## L1® PORTABLE LINE ARRAY SYSTEMS

The Bose® L1 portable line array systems use proprietary technology to deliver clear, powerful sound throughout the entire listening area – even off to the extreme sides.

### Quick Comparison Overview

<table>
<thead>
<tr>
<th></th>
<th>L1® Model II system</th>
<th>L1® Model 1S system</th>
<th>L1® Compact system</th>
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</thead>
<tbody>
<tr>
<td><strong>Positioning</strong></td>
<td>Our most advanced system featuring our 24-speaker articulated line array providing our best tonal balance, coverage, and highest output.</td>
<td>A unique combination of performance and portability that includes our 12-speaker articulated line array providing smooth tonal balance, coverage, and high output.</td>
<td>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.</td>
</tr>
<tr>
<td><strong>Audience size</strong></td>
<td>Up to 500</td>
<td>Up to 300</td>
<td>Up to 100</td>
</tr>
<tr>
<td><strong>Acoustic performance</strong></td>
<td>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 little drop off in volume over distance than conventional loudspeakers.</td>
<td>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.</td>
<td>The L1 Compact loudspeaker array is smaller than those in the L1 Model IS and Model II systems, yet produces comparable horizontal sound coverage. The L1 Model IS and Model II systems project sound further and with less volume drop-off than the L1 Compact system.</td>
</tr>
<tr>
<td><strong>Coverage</strong></td>
<td>180° H x 0° V</td>
<td>180° H x 10° V</td>
<td>180° H x 40° V</td>
</tr>
<tr>
<td><strong>Max SPL</strong></td>
<td>115 dB (Cont), 121 dB (Peak)</td>
<td>112 dB (Cont), 118 dB (Peak)</td>
<td>106 dB (Cont.), 112 dB (Peak)</td>
</tr>
<tr>
<td><strong>Low Frequency</strong></td>
<td>40 Hz</td>
<td></td>
<td>65 Hz</td>
</tr>
<tr>
<td><strong>Bass</strong></td>
<td>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.</td>
<td>The Model 1S power stand can drive two B1s or a single B2 bass module.</td>
<td>The L1 Compact system features an integrated bass speaker in the power stand. It is not compatible with the B1 or B2 bass modules.</td>
</tr>
<tr>
<td><strong>I/O</strong></td>
<td>• 1 x 1/4&quot; analog input &lt;br&gt;• 1 x NL4 bass module out &lt;br&gt;• 1 x ToneMatch® port &lt;br&gt;• 1 x trim control &lt;br&gt;• 1 x power switch &lt;br&gt;• 1 x 1/4&quot; bass line out</td>
<td>• 1 x 1/4&quot; analog input &lt;br&gt;• 1 x NL4 bass module out &lt;br&gt;• 1 x ToneMatch port &lt;br&gt;• 1 x trim control &lt;br&gt;• 1 x power switch</td>
<td>• 1 x microphone input &lt;br&gt;• 1 x 1/8&quot; balanced analog input &lt;br&gt;• 1 x RCA stereo input &lt;br&gt;• 1 x 1/4&quot; analog input &lt;br&gt;• 1/4&quot; mono analog output &lt;br&gt;• 1 x RCA output</td>
</tr>
<tr>
<td><strong>System includes</strong></td>
<td>• L1 Model II top and bottom loudspeaker arrays &lt;br&gt;• L1 Model II system power stand &lt;br&gt;• AC power cord &lt;br&gt;• Protective carrying bags/covers &lt;br&gt;• B1 or B2 bass module with cable and slip cover</td>
<td>• L1 Model 1S top array and bottom extension &lt;br&gt;• L1 Model 1S system power stand &lt;br&gt;• AC power cord &lt;br&gt;• Protective carrying bags/covers &lt;br&gt;• B1 or B2 bass module with cable and slip cover</td>
<td>• L1 Compact loudspeaker array &lt;br&gt;• L1 Compact system power stand with slip cover &lt;br&gt;• L1 Compact system extensions with protective carry bag</td>
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L1® PORTABLE LINE ARRAY SYSTEMS

Sound Coverage

<table>
<thead>
<tr>
<th>System</th>
<th>Audience size:</th>
<th>View</th>
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<tr>
<td>L1® Model II system</td>
<td>Up to 500</td>
<td>TOP and SIDE</td>
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<tr>
<td>L1® Model 1S system</td>
<td>Up to 300</td>
<td>TOP and SIDE</td>
</tr>
<tr>
<td>L1® Compact system</td>
<td>Up to 100</td>
<td>Collapsed Tabletop and Extended Position</td>
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### L1® PORTABLE LINE ARRAY SYSTEMS

The Bose® L1 portable line array systems’ combination of performance, portability and easy setup makes them an ideal solution for many situations.

