

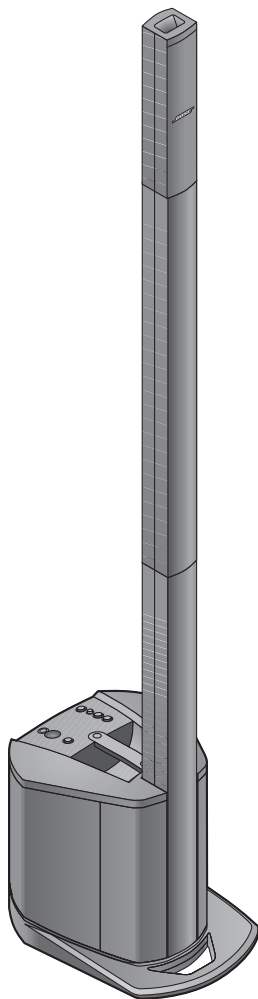


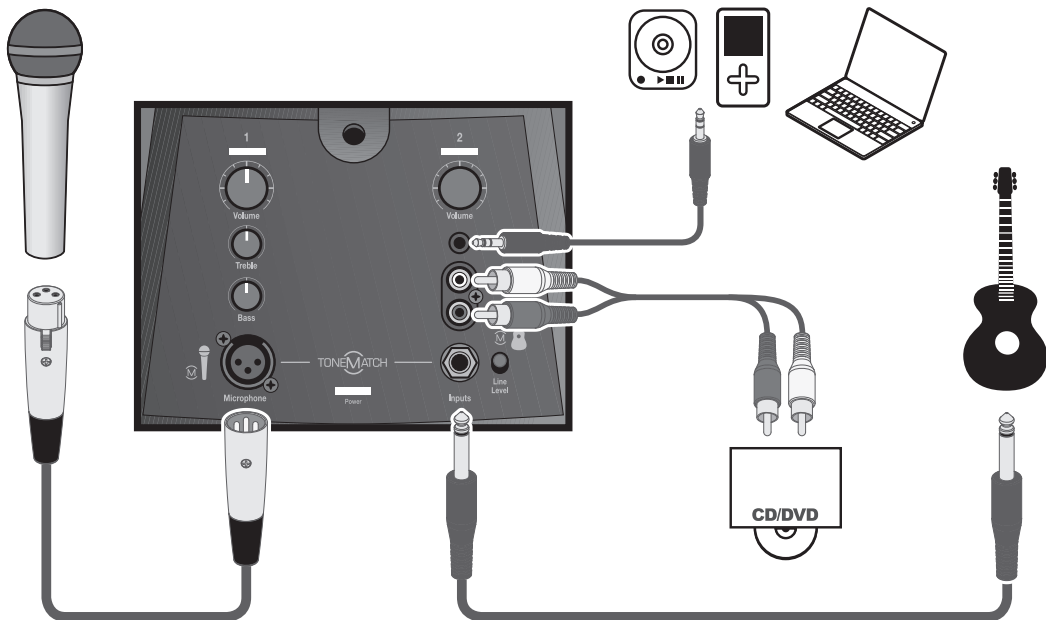
L1[®] Compact

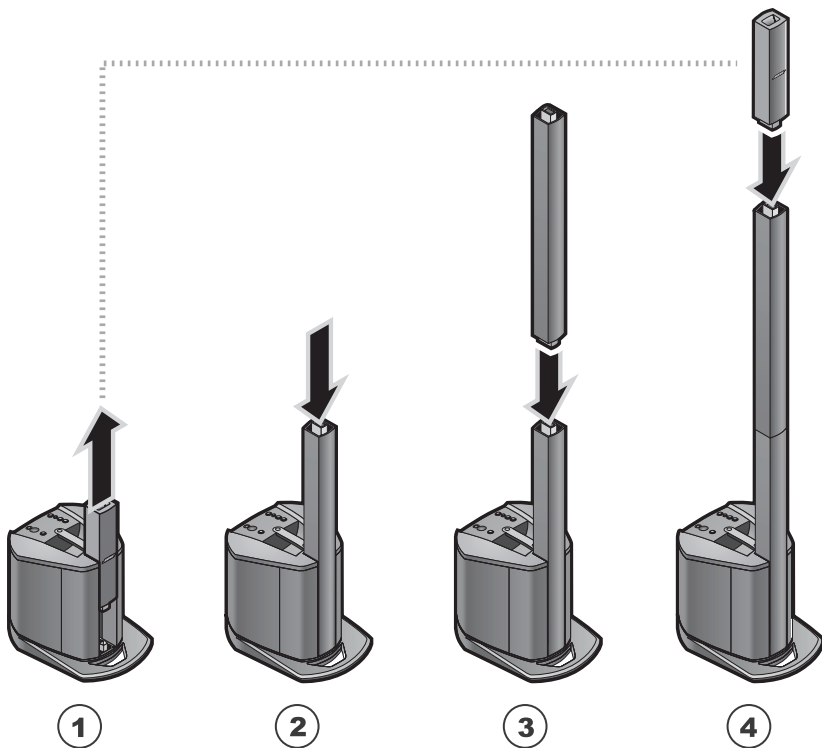
Portable Line Array System

Owner's Guide

用户指南







SAFETY INFORMATION

Please read this owner's guide

Please take the time to follow the instructions in this owner's guide carefully. It will help you set up and operate your system properly and enjoy its advanced features. Please save this owner's guide for future reference.



WARNING: To reduce the risk of fire or electrical shock, do not expose the system to rain or moisture.



WARNING: To reduce the risk of electric shock, do not disassemble this system unless you are qualified. Refer servicing to qualified service personnel.

	CAUTION RISK OF ELECTRICAL SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.		

	AVIS RISQUE DE CHOC ÉLECTRIQUE NE PAS OUVRIR	
ATTENTION : POUR RÉDUIRE LE RISQUE DE DÉCHARGE ÉLECTRIQUE, NE RETIREZ PAS LE COUVERCLE (OU L'ARRIÈRE). IL NE SE TROUVE À L'INTÉRIEUR AUCUNE PIÈCE POUVANT ÊTRE RÉPARÉE PAR L'USAGER. S'ADRESSER À UN RÉPARATEUR COMPÉTENT.		



The lightning flash with arrowhead symbol within an equilateral triangle alerts the user to the presence of uninsulated, dangerous voltage within the system enclosure that may be of sufficient magnitude to constitute a risk of electrical shock.



The exclamation point within an equilateral triangle, as marked on the system, is intended to alert the user to the presence of important operating and maintenance instructions in this owner's guide.



CAUTION: This product shall be connected to a mains socket outlet with a protective earthing connection.



CAUTION: Make no modifications to the system or accessories. Unauthorized alterations may compromise safety, regulatory compliance, and system performance.



CAUTION: Do not place any naked flame sources, such as lighted candles, on or near the apparatus.



CAUTION: Where the mains plug is used as the disconnect device, such disconnect device shall remain readily operable.

Note: The product must be used indoors. It is neither designed nor tested for use outdoors, in recreation vehicles, or on boats.



This product conforms to all EU Directive requirements as applicable by law.

The complete Declaration of Conformity can be found at: www.Bose.com/static/compliance.



WARNING: Do not expose this apparatus to dripping or splashing and do not place objects filled with liquids, such as vases, on or near the apparatus. As with any electronic products, use care not to spill liquids into any part of the system. Liquids can cause a failure and/or a fire hazard.

