# 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 I system</th>
<th>L1® Compact system</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Positioning</strong></td>
<td>Our best sound coverage with easy transport and setup.</td>
<td>Our versatile, original system provides wide, uniform coverage and includes four integrated inputs.</td>
<td>Our smallest, lightest and easiest-to-set-up L1 system, weighing just 29 pounds.</td>
</tr>
<tr>
<td><strong>Audience size</strong></td>
<td>For smaller to larger spaces with audiences of up to 500.</td>
<td>For smaller spaces with audiences of up to 100.</td>
<td></td>
</tr>
<tr>
<td><strong>Acoustic performance</strong></td>
<td>Bose Spatial Dispersion™ system technology delivers sound evenly across the stage and throughout the audience — even off to the extreme sides. The L1 Model I and L1 Model II systems project sound waves forward and to the sides at nearly 180 degrees and with little vertical dispersion, reducing unwanted room reverberation. Amplified sound is spread more evenly across the stage and into the audience. The volume level drops off much more slowly than with a conventional speaker.</td>
<td>Bose Spatial Dispersion™ system technology delivers sound evenly across the stage and throughout the audience — even off to the extreme sides. The L1 Compact loudspeaker array is smaller than those in the L1 Model I and Model II systems, yet produces comparable horizontal sound coverage. The L1 Model I and Model II systems project sound further and with less volume drop-off than the L1 Compact system.</td>
<td></td>
</tr>
<tr>
<td><strong>Coverage</strong></td>
<td>180° H x 0° V</td>
<td>180° H x 40° V</td>
<td></td>
</tr>
<tr>
<td><strong>Bass</strong></td>
<td>Modular Bass. Add B1 bass modules when additional low-frequency output is required.</td>
<td></td>
<td>The L1 Compact system features an integrated bass speaker in the power stand and is not compatible with the B1 bass module.</td>
</tr>
<tr>
<td><strong>I/O</strong></td>
<td>One analog input channel in the power stand. Four additional ToneMatch® channels are available by adding the optional T1 ToneMatch audio engine.</td>
<td>Two integrated ToneMatch® channels with more than 90 selectable presets for a variety of popular microphones and instruments; two additional input channels for other audio sources and portable media players. Compatible with the T1 ToneMatch audio engine — T1 power supply required.</td>
<td>Two integrated ToneMatch® channels with fixed presets: one for a handheld microphone and one for an acoustic guitar. Compatible with the T1 ToneMatch audio engine — T1 power supply required.</td>
</tr>
<tr>
<td><strong>System includes</strong></td>
<td>• L1 Model II system power stand with carry bag. • L1 Model II Cylindrical Radiator® loudspeakers with carry bag. • B1 bass module with cable and slipcover. • T1 ToneMatch audio engine and cable. • T1 ToneMatch audio engine protective cover and carrying bag. • T1 ToneMatch audio engine mounting bar and carriage.</td>
<td>• L1 Model I system power stand with carry bag. • L1 Model I Cylindrical Radiator® loudspeakers with carry bag. • B1 bass module with cable and slipcover. • R1 remote and cable.</td>
<td>• L1 Compact system power stand with slipcover. • L1 Compact loudspeaker array. • L1 Compact system extensions with carry bag.</td>
</tr>
</tbody>
</table>
## 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.

