



**BOSE**

# **Bose Professional PA Systems**

COVERAGE. PORTABILITY. PERFORMANCE.





## Coverage matters.

As a performer, you're only as good as what your audience hears. Yet so many times, the venue you play in can dramatically affect the sound of your performance. For decades, tour-sound professionals have used line array systems to overcome coverage challenges found in stadiums, arenas and concert halls. However, for working musicians, DJs and other performers, there has never been a way to get consistent, even coverage and quality sound from a system you can easily take from gig to gig. Until now.

## Thinking like engineers. Seeing like performers.

Bose engineers looked at the challenge differently: from the stage. From the club floor. From the corner of the pub. From those perspectives, they could understand what could help working musicians and performers connect better with their audiences.

The result is a family of portable PA systems for nearly any performer. From solo musicians to mobile DJs to full bands. With innovative design and unique technologies, Bose portable PA systems offer what many conventional PA systems can't.

- Patented technology to help eliminate unwanted reflections

- Higher vocal projection and speech clarity

- Wider horizontal dispersion for consistent coverage over large areas

- Consistent tonal balance throughout the audience

- Stronger output levels over longer distances

- Reduced vulnerability to feedback

- Easy setup and high portability

- Rugged design for years of use

- Outstanding customer support



## F1 FLEXIBLE ARRAY

LOUDSPEAKER SYSTEM

### High performance and flexibility.

The Bose® F1 Model 812 Flexible Array Loudspeaker is the first powered portable loudspeaker that lets you control its vertical coverage pattern. So no matter what kind of room you're in, you have the right coverage.

#### F1 Model 812 loudspeaker

- High-output main PA for bands, DJs and general-purpose use
- 1000-watt, full-range loudspeaker
- Flexible vertical control with 100° horizontal coverage
- Unique flexible array provides four coverage patterns
- One 12" woofer and eight 2.25" drivers

#### F1 Subwoofer (sold separately)

- 1000 watts of power
- Two 10" high-excursion woofers
- Compact, lightweight design
- Integrated mounting stand for F1 Model 812 loudspeaker





## L1® PORTABLE

LINE ARRAY SYSTEMS

### Portability and easy setup.

Using proprietary Bose® technology, L1 systems combine PA and monitors into a single, highly portable unit. The loudspeaker can be positioned behind or to the side—and you hear what the audience hears.

- Highly portable PA and monitor combined for solo performers, DJs and general-purpose use
- Fixed vertical control with 180° horizontal coverage
- Reduced vulnerability to feedback
- Three systems to choose from (Compact, Model 1S, Model II)
- Two passive bass module options (B1 or B2)
- Consistent coverage and tonal balance



## S1 PRO

MULTI-POSITION PA SYSTEM

### Go-anywhere PA.

Sound great anywhere with the ultra-portable Bose® S1 Pro Multi-Position PA system. Designed for musicians, DJs, and general PA use, the S1 Pro is the ultimate all-in-one PA, floor monitor, practice amplifier and primary music system.

- High-output sound from a small, convenient system that is ready to perform whenever and wherever you are
- Lightweight, ultra-portable enclosure (6.8 kg/15 lbs) is designed to transport effortlessly using the convenient carry-handle
- Onboard 3-channel mixer offers independent ToneMatch®, reverb, and EQ controls on two channels, with a dedicated channel for either wired (3.5 mm) or wireless music sources
- Wireless *Bluetooth*® streaming from your mobile device, with one-touch pairing
- Multiple positions with Auto EQ ensure that you always sound your best, regardless of placement orientation
- Speaker stand compatible with standard 35 mm pole mounts
- Optional rechargeable lithium-ion battery allows you to perform anywhere for hours