Japan only:

Note: Provide an earth connection before the main plug is connected to the mains.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources, such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over. 
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. To prevent risk of fire or electric shock, avoid overloading wall outlets, extension cords, or integral convenience receptacles.
16. Do not let objects or liquids enter the product – as they may touch dangerous voltage points or short-circuit parts that could result in a fire or electric shock.
17. See product enclosure for safety-related markings.
18. Use proper power sources – Plug the product into a proper power source, as described in the operating instructions or as marked on the product.
19. Apparatus shall not be exposed to dripping or splashing, and no objects filled with liquids, such as vases, shall be placed on the apparatus.
20. No naked flame source, such as lighted candles, should be placed on or near the apparatus.
21. Power LED – Indicates power status.
Blue: Power on.

Information about products that generate electrical noise

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

This product complies with the Canadian ICES-003 Class A specifications.

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Welcome

Thank you for purchasing the Bose® L1® *Compact* Portable Line Array System. Whether you are a musician amplifying your instruments, a mobile DJ entertaining an audience, or the host of your own special event, this system will provide quality sound for audiences of approximately 100 people.

This owner's guide provides detailed setup and operating instructions for your L1® *Compact* system and explains how to connect to a variety of audio sources. For additional information on using this system, including tips, techniques, and frequently asked questions, please visit www.Bose.com/musicians on the Internet.

Features and benefits

- **Carry it in one trip** – The entire system is light enough to be carried in a single trip.
- **Set it up in one minute** – The interlocking components of the L1® *Compact* system allow system setup in less than a minute. There are no external speaker wires required. An integrated bass enclosure with an intuitive user interface eliminates the need for separate components.
- **Fill the room with one system** – Whether you're performing live or playing back prerecorded music, whether you're performing in a coffeehouse or a 100-seat room, Bose® Spatial Dispersion™ loudspeaker technology provides nearly 180° of tonally balanced sound coverage so there are no dead spots.
- **PA and monitor combined** – Audience members enjoy a more consistent and intimate listening experience because the system sets up behind the performer and serves as both the monitor for the stage and amplification system for the audience. The performer alone controls the sound.
- **Versatility** – In addition to musical performances, the L1® *Compact* provides quality sound for a wide variety of general-purpose uses including presentations, celebrations, speeches, and music playback for about 100 people.
- **Integrated ToneMatch® signal processing** – Provides a high level of tone customization on your microphone or instrument to provide a listening experience that most musicians only achieve using a recording studio.
- **Two setup options** – The L1® *Compact* system can be used in either the collapsed position for smaller audiences or extended positions for larger audiences.

Product overview

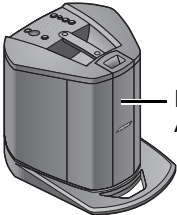
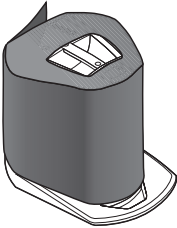
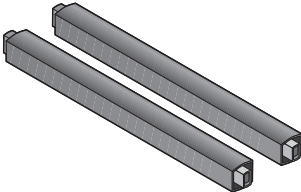
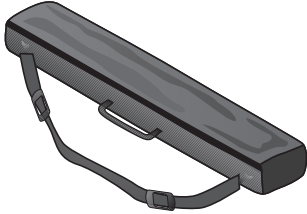
The L1® Compact Portable Line Array System is shipped in two cartons. Carefully unpack the cartons and check that you have all the items listed on this page.

WARNING: To avoid danger of suffocation, keep the plastic bags out of the reach of children.

The L1® Compact system consists of:

- L1® Compact Power Stand
- L1® Compact Loudspeaker Array
- L1® Compact Extensions

The L1® Compact system comes with a slipcover for the Power Stand and a padded carry bag for the L1® Compact Extensions.

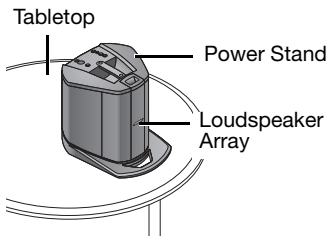
Power stand carton	Extensions carton
L1® Compact Power Stand with Loudspeaker Array  Loudspeaker Array AC power cord  Power Stand slipcover 	L1® Compact Extensions  Extensions carry bag 

For a complete list of optional equipment and accessories, please visit: www.Bose.com/musicians.

System configurations

You can set up the versatile L1® *Compact* system in two unique positions. The examples below will help you quickly identify the position that can work best for you.

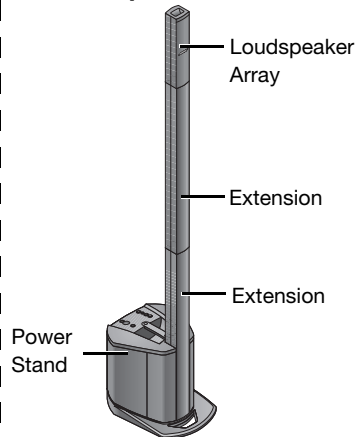
Collapsed position



Smaller audiences

- Intimate acoustic performances
- Music playback
- Presentations
- Speeches

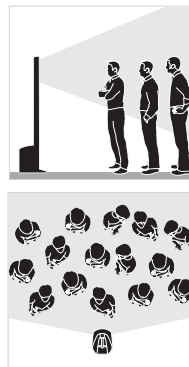
Extended position



Larger audiences

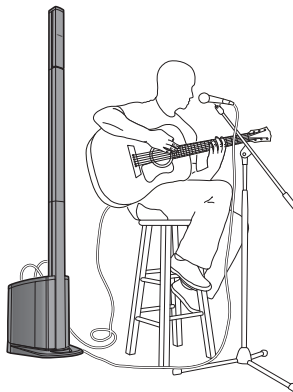
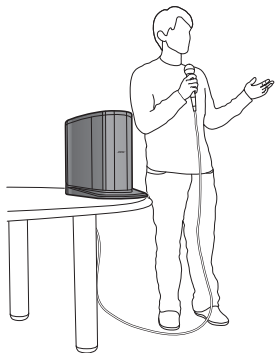
- Musical performances – auditorium/coffeehouse
- DJ events
- Announcements – larger spaces

The L1® *Compact* Extensions are not required when using the L1® *Compact* Portable Line Array System in the collapsed position. They are included for situations where you need to elevate the Loudspeaker Array to project sound to larger audiences.



Setting up the system

Before making any connections, you should set the L1® *Compact* Portable Line Array System up either in the collapsed position (the system is shipped in the collapsed position) or the extended position.



Setting up in the collapsed position

To get the most sound quality and ensure that seated audience members enjoy the full frequency range of the system, position it on a table (shown above) at ear-level or at the front edge of a stage (not shown). This will allow sound to project clearly and evenly throughout the audience.

Setting up in the extended position

In larger rooms, or with larger audiences where the sound could be blocked by obstacles, it is best to set up the L1® *Compact* Portable Line Array System in the extended position.