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<th>Venue</th>
<th>Recommended System</th>
<th>Possible Applications (by audience size)</th>
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<td>• Classrooms</td>
<td>L1® Compact system</td>
<td>Augmented audio for viewing a movie, Presenting audio from a PC, Listening to a blog or podcast, Audio for a SMART Board™ interactive whiteboard</td>
</tr>
<tr>
<td>• Auditoriums</td>
<td>L1® Model 1S system</td>
<td>Rallies, sporting events, speeches, Plays and indoor performances, Announcements and music at practices</td>
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<td>• Gymnasiums</td>
<td>L1® Model II system</td>
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<tr>
<td>• Cafeterias</td>
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<td></td>
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<tr>
<td>• Outdoors</td>
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<tr>
<td><strong>Hospitality</strong></td>
<td></td>
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<tr>
<td>• Ballrooms</td>
<td>L1® Compact system</td>
<td>Special event, anniversary, Presentation or speech at a banquet or corporate meeting Bookstore cafe, Business presentation</td>
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<tr>
<td>• Conference rooms</td>
<td>L1® Model 1S system</td>
<td></td>
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<tr>
<td>• Meeting rooms</td>
<td>L1® Model II system</td>
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<td>• Hotel common areas</td>
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<td><strong>Houses of Worship</strong></td>
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<tr>
<td>• Indoor public address</td>
<td>L1® Compact system</td>
<td>Secondary PA for retreats and mission work, Secondary PA or backline for worship band, PA for youth events, Secondary PA for music worship, Activity room/Sm. function room, Memorial services</td>
</tr>
<tr>
<td>• Lobby and hallways</td>
<td>L1® Model 1S system</td>
<td></td>
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<tr>
<td>• Youth rooms</td>
<td>L1® Model II system</td>
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<tr>
<td>• Classrooms and offices</td>
<td></td>
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<tr>
<td>• Portable church</td>
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<tr>
<td><strong>Business and Civic</strong></td>
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<tr>
<td>• Offices</td>
<td>L1® Compact system</td>
<td>Corporate presentations, Public speaking, announcement, Fitness center gymnasium, Radio remote broadcast at a large concert or event</td>
</tr>
<tr>
<td>• Public address</td>
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<tr>
<td>• Training/classes</td>
<td>L1® Model II system</td>
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<td>• Meetings</td>
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<td><strong>Military/Law Enforcement</strong></td>
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<tr>
<td>• Indoor events</td>
<td>L1® Compact system</td>
<td>Briefings, press events, and training exercises, municipal auctions, Portable crowd control or public address, Training exercises, outdoor municipal auctions, crowd control</td>
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<tr>
<td>• Outdoor events</td>
<td>L1® Model 1S system</td>
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<tr>
<td>• Training</td>
<td>L1® Model II system</td>
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<td><strong>Consumer</strong></td>
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<tr>
<td>• Parties</td>
<td>L1® Compact system</td>
<td>Backyard parties, Special family events, Football parking lot tailgating, Karaoke parties at home, DJ amplification, Outdoor amateur sports events, Theatrical production, soundstage/sound effect (SFX)</td>
</tr>
<tr>
<td>• Outdoor events</td>
<td>L1® Model 1S system</td>
<td></td>
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<tr>
<td>• General music/voice amplification</td>
<td>L1® Model II system</td>
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L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

L1® Compact
portable line array system

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.

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

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

These durable components easily connect without the need for speaker stands or wires and are readily transported in two protective carry bags/covers. The materials and construction are specifically designed to meet the performance demands of a wide range of applications including musical performances, music playback, speeches and AV sound reproduction.