<table>
<thead>
<tr>
<th>Venue</th>
<th>Recommended System</th>
<th>Possible Applications (by audience size)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Education</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Classrooms</td>
<td>L1® Compact system</td>
<td>Augmented audio for viewing a movie</td>
</tr>
<tr>
<td>• Auditoriums</td>
<td>Small sized audience up to 100 people</td>
<td>Presenting audio from a PC</td>
</tr>
<tr>
<td>• Gymnasiums</td>
<td>L1® Model I or L1® Model II system</td>
<td>Listening to a blog or podcast</td>
</tr>
<tr>
<td>• Cafeterias</td>
<td>Large sized audience up to 500 people</td>
<td>Audio augmentation for a SMART Board™ interactive whiteboard</td>
</tr>
<tr>
<td>• Outdoors</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Hospitality</strong></td>
<td>L1® Compact system</td>
<td>Special Event, anniversary, other</td>
</tr>
<tr>
<td>• Ballrooms</td>
<td>Small sized audience up to 100 people</td>
<td>Business presentation</td>
</tr>
<tr>
<td>• Conference rooms</td>
<td>L1® Model I or L1® Model II system</td>
<td>Presentation or speech at a banquet or corporate meeting</td>
</tr>
<tr>
<td>• Meeting rooms</td>
<td>Large sized audience up to 500 people</td>
<td>Bookstore cafe</td>
</tr>
<tr>
<td>• Hotel common areas</td>
<td></td>
<td>Conference room meeting</td>
</tr>
<tr>
<td><strong>Houses of Worship</strong></td>
<td>L1® Compact system</td>
<td>Secondary PA for music worship, etc.</td>
</tr>
<tr>
<td>• Indoor public address</td>
<td>Small sized audience up to 100 people</td>
<td>Raffles, bingo games, or other events</td>
</tr>
<tr>
<td>• Lobby and hallways</td>
<td>L1® Model I or L1® Model II system</td>
<td></td>
</tr>
<tr>
<td>• Youth rooms</td>
<td>Large sized audience up to 500 people</td>
<td></td>
</tr>
<tr>
<td>• Cafe/Bookstore</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• Classrooms and offices</td>
<td></td>
<td></td>
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<tr>
<td>• Portable church</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Business and Civic</strong></td>
<td>L1® Compact system</td>
<td>Public speaking, announcement</td>
</tr>
<tr>
<td>• Offices</td>
<td>Small sized audience up to 100 people</td>
<td>Corporate presentations</td>
</tr>
<tr>
<td>• Public address</td>
<td>L1® Model I or L1® Model II system</td>
<td>Training and demonstration</td>
</tr>
<tr>
<td>• Training/classes</td>
<td>Large sized audience up to 500 people</td>
<td>Exercise/fitness classes (karate, dance, aerobics, etc.)</td>
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<tr>
<td>• Meetings</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Military and Law Enforcement</strong></td>
<td>L1® Compact system</td>
<td>Briefings, press events, and training exercises</td>
</tr>
<tr>
<td>• Indoor events</td>
<td>Small sized audience up to 100 people</td>
<td>Municipal auctions</td>
</tr>
<tr>
<td>• Outdoor events</td>
<td>L1® Model I or L1® Model II system</td>
<td>Portable crowd control or public address</td>
</tr>
<tr>
<td>• Training</td>
<td>Large sized audience up to 500 people</td>
<td></td>
</tr>
<tr>
<td><strong>Consumer</strong></td>
<td>L1® Compact system</td>
<td>Backyard parties, special family events</td>
</tr>
<tr>
<td>• Parties</td>
<td>Small sized audience up to 100 people</td>
<td>Football parking lot tailgating</td>
</tr>
<tr>
<td>• Outdoor events</td>
<td>L1® Model I or L1® Model II system</td>
<td>Karaoke parties at home</td>
</tr>
<tr>
<td>• General music/voice amplification</td>
<td></td>
<td>Theatrical production</td>
</tr>
<tr>
<td><strong>Military and Law Enforcement</strong></td>
<td>L1® Compact system</td>
<td>Outdoor amateur sports events</td>
</tr>
<tr>
<td>• Indoor events</td>
<td>Small sized audience up to 100 people</td>
<td>Soundstage/sound effect (SFX)</td>
</tr>
<tr>
<td>• Outdoor events</td>
<td>L1® Model I or L1® Model II system</td>
<td></td>
</tr>
<tr>
<td>• Training</td>
<td>Large sized audience up to 500 people</td>
<td></td>
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</table>
L1® SYSTEMS FOR AUDIENCE SIZE: up to 100

L1® Compact portable line array system

The Bose® L1 Compact portable line array system combines conventional PA and monitors into one sleek unit. Positioned behind or to the side of a performer, DJ or presenter, it delivers wide, even sound coverage throughout the stage area and audience — even off to the extreme sides.

The systems’ power stand features an integrated mixer that can accommodate a microphone, portable audio devices, or musical instrument. Channel 1 contains a hard-wired ToneMatch® preset which is optimized for use with a handheld microphone. Channel 2 offers one 1/8” stereo input, one RCA stereo input, and one 1/4” instrument input with a selectable Tone-Match preset for use with an acoustic guitar.

The L1 Compact system is well-suited for a variety of applications such as music playback, speeches and A/V sound reproduction.

The L1 Compact system can be operated in one of two modes:

**Collapsed Tabletop**
For smaller gatherings and meetings

**Extended Position**
For larger audiences

Sound Coverage

<table>
<thead>
<tr>
<th>Collapsed Tabletop</th>
<th>Extended Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOP</td>
<td>TOP</td>
</tr>
<tr>
<td>SIDE</td>
<td>SIDE</td>
</tr>
</tbody>
</table>

Collapsed Tabletop

Extended Position
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

Applications:
- 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

Connectors for TV, DVD/video, MP3 player, Laptop/PC, Microphone, Instrument, SMART Board interactive whiteboard, and Projector

Audio OUT

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

Applications:

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

L1® Model I and L1® Model II portable line array systems

The Bose® L1 Model I and L1 Model II portable line array systems are unique, all-in-one systems that deliver clear, powerful sound across the stage and throughout small to medium-sized venues. L1 Model I and L1 Model II systems can be used in venues with low stages or no stage at all.

The L1 Model I offers the versatility of four integrated inputs; while the L1 Model II is a lightweight and modular system that fits easily into a car trunk and takes just a few minutes to set up.

L1® Model I
Eliminate conventional monitors, mixers and PA systems. Four-channel mixer provides two mic/line input channels (1 and 2) that accept XLR and ¼” TRS connections.

L1® Model II
Easy transport and setup. Includes one analog input channel in the power stand. Four additional ToneMatch® channels are available by adding the optional T1 ToneMatch audio engine.

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

L1 Model I system

L1 Model II system

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)

L1 Model I system
- System for audience size: up to 500
- Applications:
  - Outdoor cocktail party
  - Soundstage/sound effect (SFX)

L1 Model II system
- System for audience size: up to 500
- Connections:
  - 1/4 in.
  - 3.5 mm (mono)

Input sources:
- 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

L1 Model I system

- T1 ToneMatch® Audio Engine
- 1/4 in.
- 3.5 mm

L1 Model II system

- 1/4 in.
- 3.5 mm

- 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

L1® SYSTEMS FOR AUDIENCE SIZE: up to 500

Applications

Secondary PA for music worship, etc.

Community theater

Announcements and music at practices

Plays and indoor performances

L1 Model I system

L1 Model II system

T1 ToneMatch® Audio Engine

TV  DVD/video  MP3 player  Laptop/PC  Microphone  Instrument  SMART Board interactive whiteboard  Projector

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