Extending the Loudspeaker Array

Once you have set the system in place:

1. Slide the Loudspeaker Array up and out of the Power Stand and temporarily lay it aside.

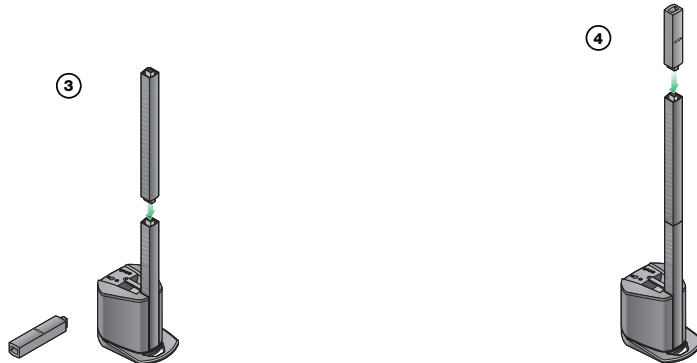
Note: The two L1® Compact Extensions are identical to each other. Either one can be used on the top or bottom, but if one extension is used, both must be used.

2. Align the plug on the bottom of the Extension with the socket on the Power Stand, then slide the extension into the power stand.

Be sure to fully insert the extension into the Power Stand socket to assure stability and a good connection.

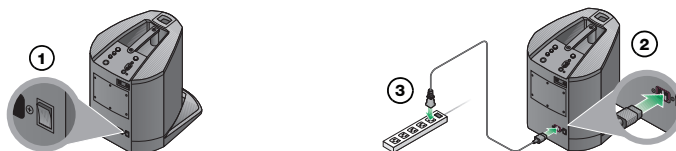


3. Align the remaining Extension and push it firmly in place.
4. Align the Loudspeaker Array and push it firmly in place.



Connecting power to the system

1. Make sure the power switch is off (down position).
2. Plug one end of the power cord into the connector on the power stand.
3. Plug the other end into a live electrical receptacle.



4. Before turning the system on, connect your sound sources. See "Operating Information" on page 6, and "Plugging in your sources" on page 7.

OPERATING INFORMATION

Connections and controls

The power stand control panel provides all the necessary connectors, controls, and indicators for operation.



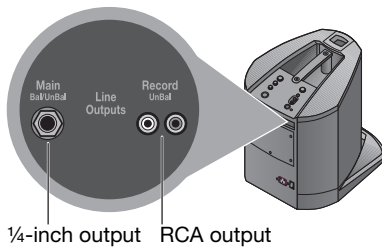
Channel 1 (Microphone input)

The channel 1 input is for use only with a microphone. Integrated ToneMatch® signal processing provides a high level of tone customization to provide a listening experience that most musicians can only achieve using a recording studio.

1. **Signal/Clip indicator** – Displays the input signal status in color.
 - Green: Input signal present
 - Red: Input signal clipping
2. **Volume control** – Adjusts the volume of your microphone.
3. **Treble control** – Adjusts the amount of treble on your microphone.
4. **Bass control** – Adjusts the amount bass on your microphone.
5. **Microphone input** – Analog input for connecting a balanced XLR microphone cable. A ToneMatch® microphone preset is built in.

Channel 2 (Utility channel – multiple input)

6. **Signal/Clip indicator** – Displays the input signal status in color.
 - Green: Input signal present
 - Red: Input signal clipping
7. **Volume control** – Adjusts the overall volume of all input sources connected to Channel 2.
8. **1/8-inch (3.5 mm) stereo input** – Analog input for connecting audio sources such as portable mp3 players, satellite radio, laptop computers, video projectors, and smart boards.
9. **RCA stereo input** – Analog input for connecting audio sources such as DVD players, VCR players, video game consoles, DJ mixers, Keyboards and other instruments. For best results, connect both the left and right signals.
10. **1/4-inch input** – Balanced analog input for connecting guitars and other instruments. Accepts either 1/4-inch TRS balanced or TS unbalanced cables.
11. **ToneMatch® switch** – When connecting an acoustic guitar to the 1/4-inch input, move the switch to the  position to enable a ToneMatch® preset. When connecting anything other than an acoustic guitar to the 1/4-inch input, move the switch down to the Line Level position.
12. **Power LED** – Indicates power status.
 - Blue: System on



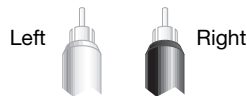
Rear panel outputs

1/4-inch output – Mono analog output that accepts either 1/4 inch TRS balanced or TS unbalanced cables. Can be used to link multiple L1® *Compact* systems together by connecting the 1/4-inch output from one L1® *Compact* system to the 1/4-inch input (Channel 2) on a second L1® *Compact* system. This will provide additional coverage in larger spaces. You can also use the 1/4-inch output to connect to a house PA system and use the L1® *Compact* system as your personal monitor.

Note: Using a TS unbalanced cable will result in a drop in the audio level of -6dBu.

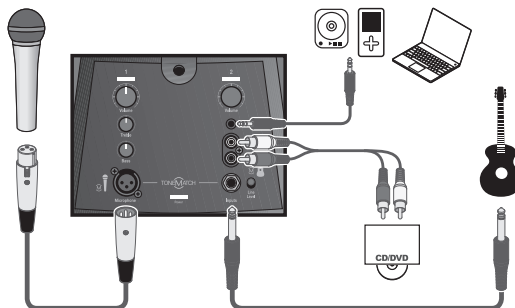


RCA output – Mono line level analog output for connecting audio devices such as CD recorders and flash recorders. For best results, connect both the left and right signals.



Plugging in your sources

Before plugging in a sound source, adjust the channel's **Volume** control fully counterclockwise.



Setting the Channel 1 (microphone) controls

Channel 1 is only intended for use with a dynamic handheld microphone. Do not connect any other sources to this input.

1. Before using the microphone, adjust the Channel 1 **Volume** control fully counter-clockwise.
2. While speaking into the microphone, adjust the **Volume** control to the desired level.

For best results, keep the microphone close to your lips when speaking. Holding the microphone more than 3 inches (7.6 cm) away from your lips when speaking will lead to less overall volume and may impact overall clarity.



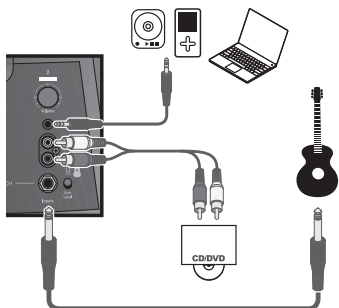
The Channel 1 Microphone Input is equipped with an integrated ToneMatch® preset to automatically optimize the sound of your microphone.

3. Adjust the **Treble** and **Bass** controls to make further refinements based on your personal preference.

Setting the Channel 2 controls

When connecting an audio source to any of the Channel 2 inputs, follow these steps to adjust the volume.

1. On the power stand, adjust the Channel 2 **Volume** control fully counterclockwise.
2. Connect the audio source to the appropriate Channel 2 input.



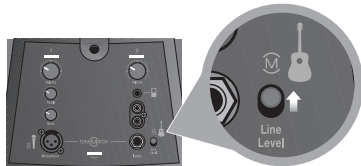
3. Turn the Channel 2 **Volume** control clockwise until the volume indicator glows green or yellow.

If the volume indicator steadily glows red, decrease the volume.

Note: You can connect multiple audio sources, one to each of the Channel 2 Inputs, at the same time. However, you must then adjust the volume on each source device to achieve the mix you desire.