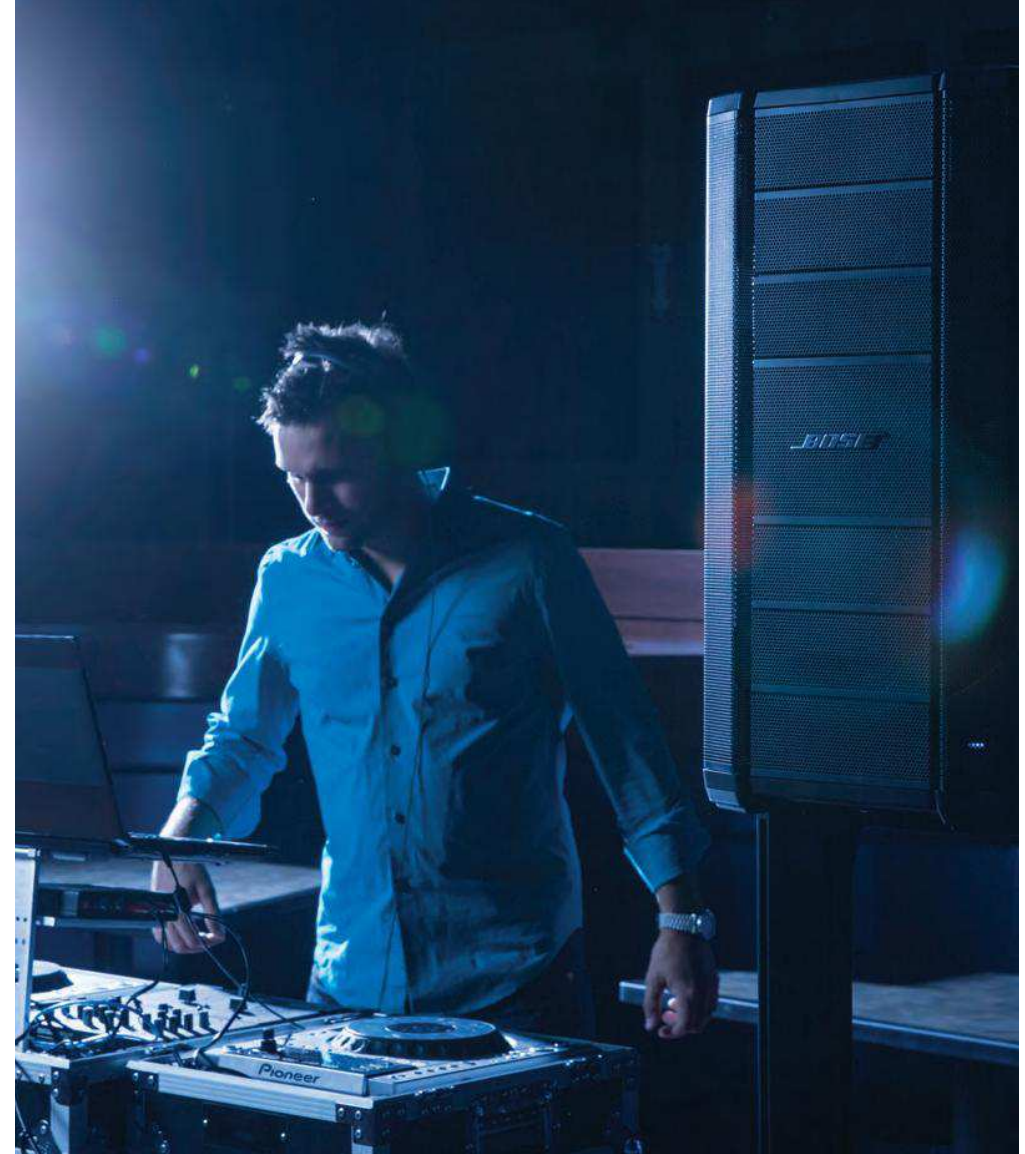
Monitor mode

# THE BOSE® F1 MODEL 812

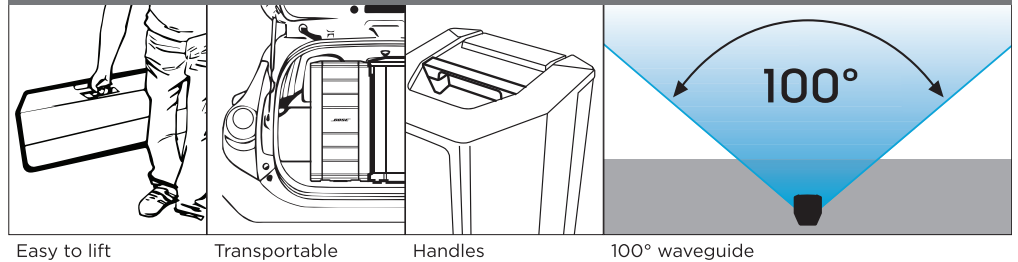
FLEXIBLE ARRAY LOUDSPEAKER

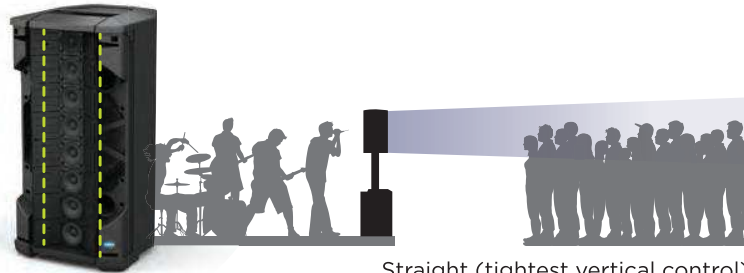
## High power, flexible coverage and easy setup.

