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

Coverage matters.
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 wherever and whenever you are
- Lightweight, ultra-portable enclosure (21 kg/46.3 lbs) is designed to transport effortlessly using the convenient carry-handle
- Rechargeable lithium-ion battery allows you to perform anywhere for hours
- 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 Automatic EQ ensure that you always sound your best, regardless of placement orientation
- Speaker stand compatible with standard 35 mm pole mounts
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.

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.

System benefits

- Easy to lift
- Transportable
- Flexible
- 100° coverage

F1 Model 812

- 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

F1 Subwoofer

- Tight vertical coverage to focus sound on the audience
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.

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.
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 7.1 kg (15.7 lbs), the ultra-portable and rugged S1 Pro is lightweight and designed to transport effortlessly using the convenient carry-handle or the optional S1 Pro Backpack accessory. Perform anywhere for hours with the S1 Pro using the lithium-ion rechargeable battery.

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® streaming and get great sound quickly using integrated ToneMatch® processing for microphones and acoustic guitars. Download the Bose® Connect app to access additional options and features like Stereo Mode, so that you can wirelessly stream audio to a second system for even more output.

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.
# Product comparison overview

<table>
<thead>
<tr>
<th>Positioning</th>
<th>F1 Model 812 Flexible Array Loudspeaker System</th>
<th>L3 Model II system</th>
<th>L3 Model IS system</th>
<th>L3 Compact system</th>
<th>S1 Pro system</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our most powerful and flexible system. Full-range loudspeaker featuring a 6-driver, powerful amplifier and system in a compact, lightweight, easy-to-set-up design.</td>
<td>Our most advanced L3 system featuring 26 speaker articulated line array providing 90 degrees of horizontal coverage and 100 degrees of vertical coverage, high output.</td>
<td>A unique combination of performance and capability that's perfect for mediumsized venues providing smooth sound with wider coverage and high output.</td>
<td>Our smallest, lightest and easiest-to-set-up L3 system, featuring 108 speaker articulated line array providing 120 degrees of horizontal coverage and high output.</td>
<td>Designed for maximum, 360° sound coverage and engineered to fit under ITAP® pedestals.</td>
<td>Designed for maximum, 360° sound coverage and engineered to fit under ITAP® pedestals.</td>
</tr>
</tbody>
</table>

| Acoustic performance | The F1 Model 812 Flexible Array loudspeaker provides 150 degrees of horizontal sound coverage while at the same time retaining excellent vertical control. | 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. | The 10 speaker articulated 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. | The L1 Compact loudspeaker array is smaller than those in the L1 Model II and Model IS systems, yet provides comparable horizontal sound coverage. | Multiple positions with DCS 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. |

<table>
<thead>
<tr>
<th>Coverage</th>
<th>100° H x 40° V (C-position)</th>
<th>180° H x 0° V</th>
<th>180° H x 10° V</th>
<th>180° H x 40° V</th>
<th>120° H x 50° V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max SPL</td>
<td>F1 Model 812: 126 dB (Cont.), 132 dB (Peak)</td>
<td>F1 Subwoofer: 115 dB (Cont.), 121 dB (Peak)</td>
<td>L1 Model II: 112 dB (Cont.), 118 dB (Peak)</td>
<td>L1 Model IS: 106 dB (Cont.), 112 dB (Peak)</td>
<td>S1 Pro: 103 dB (Cont.), 109 dB (Peak)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Low frequency (-3 dB)</th>
<th>F1 Model 812: 52 Hz</th>
<th>F1 Subwoofer: 40 Hz</th>
<th>L1 Model II: 65 Hz</th>
<th>L1 Model IS: 62 Hz</th>
<th>L1 Compact: 62 Hz</th>
</tr>
</thead>
</table>

| Bass | With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement. | With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement. | With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement. | With 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement. | With 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement. |