Applying the acoustic guitar ToneMatch® preset

You can access the ToneMatch® preset by plugging into the 1/4-inch input on Channel 2 and moving the ToneMatch® switch to the  position. The ToneMatch® preset is designed specifically for use with an acoustic guitar.



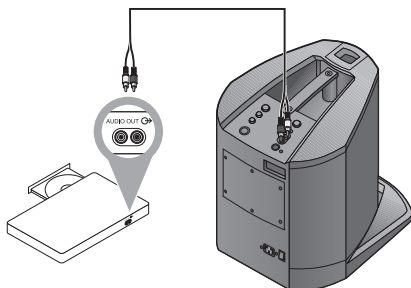
Note: The ToneMatch® preset switch only affects the 1/4-inch input. Sound from devices connected to the 1/8-inch stereo input and the RCA stereo input are not affected.

Connection scenarios

There are many ways to connect and use the L1® Compact system. The following pages show a few examples of typical scenarios.

Classroom

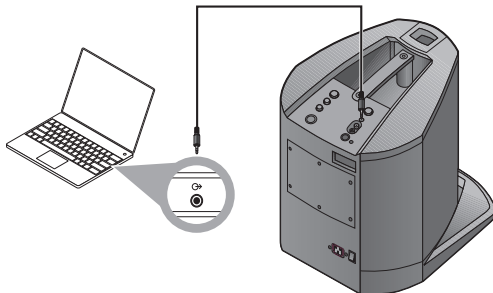
A typical setup scenario for a classroom could include a DVD player connected to the L1® Compact system.



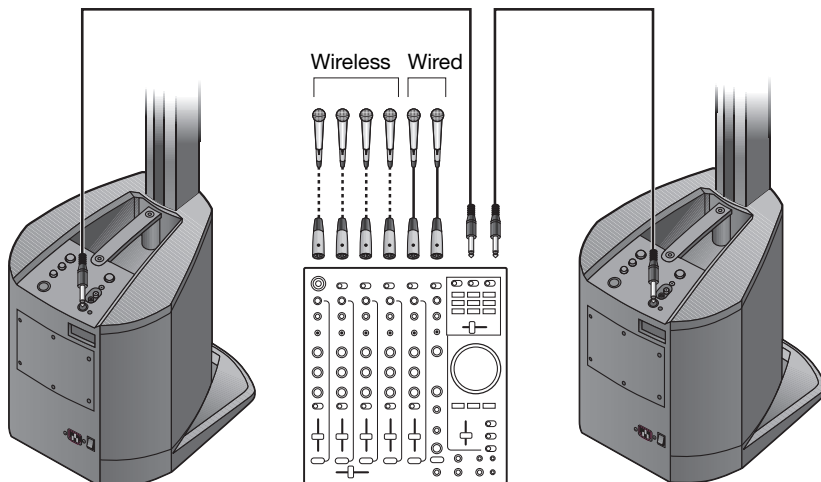
OPERATING INFORMATION

Presentations

Connect the audio output from your laptop computer and deliver multimedia presentations.

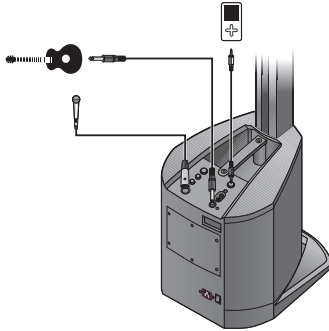


Within auditoriums, the setup could include two L1[®] Compact systems, several microphones, and a small mixer.



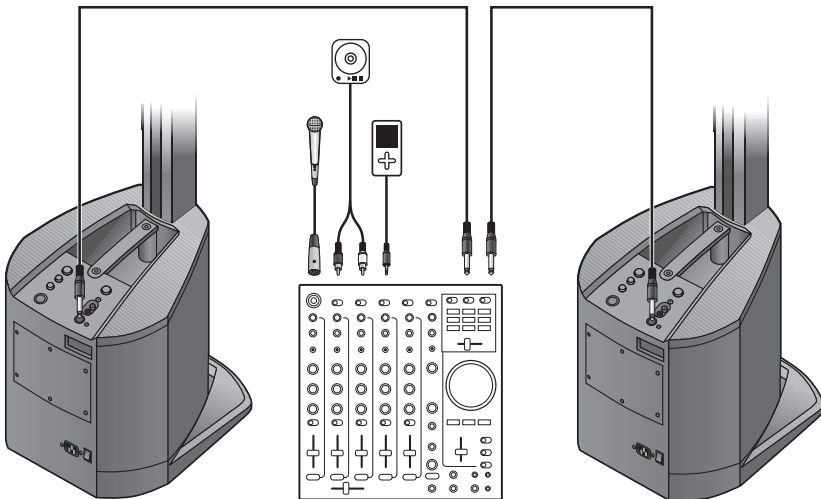
Solo musical performances

The multiple inputs on the L1® Compact system allow a soloist to connect a vocal microphone, musical instrument, and backing tracks.



DJ events

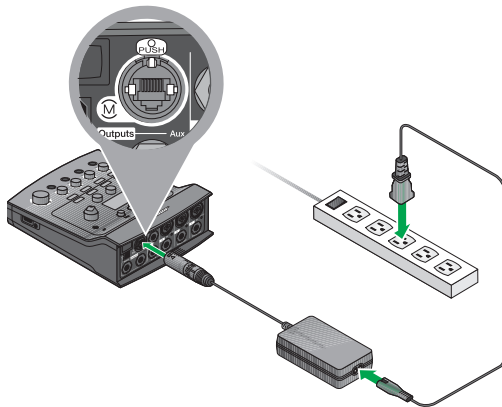
DJs use multiple input sources (CD player, MP3 player, etc.) plugged into a mixer. In this scenario, two mixer outputs are fed into two L1® Compact systems for stereo sound.



Advanced setup using the T1 ToneMatch® audio engine

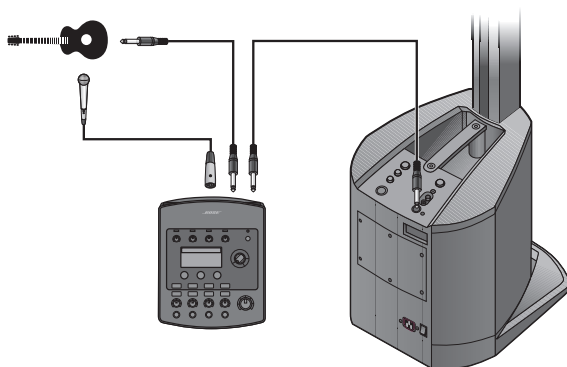
For more demanding performances, a musician can add the optional T1 ToneMatch® audio engine to his or her setup. The T1 offers expanded inputs and outputs, access to quality effects, dynamics processing, and our most advanced tone-shaping library. In addition, the T1 ToneMatch® audio engine provides additional input/output capabilities.

The optional T1 ToneMatch® audio engine requires the optional power supply. To learn more about the T1 ToneMatch® audio engine, please visit www.Bose.com/musicians.