The Bose F1 Model 812 Flexible Array Loudspeaker is the first powered portable loudspeaker that lets you control its vertical coverage pattern. So whether you're playing at floor level, on a stage, or facing raked seats or bleachers, you can now adapt your PA to match the room and ensure every audience member hears the performance the way you want them to. For extended bass response, the Bose F1 Subwoofer packs all the power 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 loudspeaker is stored right in the body of the subwoofer, making setup fast and easy. The stand even includes cable channels to neatly hide the wires. Plus, the loudspeaker and subwoofer feature highly durable, lightweight composite enclosures to ensure easy transport and years of reliability.

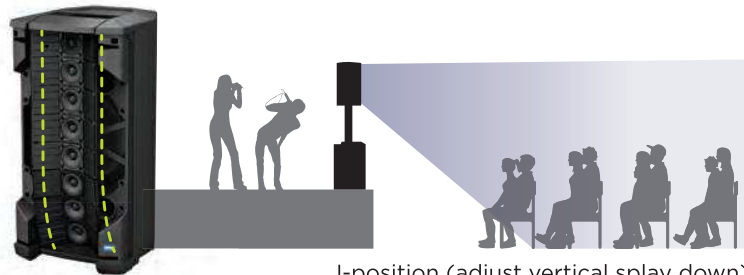


### System benefits

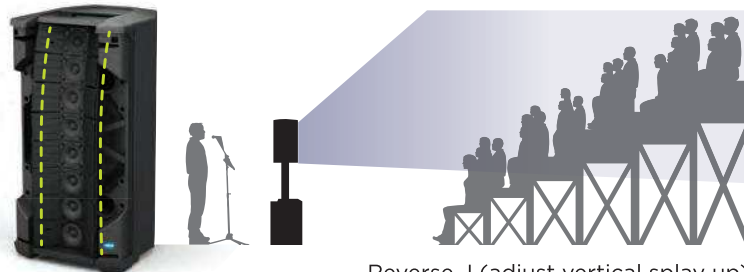




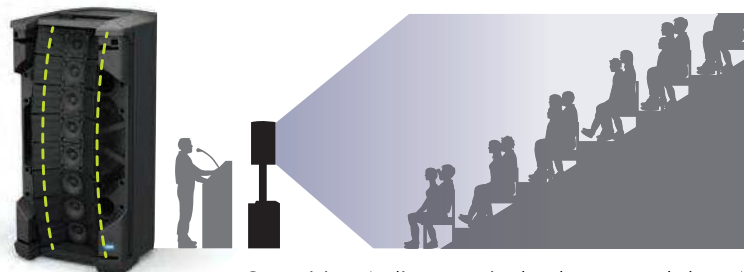
**Straight (tightest vertical control)**  
Tight vertical coverage to focus sound on the audience.



**J-position (adjust vertical splay down)**  
Directs sound down but not up.



**Reverse J (adjust vertical splay up)**  
Directs sound up but not down.



**C-position (adjust vertical splay up and down)**  
The most liberal vertical coverage. Spreads sound up and down.



## Shape your sound.

The Bose® F1 Model 812 Loudspeaker with FLEX Array technology lets you choose the coverage you need for the venue you're in.



L1 Compact

L1 Model II and  
B2 Bass Module

L1 Model 1S and  
B1 Bass Module

## L1® PORTABLE LINE ARRAY SYSTEMS

### Focus less on your gear, more on your music.

L1 portable line array systems provide an approach to live sound that's different from other systems. Using proprietary Bose® technology, L1 systems combine PA and monitors into a single, highly portable unit. The loudspeaker can be positioned behind or to the side of the performer—and you hear what the audience hears.

L1 systems feature a unique and highly effective vertical design: a column of closely spaced small speakers mounted in a slim enclosure. An L1 loudspeaker projects sound waves forward and to the sides—delivering 180-degree coverage—but very little up and down, reducing unwanted room reverberation. The amplified sound spreads out more evenly across the stage and into the audience, and the volume level drops off much more slowly than with a conventional speaker. Lightweight, interlocking components are easy to transport and set up. And the distinctive vertical loudspeaker enclosures don't require separate speaker stands.