The L1 Compact system can be operated in two modes:

**Collapsed Tabletop**
For smaller gatherings and meetings

**Extended Position**
For larger audiences

<table>
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<th>Sound Coverage</th>
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<tr>
<td><strong>Collapsed Tabletop</strong></td>
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<tr>
<td>TOP</td>
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<tr>
<td>SIDE</td>
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</table>

<table>
<thead>
<tr>
<th><strong>Extended Position</strong></th>
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</thead>
<tbody>
<tr>
<td>TOP</td>
</tr>
<tr>
<td>SIDE</td>
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</tbody>
</table>
L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 1 — Voice Amplification

Applications

- Secondary PA for retreats and mission work, youth room
- Memorial services
- Public speaking/announcement
- Corporate presentations
- Training and demonstration
- Briefings, press events, and training exercises
- Municipal auctions
- Portable crowd control or public address
- Football parking lot tailgating

L1 Compact system
L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 2 — Music or Audio Playback

Applications

- Presenting audio from a PC
- Listening to a blog or podcast
- Business presentation
- Backyard parties, special family events

L1 Compact system

TV  DVD/video  MP3 player  Laptop/PC  Microphone  Instrument  SMART Board interactive whiteboard  Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 3 — Voice Amplification with Music or Audio Playback

Applications

- Special Event, anniversary, other
- Business presentation (in a small ballroom or conference space)
- Exercise/fitness classes (karate, dance, aerobics, etc.)
- Activity room/small function room
- Backyard parties/special family events
- Karaoke parties at home
- DJ amplification

L1 Compact system

TV | DVD/video | MP3 player | Laptop/PC | Microphone | Instrument | SMART Board interactive whiteboard | Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 4 — Audio Playback with Video

Applications

Audio augmentation for a SMART Board interactive whiteboard

Family movie night outdoors

L1 Compact system

TV, DVD/video, MP3 player, Laptop/PC, Microphone, Instrument, SMART Board interactive whiteboard, Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

Application example 5 — Voice Amplification with Music or Audio Playback and Musical Instrument

Applications

- Secondary PA or backline for worship band
- Bookstore cafe
- Memorial services
- Backyard parties/special family events

L1 Compact system

Available options:

- TV/DVD/video
- MP3 player
- Laptop/PC
- Microphone
- Instrument
- SMART Board interactive whiteboard
- Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 300

L1® Model 1S
portable line array system

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

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 Model 1S power stand can drive two B1s or a single B2 bass module. These durable components easily connect without the need for speaker stands or wires and are readily transported in three protective carry bags/covers. The materials and construction are specifically designed to meet the performance demands of a wide range of applications including musical performances, music playback, speeches and AV sound reproduction.

Bass Modules
Users have a choice between the B1 portable, lightweight bass module, or the B2 high-performance, flexible bass module.

T1 ToneMatch® Audio Engine
The addition of a T1 ToneMatch Audio Engine to any of the L1 systems provides four input channels with independent selection of ToneMatch presets and effects, including customized ToneMatch presets for a variety of popular microphones and instruments.

Sound Coverage

L1® Model 1S

![Sound Coverage Diagram]

- TOP
- SIDE
L1® SYSTEMS FOR AUDIENCE SIZE: up to 300

Application example 1 — Voice Amplification

Applications

- Plays and indoor performances
- Emergency preparedness drills
- Raffles, bingo games, or other events
- Training exercises
- Outdoor municipal auctions
- Crowd control

Sound Coverage

L1® Model 1S

TOP

SIDE
L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

Application example 2 — Music or Audio Playback

Applications

Outdoor cocktail party

Soundstage/sound effect (SFX)

Sound Coverage

L1® Model 1S

TV  DVD/video  MP3 player  Laptop/PC  Microphone  Instrument  SMART Board interactive whiteboard  Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 300

Application example 3 — Voice Amplification with Music or Audio Playback

Applications

- Rallies, sporting events, speeches
- Announcements and music at practices
- Presentation or speech at a banquet or corporate meeting
- Conference room meeting
- Outdoor community events
- Community theater
- Fitness center gymnasium
- Radio remote broadcast at a large concert or event
- Outdoor amateur sports events
- Theatrical production

Sound Coverage

L1® Model 1S

L1 Model 1S system

T1 ToneMatch® Audio Engine

TOP

SIDE

TV  DVD/video  MP3 player  Laptop/PC  Microphone  Instrument

SMART Board interactive whiteboard  Projector
**Application example 4 — Voice Amplification with Music or Audio Playback and Musical Instrument**