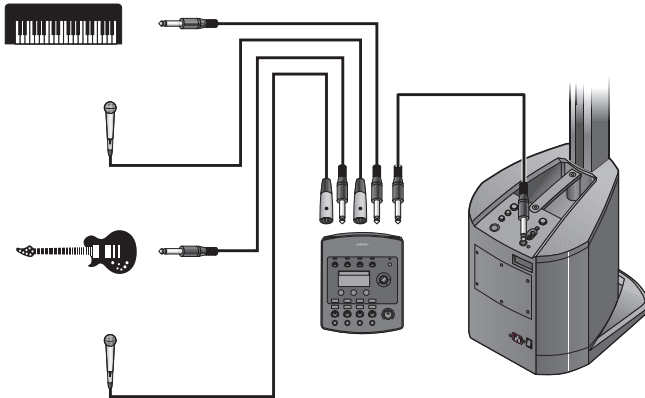
Single musician

A single musician could add a microphone and T1 ToneMatch® audio engine to their setup.



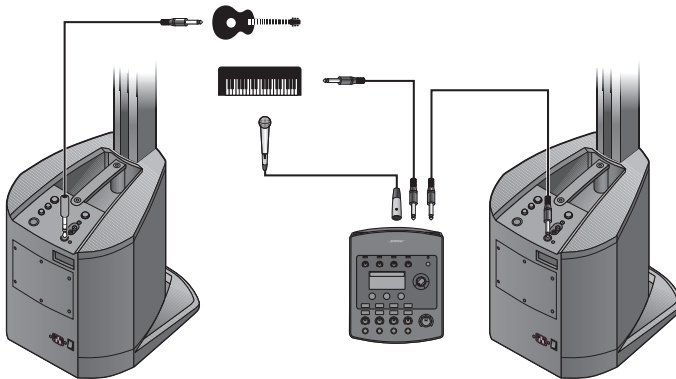
Multiple musicians

In this scenario, a keyboard-guitar duo sings and plays through a single T1 ToneMatch® audio engine and an L1® Compact system.



Mixed setup

A more elaborate multiple musician setup could be as shown below. This scenario employs two L1® Compact systems and a T1 ToneMatch® audio engine.



CARE AND MAINTENANCE

Caring for your product

Cleaning

- Clean the product enclosures using only a soft, dry cloth.
- Do not use any solvents, chemicals, or cleaning solutions containing alcohol, ammonia, or abrasives.
- Do not use any sprays near the product or allow liquids to spill into any openings.
- If necessary, you may carefully vacuum the grille of the L1® Compact Power Stand.

Troubleshooting

If you experience problems while using this product, try the following solutions.

Recommended troubleshooting tools

- Spare AC power cord
- XLR and ¼-inch phone plug cables

Problem	What to do
System is plugged in, power switch is on, but power LED is off	• Make sure you are using the included L1® Compact Power Stand power cable. • Make sure the power cable is fully engaged into both the Power Stand and the AC outlet. • Make sure you have power at the AC outlet. Try operating a lamp or other equipment from the same AC outlet. • Try a different power cable. • If available, try a different Power Stand.
Power LED is on, but no sound	• Make sure the Volume control is turned up on the Power Stand. • Make sure the volume control is turned up on your instrument. • Make sure your instrument or audio source is plugged into the appropriate input jack. • Connect your instrument or audio source to the Power Stand using a different cable.
Middle to high frequencies absent from the L1® Compact Loudspeaker Array	• When in the collapsed position, always place the system on a tabletop so it is level with the listeners' ears. • Make sure the L1® Compact Extensions and L1® Compact Loudspeaker Array are firmly seated in their connectors. • Make sure connections are not bent or broken. • Try cleaning the contacts on the loudspeaker top and bottom with electronic contact spray cleaner.
Instrument or audio source sounds distorted	• Lower the volume of the connected audio source. • If you are connecting an external mixer, make sure the equalization controls for low, mid, and high on the mixer are set to mid position. • Reduce the output of the mixer.
Microphone is encountering feedback	• Position the microphone so it is not pointing directly at its respective L1® Compact Loudspeaker array. • Try positioning the microphone so it nearly touches your lips. • Try a different microphone. • Try a different position for the L1® Compact Portable Line Array System and/or vocalist on stage. • Increase the distance from the loudspeaker to the microphone. • If using a vocal effects processor, make sure it is not contributing to the feedback.

Bose® Community Message Board

To interact with other L1® product owners and for tips on getting the most out of your L1® *Compact* Portable Line Array System, please visit the Bose® Musicians Community Message Board at: <http://Bose.infopop.cc/eve>.

Getting service

For additional help in solving problems, contact the Bose® Live Music Customer Service Product and Technical Support Team at 400-880-2266 or visit our support area online at www.Bose.cn.

Accessories

Visit www.Bose.com/musicians, or call 400-880-2266 for accessory information.

Limited Warranty and Registration

Your L1® *Compact* Portable Line Array System is covered by a limited transferable warranty. Details of the limited warranty are provided on the product registration card that is included in the carton. Please refer to the card for instructions on how to register. Failure to register will not affect your limited warranty rights.

What you must do to obtain Limited Warranty Service:

Return product, with proof of purchase from an authorized Bose® dealer, using the following procedures:

1. Contact the Bose organization in your country/region (visit Global.Bose.com for Bose contact information in your country/region) for specific return and shipping instructions;
2. Label and ship the product, freight prepaid, to the address provided by the authorized service facility; and
3. Place any necessary return authorization number prominently on the outside of the carton. Cartons not bearing a return authorization number, where required, will be refused.

The L1® *Compact* Portable Line Array System is covered by patents issued or pending in the U.S. and other countries.

Serial numbers and product registration

Now is a good time to record the serial numbers of your system here and on your product registration card.

L1® *Compact* Loudspeaker Array _____

L1® *Compact* Power Stand _____

L1® *Compact* Extensions _____

Bose recommends that you keep your sales receipt together with this guide.

Technical Information

Mechanical

Part	Dimensions	Weight
L1® Compact Power Stand with Loudspeaker Array	16½" H x 13¼" W x 16¾" D (41.8 cm x 33.9 cm x 42.6 cm)	24.6 lbs. (11.2 kg)
L1® Compact Loudspeaker Array	16" H x 2¾" W x 2¾" D (40.8 cm x 7 cm x 7.1 cm)	3.0 lbs. (1.35 kg)
L1® Compact Extensions (2)	32½" H x 2¾" W x 2¾" D (83 cm x 7 cm x 7.1 cm)	2.3 lbs. (1.05 kg) each
Collapsed position (assembled)	16½" H x 13¼" W x 16¾" D (41.8 cm x 33.9 cm x 42.6 cm)	24.6 lbs. (11.2 kg)
Extended position (assembled)	78½" H x 13¼" W x 16¾" D (199.5 cm x 33.9 cm x 42.6 cm)	29.2 lbs. (13.3 kg)

Shipping Cartons

	Weight
L1® Compact loudspeakers	30.4 lbs. (13.8 kg)
L1® Compact extensions	7.5 lbs. (3.4 kg)

Electrical

- AC power rating
100-240V ~ 50/60Hz 200W max
- Peak inrush current
230V: 18.2 Amps
120V: 9.7 Amps

安全信息

请阅读本用户指南

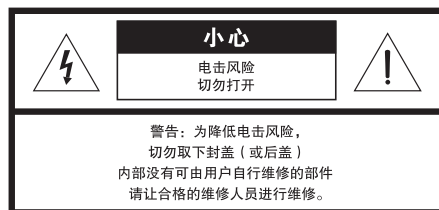
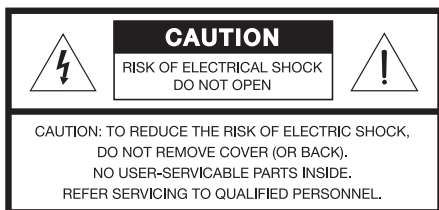
请务必认真遵守本用户指南中的指示。它有助于您正确安装和操作本系统，享用它的先进功能。请保存本用户指南留作以后参考。