#### L1 Bass extension options



B1 Bass Module



B2 Bass Module



PackLite® Power  
Amplifier Model A1



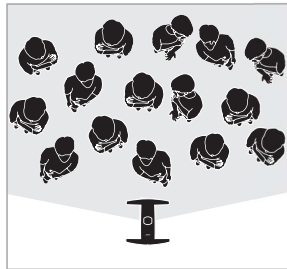
## Wide, even coverage.

L1® articulated line array systems provide 180 degrees of horizontal sound coverage and simultaneously deliver extremely tight vertical control, resulting in less drop-off in volume over distance as compared to conventional loudspeakers.

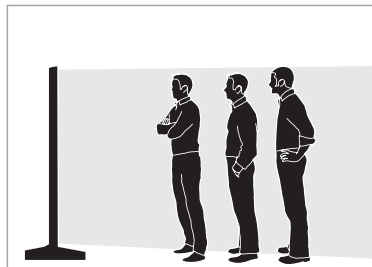


### L1® Model II system

Audience up to 500



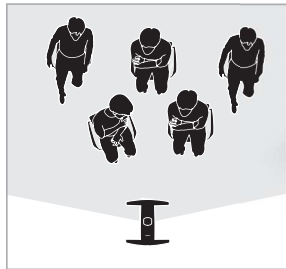
Top



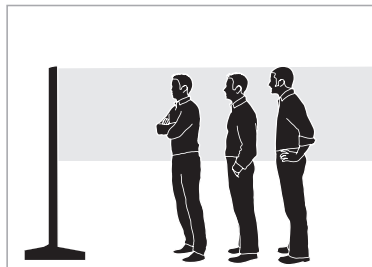
Side

### L1® Model 1S system

Audience up to 300



Top

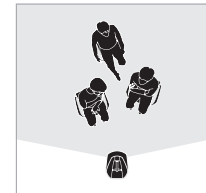


Side

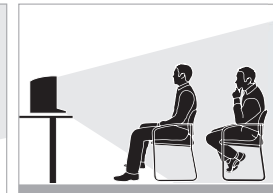
### L1® Compact system

Audience up to 100

**Collapsed tabletop**



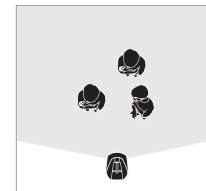
Top



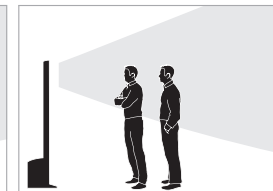
Side



**Extended position**



Top



Side

## S1 PRO

MULTI-POSITION PA SYSTEM

### Sound like a pro. Anywhere.

Sound great anywhere with the Bose S1 Pro Multi-Position PA system. Designed for musicians, DJs, and general PA use, the S1 Pro is the ultimate all-in-one PA, floor monitor, practice amplifier and primary music system.

At 6.8 kg (15 lbs), the ultra-portable and rugged S1 Pro is lightweight and designed to transport effortlessly using the convenient carry-handle. Perform anywhere for hours with the S1 Pro using the optional lithium-ion rechargeable battery.



S1 Pro



S1 battery pack  
(optional accessory)



## Ready to play.

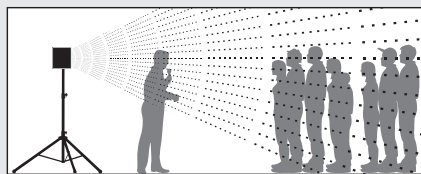
The system features multiple positions that are designed to ensure that you always sound your best. So, whether you place the S1 Pro on the floor, on a table, or even mounted on a speaker stand, the system's coverage matches your specific playing application. Additionally, Auto EQ maintains optimum sound in any orientation.

The S1 Pro comes with a full-featured, 3-channel mixer with reverb, tone controls, and a line-out for connecting to other systems. Play music from your mobile device easily using *Bluetooth*<sup>®</sup> streaming and get great sound quickly using integrated *ToneMatch*<sup>®</sup> processing for microphones and acoustic guitars.

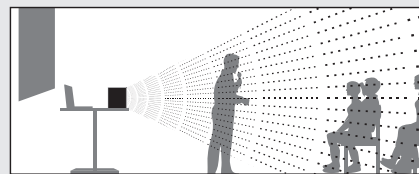
Finally, a small system that delivers on the combination of performance, portability and versatility. The Bose S1 Pro system: a true companion for nearly any event, ready to perform whenever and wherever you need it.