<table>
<thead>
<tr>
<th>I/O</th>
<th>2 x 1/4&quot; in.</th>
<th>1 x 3.5mm (1/8&quot;) in. or Bluetooth</th>
<th>1 x ¼&quot; TRS analog output</th>
<th>2 x Combination XLR-1/4&quot; in.</th>
<th>2 x Combination XLR-1/4&quot; in.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>System Includes</th>
<th>F1 Model 812 Flexible Array Loudspeaker</th>
<th>Subwoofer with integrated stand</th>
<th>F1 Subwoofer with integrated stand</th>
<th>L1 Model II top array and bottom extension</th>
<th>L1 Model IS top array and bottom extension</th>
</tr>
</thead>
</table>

**Bose® Portable Sound Systems**

- F1 Model 812 Flexible Array Loudspeaker System
- L3 Model II system
- L3 Model IS system
- L3 Compact system
- S1 Pro system

- Designed for maximum, 360° sound coverage and engineered to fit under ITAP® pedestals.
- Designed for maximum, 360° sound coverage and engineered to fit under ITAP® pedestals.
- Designed for maximum, 360° sound coverage and engineered to fit under ITAP® pedestals.
- Designed for maximum, 360° sound coverage and engineered to fit under ITAP® pedestals.
- Designed for maximum, 360° sound coverage and engineered to fit under ITAP® pedestals.

**Positioning**

- The F1 Model 812 Flexible Array loudspeaker provides 150 degrees of horizontal sound coverage while at the same time retaining excellent vertical control.
- 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.
- The 10 speaker articulated 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.
- The L1 Compact loudspeaker array is smaller than those in the L1 Model II and Model IS systems, yet provides comparable horizontal sound coverage.
- Multiple positions with DCS 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.

**Acoustic performance**

- With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.

**Coverage**

- 100° H x 40° V (C-position)
- 180° H x 0° V
- 180° H x 10° V
- 180° H x 40° V
- 120° H x 50° V

**Max SPL**

- F1 Model 812: 126 dB (Cont.), 132 dB (Peak)
- F1 Subwoofer: 115 dB (Cont.), 121 dB (Peak)
- L1 Model II: 112 dB (Cont.), 118 dB (Peak)
- L1 Model IS: 106 dB (Cont.), 112 dB (Peak)
- L1 Compact: 103 dB (Cont.), 109 dB (Peak)

**Low frequency (-3 dB)**

- F1 Model 812: 52 Hz
- F1 Subwoofer: 40 Hz
- L1 Model II: 65 Hz
- L1 Model IS: 62 Hz
- L1 Compact: 62 Hz

**Bass**

- With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 1200 Watts of power like Bose F1 Subwoofer packs, 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.
- With 6 independent speaker cabinets, 180 degrees of horizontal coverage, 40 Hz low frequency and designed to be in line with your Bose F1 Subwoofer, the S1 Pro is the perfect solution for live sound reinforcement.

**I/O**

- 2 x 1/4" in.
- 1 x 3.5mm (1/8") in. or Bluetooth
- 1 x microphone input
- 1 x 1/4" TRS analog output
- 1 x 1/4" mono analog output
- 1 x 1/8" Aux input or Bluetooth
- 1 x XLR-1/4" in.

**System Includes**

- F1 Model 812 Flexible Array Loudspeaker System
- Subwoofer with integrated stand

**Conclusion**

- Bose® Portable Sound Systems offer a wide range of options to meet the needs of various applications, from powerful and flexible systems to compact and portable solutions. Whether you need maximum sound coverage for events or efficient sound reinforcement for everyday use, there's a system that fits your needs.
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, F1 and S1 systems

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

- 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 1/4" 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 IS 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.

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 four 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.
About Bose Corporation

Bose Corporation was founded in 1964 by Dr. Amar G. Bose, then a professor of electrical engineering at the Massachusetts Institute of Technology. Today, the company is driven by its founding principles, investing in long-term research with one fundamental goal: to develop new technologies with real customer benefits. Bose innovations have spanned decades and industries, creating and transforming categories in audio and beyond. Bose products for the home, in the car, on the go and in public spaces have become iconic, changing the way people listen to music.

Bose Corporation is privately held. The company’s spirit of invention, passion for excellence, and commitment to extraordinary customer experiences can be found around the world—everywhere Bose does business.