警告： 为减少着火或电击的危险，请勿使本系统受雨淋或受潮。



警告： 为减少电击的危险，非专业人员请勿拆卸本系统。请向合格的维修人员咨询维修事宜。



等边三角形内带有箭头的电闪标志警示用户，该系统内存在未绝缘的危险电压，它可能足以构成电击危险。



系统上标示的等边三角形内的感叹号标志旨在警示用户，在本用户指南中有相应的重要操作和维修指示。



小心： 本产品应使用保护接地接头连接至电源插座。



小心： 不要改装本系统或配件。未经授权的改装可能会对安全性、法规符合性和系统性能造成负面影响。



小心： 请勿将任何明火火源（如点燃的蜡烛）置于本设备上或靠近本设备。



小心： 如果电源插头起切断设备电路的作用，那么该设备应保持随时可工作状态。

注意： 必须在室内使用本产品。在室外、旅游汽车或船舶上使用本产品均不符合本产品的设计或测试初衷。



根据适用法律，本产品符合所有欧盟指令要求。

您可以从 www.Bose.com/static/compliance 找到完整的符合声明。



警告： 本产品不得受液体淋溅或喷洒，不得将装有液体的物体（如花瓶等）置于本产品上或本产品附近。对任何电子产品而言都必须小心，勿使液体溅入系统的任何部分。液体可能导致故障和/或火灾。

仅限日本：

注意： 提供接地连接后再将主插头连入电源。

重要安全性指示

1. 请阅读这些指示。
2. 请保留这些指示。
3. 请注意所有警告。
4. 请遵守所有指示。
5. 请勿在水附近使用本设备。
6. 请只使用干布进行清洁。
7. 请勿堵塞任何通风口。请按照制造商的说明安装。
8. 请勿安装在靠近任何热源旁，例如暖气片、热调节装置、火炉或可产生热量的其它设备（包括扩音器）。
9. 请勿使极化插头或接地插头丧失安全作用。极化插头有两个插脚，其中的一个插脚较另一个宽些。接地型插头有两个插脚和第三个用于接地的插脚。较宽的插脚或第三个用于接地的插脚起安全作用。如果所提供的插头不适合您的插座，请与电工联系以更换旧插座。
10. 防止踩踏或挤压电源线，尤其是插头、电源插座以及设备上的出口位置。
11. 只能使用制造商指定的附件/配件。
12. 只能使用制造商指定或随本设备一起销售的推车、支架、三角架、托架或工作台。如果使用推车，则在移动推车/设备时应格外小心，以避免因倾倒而造成伤害。
13. 在雷雨天或长时间不用时，请切断本设备电源。
14. 任何维修事宜均应向合格的维修人员咨询。如果本设备在任何方面受到损坏均需进行维修，例如电源线或插头受损、液体溅入或物体落入设备内、本设备受淋或受潮、不能正常工作或跌落。
15. 为了避免着火或电击危险，请避免墙壁插座、延长线或电源插座过载。
16. 请勿使物体或液体进入本产品 - 因为它们可能会接触危险的电压点或使部件短路，造成着火或电击。
17. 请参阅产品外壳上有关安全的标记。
18. 请使用相应的电源 - 按操作指示中的说明或产品上的标志，将本产品电源线插入相应电源。
19. 本设备不得受液体淋溅或喷洒，不得将装有液体的物体（如花瓶等）置于本设备上。
20. 请勿将任何明火火源（如点燃的蜡烛）置于本设备上或靠近本设备。
21. **Power（电源）LED** - 指示电源状态。
蓝色：系统开启

产生电子噪音的产品的有关信息

本设备已经过测试，符合 FCC 规则第 15 部分有关 A 类数字设备的各项限制。这些限制性规定旨在防范安装在商业环境中的设备产生有害干扰。本设备产生、使用并可能辐射无线电频率能量，如果不按照指示安装和使用，则可能会对无线电通讯造成有害干扰。在住宅区运行本设备可能会产生有害干扰，在这种情况下用户必须自付费用纠正干扰状况。

本产品符合加拿大 ICES-003 A 类规范。

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欢迎使用

感谢您购买 Bose® L1® Compact Portable Line Array System。无论您是想要为乐器配置扩声扬声器的音乐家、想要娱乐听众的动感 DJ 还是自己举办的特别活动的东道主，这个系统都能够做到为大约 100 位听众带来高品质的声响。

本用户指南提供 L1® Compact 系统详细的安装和操作说明，并说明如何将其与各种音源相连。有关使用本系统的其它信息（包括诀窍、技巧和常见问题），请访问 Internet 上的 www.Bose.com/musicians。

功能与优点

- **一次携带** – 整套系统非常轻便，只需一次便可携带完毕。
- **一分钟安装** – L1® Compact 系统的互锁组件使系统安装只需不到一分钟便可完成。不需要任何外部扬声器线路。集成式低音音箱具有直观的用户界面，不必另配组件。
- **一个系统 覆盖全场** – 无论您是进行现场表演还是回放预先录制的音乐，无论您是在咖啡馆还是有 100 个座位的房间中表演，Bose® Spatial Dispersion™ 扬声器技术都能够提供接近 180°、音调均衡的声音覆盖范围，绝无死角。
- **PA 主扩声返听合二为一** – 观众能够享受到更为一致和亲近的收听体验，因为系统布置在表演者身后，既充当舞台的返听扬声器，又作为观众的主扩声系统。声音由表演者一个人来控制。
- **多功能** – 除音乐表演外，L1® Compact 还能够为多种通用用途（包括大约 100 人的演示、庆祝、演讲和音乐回放）带来高品质声音效果。
- **集成式 ToneMatch® 信号处理** – 提供高水平的麦克风或乐器音调定制，以提供大多数音乐家使用录音室才能获得的收听体验。
- **两种安装方案** – L1® Compact 系统可以在折叠状态（适用于较少听众）或伸展状态（适用于较多听众）下使用。

产品概述

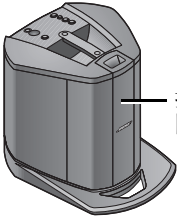
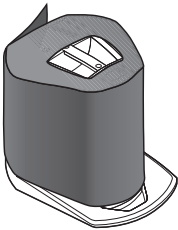
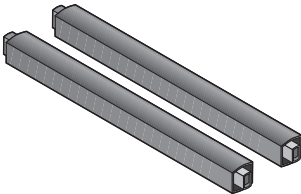
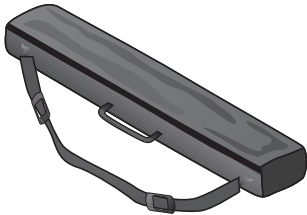
L1® Compact Portable Line Array System 使用两个纸箱装运。请小心地打开纸箱，检查其中是否包含本页上所列的全部项目。