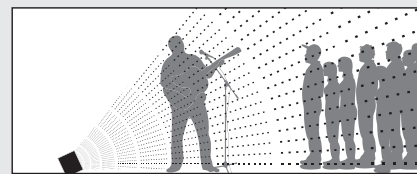
### Coverage patterns



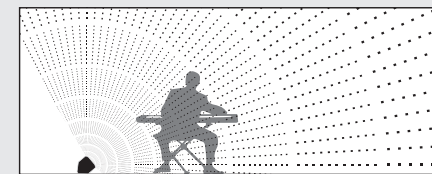
Speaker stand



Elevated surface





Tilt-back



Monitor

**BOSE® PORTABLE**  
SOUND SYSTEMS

**Product comparison overview**

	 <b>F1 Model 812 Flexible Array Loudspeaker System</b>	 <b>L1 Model II system</b>
Positioning	Our most powerful and flexible system. Full-range loudspeaker with 8-driver flexible array, 12" woofer, powerful amplifier and optional F1 Subwoofer.	Our most advanced L1 system featuring our 24-speaker articulated line array providing our best tonal balance, coverage and high output.
Acoustic performance	The F1 Model 812 Flexible Array loudspeaker provides 100 degrees of horizontal coverage and 4 selectable vertical coverage patterns. The loudspeaker delivers high SPL performance while maintaining vocal and midrange clarity that is dramatically better than conventional powered loudspeakers.	The articulated 24-speaker line array provides 180 degrees of horizontal sound coverage while at the same time offering extremely tight vertical control resulting in less drop-off in volume over distance than conventional loudspeakers.
Coverage	100° H x 40° V (C-position)	180° H x 0° V
Max SPL	F1 Model 812: 126 dB (Cont.), 132 dB (Peak) F1 Subwoofer: 124 dB (Cont.), 130 dB (Peak)	115 dB (Cont.), 121 dB (Peak)
Low frequency (-3 dB)	F1 Model 812: 52 Hz F1 Subwoofer: 40 Hz	40 Hz
Bass	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 Model II power stand can drive two B1 bass modules or a single B2 bass module. It also features a dedicated bass line out allowing it to be used with the A1 PackLite® amplifier to add two additional B1 bass modules or an additional B2 bass module.
I/O	2 input integrated mixer 1 x XLR combo input (CH-1) 1 x line level/mic select (CH-1) 1 x RCA input (CH-2) 1 x ¼" input (CH-2) 1 x HPF 1 x XLR line output Independent connections on F1 Sub	1 x ¼" analog input 1 x NL4 bass module out 1 x ToneMatch® port 1 x trim control 1 x power switch 1 x ¼" bass line out
System includes	F1 Model 812 Flexible Array Loudspeaker F1 Subwoofer with integrated stand	L1 Model II top and bottom loudspeaker arrays L1 Model II system power stand Protective carrying bags/covers B1 or B2 bass module with cable and slip cover

**L1 Model 1S system****L1 Compact system****S1 Pro system**

A unique combination of performance and portability that includes our 12-speaker articulated line array providing smooth tonal balance, coverage and high output.

Our smallest, lightest and easiest-to-set-up L1 system, featuring a 6-speaker curved articulated line array providing smooth tonal balance and coverage, weighing just 29 pounds.

Designed for musicians, DJs, and general PA use, the S1 Pro is the ultimate all-in-one PA, floor monitor and practice amplifier that's ready to be your go-anywhere *Bluetooth*® music system for nearly any occasion.

The 12-speaker articulated line array provides 180 degrees of horizontal sound coverage while at the same time offering tight vertical control, resulting in less drop-off in volume over distance than conventional loudspeakers.

The L1 Compact loudspeaker array is smaller than those in the L1 Model 1S and Model II systems, yet produces comparable horizontal sound coverage. The L1 Model 1S and Model II systems project sound further and with less volume drop-off than conventional loudspeakers.

Multiple positions with Auto EQ allow the S1 Pro to be set down on the floor, up on a table, or even mounted on a speaker stand, ensuring that you always sound your best.

180° H x 10° V

180° H x 40° V

100° H x 40° V

112 dB (Cont.), 118 dB (Peak)

106 dB (Cont.), 112 dB (Peak)

103 dB (Cont.), 109 dB (Peak)

40 Hz

65 Hz

70 Hz

The Model 1S power stand can drive two B1s or a single B2 bass module.

The L1 Compact system features an integrated bass speaker in the power stand. It is not compatible with the B1 or B2 bass modules.

