows normal operation
  - REV removes low-frequency overlap with the F1 Model 812 loudspeaker
- LINE OUTPUT 1/2** – provides an XLR balanced line output signal that can be sent to a powered loudspeaker or additional subwoofer
- LINE INPUT 1/2** – combination XLR or 1/4" connector that accepts line level inputs
- AC** – input connector
- POWER** – on/off switch

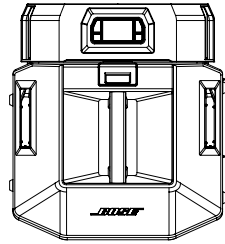
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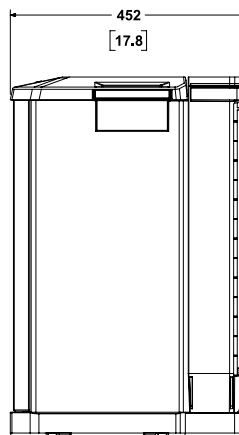


### Mechanical Drawings

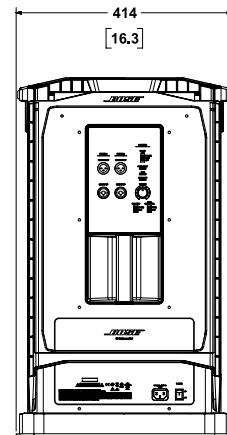
TECHNICAL DATA SHEET



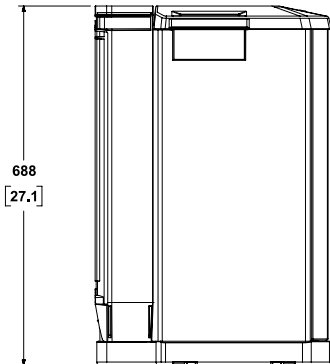
Top View



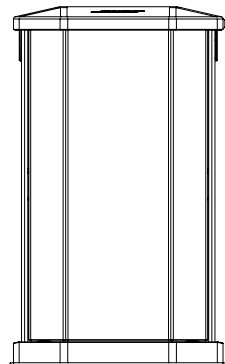
Right View



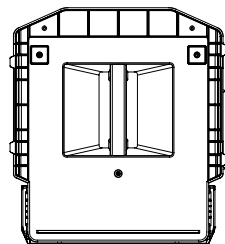
Back View



Left View



Front View



Bottom View

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