 **警告：** 为了防止窒息危险，塑料袋应放到儿童接触不到的地方。

L1® Compact 系统包括下列组件：

- L1® Compact 有源底座
- L1® Compact 扬声器阵列
- L1® Compact 延长立柱

L1® Compact 系统附带有源底座保护罩，以及 L1® Compact 延长立柱便携袋。

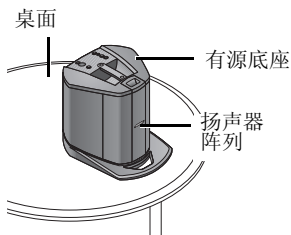
有源底座纸箱	延长立柱纸箱
L1® Compact 有源底座 (带扬声器阵列)  扬声器阵列 交流电源线  有源底座保护罩 	L1® Compact 延长立柱  延长立柱便携袋 

要查看完整的选购设备和附件列表，请访问：www.Bose.com/musicians。

系统配置

可以按两种独特的状态安装 L1® Compact 多功能系统。以下示例有助于您迅速确定最适合您的状态。

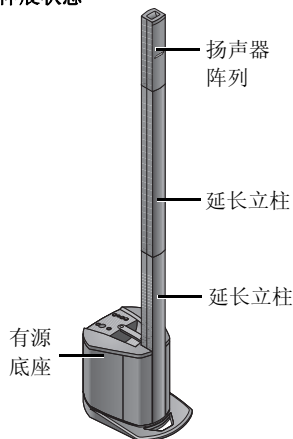
折叠状态



较少听众

- 有亲近感的声音表现
- 音乐回放
- 演示
- 演讲

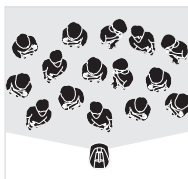
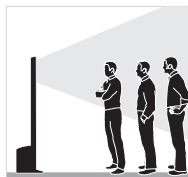
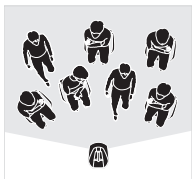
伸展状态



较多听众

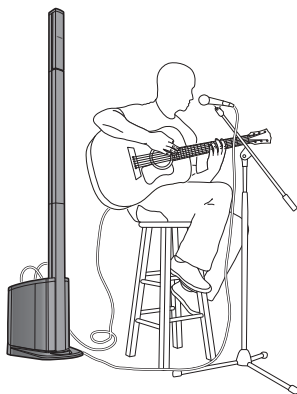
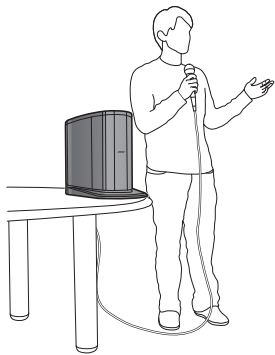
- 音乐表演 – 礼堂/咖啡馆等
- DJ 活动
- 大型场地 – 大型场地

在折叠状态下使用 L1® Compact Portable Line Array System 时不需要使用 L1® Compact 延长立柱。附带的延长立柱用于需要升高扬声器阵列，以将声音投射给更多听众的情况。



设置系统

在进行任何连接之前，应将 L1® Compact Portable Line Array System 设置成折叠状态（系统以折叠状态装运）或伸展状态。



设置成折叠状态

要获得最佳声音品质，并确保就座的听众能够欣赏到系统的完整频段，请将其放置在与耳朵处于同一水平线的桌面上（如上图所示），或将其置于舞台的前沿（未显示）。这会使声音清澈、均匀地投射到全体听众。

设置成伸展状态

在较大的房间中，或听众较多、声音可能受障碍物阻碍的房间中，最好将 L1® Compact Portable Line Array System 设置成伸展状态。

伸展扬声器阵列

将系统安置到位后：

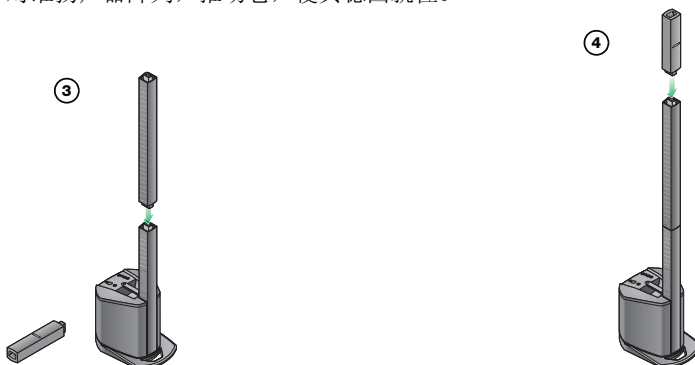
1. 将扬声器阵列向上滑出有源底座，暂时放置一旁。

注意： 两个 L1® Compact 延长立柱是完全相同的。顶部或底部可以使用其中的任何一个，但只要使用了一个延长立柱，就必须两个同时使用。

2. 将延长立柱底部的插头对准有源底座上的插座，然后将延长立柱滑入有源底座。务必将延长立柱完整插入有源底座的插座，以确保稳定性和连接良好。



3. 对准延长立柱的其余部分，推动它，使其稳固就位。
4. 对准扬声器阵列，推动它，使其稳固就位。



为系统连接电源

1. 确保电源开关已关闭（处于下位）。
2. 将电源线的一端插入有源底座上的电源接口中。
3. 将另一端插入通电的插座。



4. 开启系统前，请连接音源。请参阅第 26 页的“操作信息”和第 26 页的“插入音源”。

操作信息

连接和控制

有源底座的控制面板提供操作所需的所有音源接口、控制旋钮和指示灯。



通道 1 (麦克风输入)

通道 1 输入仅供与麦克风一起使用。集成式 ToneMatch® 信号处理提供高水平的音调定制，以提供大多数音乐家使用录音室才能获得的收听体验。

1. 信号/削波指示灯 - 用颜色显示输入信号状态。

- 绿色：存在输入信号
- 红色：输入信号已经削波

2. Volume (音量) 控制 - 调整麦克风的音量。

3. Treble (高音) 控制 - 调整麦克风的高音音量。

4. Bass (低音) 控制 - 调整麦克风的低音音量。

5. Microphone (麦克风) 输入 - 用于连接均衡 XLR 麦克风电缆的模拟输入。内置一个 ToneMatch® 麦克风预设。

通道 2 (多用途通道 - 多个输入)

6. 信号/削波指示灯 - 用颜色显示输入信号状态。

- 绿色：存在输入信号
- 红色：输入信号已经削波

7. Volume (音量) 控制 - 调整连接到“通道 2”的所有输入源的总体音量。

8. 1/8 英寸 (3.5 mm) 立体声输入 - 用于连接便携 mp3 播放器、卫星收音机、笔记本电脑、视频投影仪和电子白板等音频源的模拟输入。

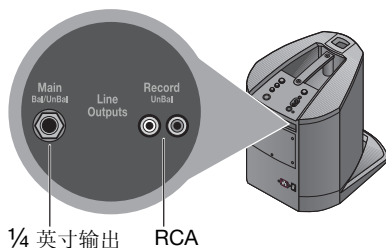
9. RCA 立体声输入 - 用于连接 DVD 播放机、VCR 播放机、视频游戏机、DJ 混音器、键盘及其它乐器等音频源的模拟输入。要获得最佳效果，请对左、右声道都进行连接。