The S1 Pro system features an integrated bass speaker.

1 x ¼" analog input  
1 x NL4 bass module out  
1 x ToneMatch port  
1 x trim control  
1 x power switch

1 x microphone input  
1 x ⅛" analog input  
1 x RCA stereo input  
1 x ¼" analog input  
1 ¼" mono analog output  
1 x RCA output

2 x Combination XLR-¼" inputs  
1 x 3.5 mm (⅛") Aux input or *Bluetooth*  
1 x ¼" TRS analog output

L1 Model 1S top array and bottom extension  
L1 Model 1S power stand  
Protective carrying bags/covers  
B1 or B2 bass module with cable and slip cover

L1 Compact loudspeaker array  
L1 Compact system power stand with slip cover  
L1 Compact system extensions with protective carry bag

S1 Pro system  
Slip cover

# TONEMATCH®

MIXERS

## Unprecedented control, processing and portability.

Take control of your music with T4S and T8S ToneMatch® mixers, compact 4 and 8 channel interfaces designed for performers. Engineered with powerful DSP engines and intuitive user controls, they offer studio-quality EQ, dynamics and effects processing. Sound great with integrated Bose® ToneMatch® processing and zEQ, especially when connected to a Bose L1 or F1 system for full end-to-end tonal control. Play confidently on stage with these rugged ToneMatch mixers using tactile controls, easy-to-read LED displays and scene recall. ToneMatch mixers, the ultimate on-stage companions for performing artists.

### Powerful audio processing

Updated, studio-quality effects with advanced digital audio processing

High-quality effects include compressor, limiter, de-esser, noise gate, chorus, flanger, phaser, tremolo, delay, and reverb

Bose® ToneMatch® processing for natural-sounding vocals and instruments

zEQ focuses the sound of ToneMatch presets for effective adjustments on the fly

Independent ToneMatch, EQ, dynamics and effects per channel

Dedicated reverb for Aux sends, and a global shared reverb for use across all channels

Master output EQ helps compensate for venue acoustics

Full end-to-end tonal optimization when used with Bose L1 and F1 systems



T4S



T8S



### **Seamless live control**

Tactile controls and indicators designed for live on-stage use by musicians and DJs

Fast-learning user interface

Built-in tap tempo delay, chromatic tuner, and recallable scenes

LED display and illuminated controls are easy to read and use, even on dimly-lit stages



### **High-density connectivity**

Unprecedented connectivity and control in a small digital stereo mixer

Four (T4S) or eight (T8S) high-quality audio preamps with XLR-combo jacks for microphones or instruments, and switchable phantom power

Two Aux inputs for additional sources with two (T4S) or four (T8S) Aux sends

USB-A and -B for USB drive playback or PC/Mac interfacing

ToneMatch outputs for digital audio and power (T4S only)

Balanced ¼" TRS and XLR (T8S only) stereo outputs

Independent headphone output



### **Convenient gig-ready features**

Rugged enclosure with a protective magnetic cover to protect controls and connectors

Includes a ToneMatch cable for connecting to a Bose L1 Model II or L1 Model 1S system for digital audio and power (T4S), or includes a universal power supply (T8S)

Bottom insert allows you to use standard mounting accessories to keep your ToneMatch mixer within reach



**A variety of systems for a variety of performers.**



Full bands






Solo performers

## About Bose Professional

Professional sound systems demand an uncommon expertise and specialized products. Bose Professional is a dedicated group of engineers, product managers, technical support specialists and customer service teams that are focused on the professional audio markets. For more than three decades, the Professional Division has developed innovative loudspeakers, electronics and software to meet the needs of demanding professional applications.

Bose Professional products are sold only through authorized pro-audio dealers, AV-system integrators and distributors. We provide substantial support for our distribution network, including product technical information, system design support and after-sale support. Bose sound is found throughout the world in performing arts centers, theaters, houses of worship, stadiums, restaurants, retail stores, corporate buildings and hospitality establishments.



Mobile DJs

# About Bose Corporation

Bose Corporation was founded in 1964 by Dr. Amar G. Bose, professor at the Massachusetts Institute of Technology. Today, the company is primarily known for its research in acoustics, which has produced inventions that have improved the performance of:

Loudspeakers

Home entertainment systems

Automotive music systems designed for the interior acoustics of each car model (first introduced by Bose)

Noise reducing headsets for pilots and the public (first introduced by Bose)

Sound in public spaces

The production of sound for musicians requiring electronic amplification of their instruments

Materials testing and durability simulation instruments for biomedical applications