Applications

- Secondary PA for music worship, etc.
- Community theater
- Announcements and music at practices
- Plays and indoor performances

**Sound Coverage**

L1® Model 1S

**L1® SYSTEMS FOR AUDIENCE SIZE: up to 300**

**Applications**

- Secondary PA for music worship, etc.
- Community theater
- Announcements and music at practices
- Plays and indoor performances
L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

L1® Model II

portable line array system

Our most advanced system featuring our 24 speaker articulated line array providing our best tonal balance, coverage, and highest output.

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 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.

These durable components easily connect without the need for speaker stands or wires and are readily transported in four protective carry bags/covers. The materials and construction are specifically designed to meet the performance demands of a wide range of applications including musical performances, music playback, speeches and AV sound reproduction.

Bass Modules

Users have a choice between the B1, portable, lightweight bass module, or the B2, high-performance, flexible bass module.

T1 ToneMatch® Audio Engine

The addition of a T1 ToneMatch Audio Engine to any of the L1 systems provides four input channels with independent selection of ToneMatch presets and effects, including customized ToneMatch presets for a variety of popular microphones and instruments.
L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

Application example 1 — Voice Amplification

Applications

Plays and indoor performances
Emergency preparedness drills
Raffles, bingo games, or other events
Training exercises
Outdoor municipal auctions
Crowd control

Sound Coverage

L1® Model II

T1 ToneMatch® Audio Engine

TV
DVD/video
MP3 player
Laptop/PC
Microphone
Instrument
SMART Board interactive whiteboard
Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

Application example 2 — Music or Audio Playback

Applications

Outdoor cocktail party

Soundstage/sound effect (SFX)

Sound Coverage

L1® Model II

TOP

SIDE

L1 Model II system

3.5 mm (mono)

1/4 in.

or

TV

DVD/video

MP3 player

Laptop/PC

Microphone

Instrument

SMART Board interactive whiteboard

Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

Application example 3 — Voice Amplification with Music or Audio Playback

Applications

- Rallies, sporting events, speeches
- Announcements and music at practices
- Presentation or speech at a banquet or corporate meeting
- Conference room meeting
- Outdoor community events
- Community theater
- Fitness center gymnasium
- Radio remote broadcast at a large concert or event
- Outdoor amateur sports events
- Theatrical production

Sound Coverage

L1® Model II

T1 ToneMatch® Audio Engine

TV  DVD/video  MP3 player  Laptop/PC  Microphone  Instrument  SMART Board interactive whiteboard  Projector
L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

Application example 4 — Voice Amplification with Music or Audio Playback and Musical Instrument

Applications

Secondary PA for music worship, etc.

Community theater

Announcements and music at practices

Plays and indoor performances

L1 Model II system

Sound Coverage

L1® Model II

TOP

SIDE

SMART Board is a trademark of SMART Technologies ULC.
**L1® Bass Module Options**

**B1 bass module**

**Positioning**
Portable lightweight bass module designed to provide deep balanced bass for Model 1S and Model II systems. It features 2 x 5.25” high excursion drivers built into a rugged enclosure. Interlocking end caps allow up to four B1 modules to be stacked together.

Includes slip cover and NL4 cable.

**Input panel**

![Input panel](image1.png)

**B2 bass module**

**Positioning**
Our high performance flexible bass module designed to provide deep impactful bass for Model 1S and Model II systems used in higher SPL live music and DJ applications. It features 2 x 10” high excursion woofers mounted in a rugged plywood enclosure, and a three position sensing switch, allowing bass output to be adjusted for different applications. Interlocking end caps allow up to two B2 modules to be stacked together.

Includes slip cover and NL4 cable.

**Input panel**

![Input panel](image2.png)
L1® System Configurations

L1® Model 1S with B1 bass module(s)

One B1 bass module

Two B1 bass modules

L1® Model 1S with B2 bass module

One B2 bass module
L1® System Configurations

L1® Model II with B1 bass module(s)

- One B1 bass module
- Two B1 bass modules
- Four B1 bass modules (with PackLite®)

L1® Model II with B2 bass module(s)

- One B2 bass module
- Two B2 bass modules (with PackLite)