10. 1/4 英寸输入 - 用于连接吉他及其它乐器的平衡模拟输入。接受 1/4 英寸 TRS 平衡或 TS 非平衡电缆。

11. ToneMatch® 开关 - 将木吉他连接到 1/4 英寸输入时，请将开关移至 位置以启用 ToneMatch® 预设。将木吉他以外的任何其它乐器连接到 1/4 英寸输入时，请将开关下移至 Line Level (线路电平) 位置。

12. Power (电源) LED - 指示电源状态。

蓝色：系统开启



后面板输出

1/4 英寸输出 - 接受 1/4 英寸 TRS 平衡或 TS 非平衡电缆的单声道模拟输出。可用于将多个 L1® Compact 系统链接在一起，方法是：将一个 L1® Compact 系统的 1/4 英寸输出连接到另一个 L1® Compact 系统的 1/4 英寸输入。这样做可以在空间较大时增加覆盖范围。也可以使用 1/4 英寸输出连接到固定 PA 系统，使用 L1® Compact 系统作为个人返听扬声器。

注意： 使用 TS 非平衡电缆会使音频电平 -6dBu 下降。

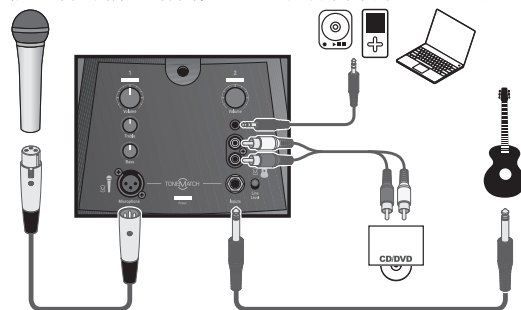


RCA 输出 - 用于连接 CD 录音机和闪存录音机等音频设备的单声道线路电平模拟输出。要获得最佳效果，请对左、右声道都进行连接。



插入音源

插入音源前，请向完全逆时针方向调整通道的 **Volume（音量）** 控制。



设置通道 1（麦克风）控制

通道 1 专供与动圈手持麦克风一起使用。不要将任何其它音源连接到此输入。

1. 使用麦克风前，请向完全逆时针方向调整通道 1 **Volume（音量）** 控制。
2. 一面对麦克风讲话，一面将 **Volume（音量）** 控制调整到想要的水平。

要获得最佳效果，请在讲话时使麦克风始终贴近自己的嘴唇。讲话时手持麦克风与嘴唇的距离如果超过 3 英寸（7.6 厘米），会导致总体音量较低，并可能会影响总体清晰度。



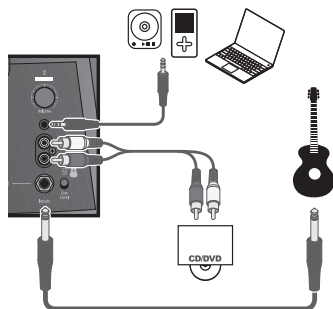
通道 1 麦克风输入配备有集成式 ToneMatch® 预设，以自动优化麦克风的聲音。

3. 调整 **Treble（高音）** 和 **Bass（低音）** 控制，以根据个人偏好做进一步微调。

设置通道 2 控制

将音源连接到任何一个通道 2 输入时，请按以下步骤调整音量。

1. 在有源底座上，向完全逆时针方向调整通道 2 **Volume（音量）** 控制。
2. 将音源连接到相应的通道 2 输入。

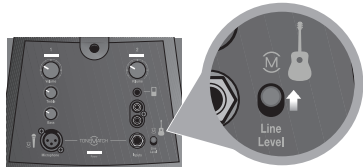


3. 顺时针转动通道 2 **Volume（音量）** 控制，直至音量指示灯发绿光或黄光。如果音量指示灯发出稳定的红光，请降低音量。

注意： 可以同时连接多个音源，每个音源连接到其中一个通道 2 输入。不过，您必须随后调整各音源设备上的音量，以获得想要的混音效果。

应用木吉他 **ToneMatch®** 预设

可以通过插入通道 2 上的 1/4 英寸输入，并将 **ToneMatch®** 开关移至 **M** 位置来访问 **ToneMatch®** 预设。**ToneMatch®** 预设专门设计用于配合木吉他使用。



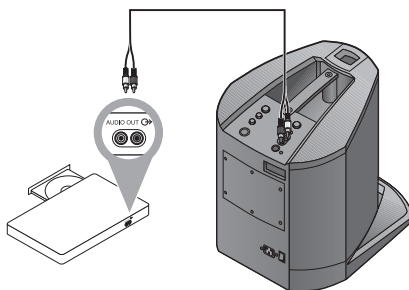
注意： **ToneMatch®** 预设开关只影响 1/4 英寸输入。连接到 1/8 英寸立体声输入和 RCA 立体声输入设备所发出的声音不受影响。

连接方案

连接和使用 **L1® Compact** 系统的方法有许多种。下面几页介绍了几种典型方案的示例。

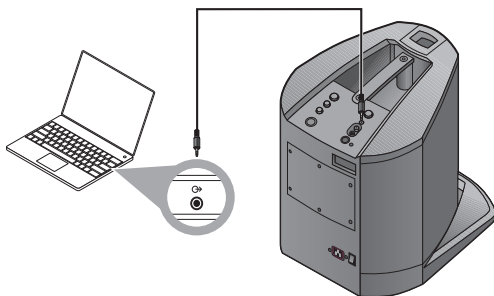
教室

教室的典型布置方案可能包括一台 DVD 播放机，以及与之相连的 **L1® Compact** 系统。

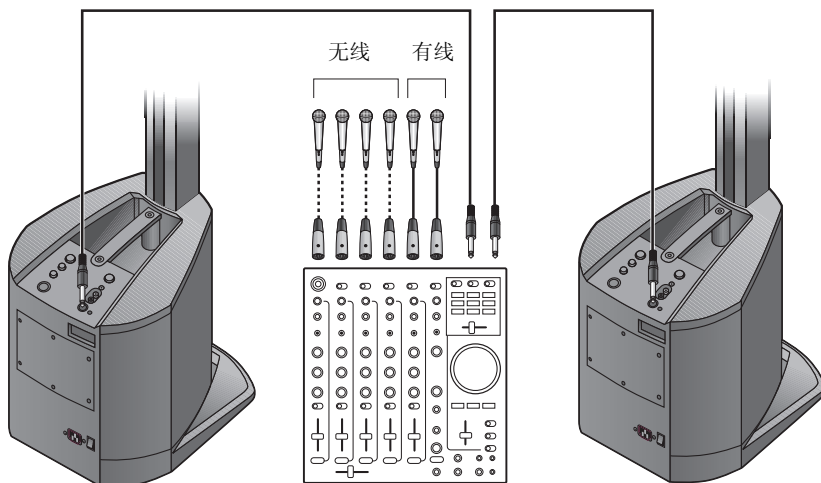


演示

连接笔记本电脑的音频输出，做多媒体演示。

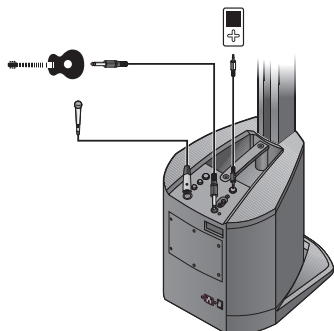


礼堂中的布置可能包括两套 L1® Compact 系统、几支麦克风以及一个小型混音器。



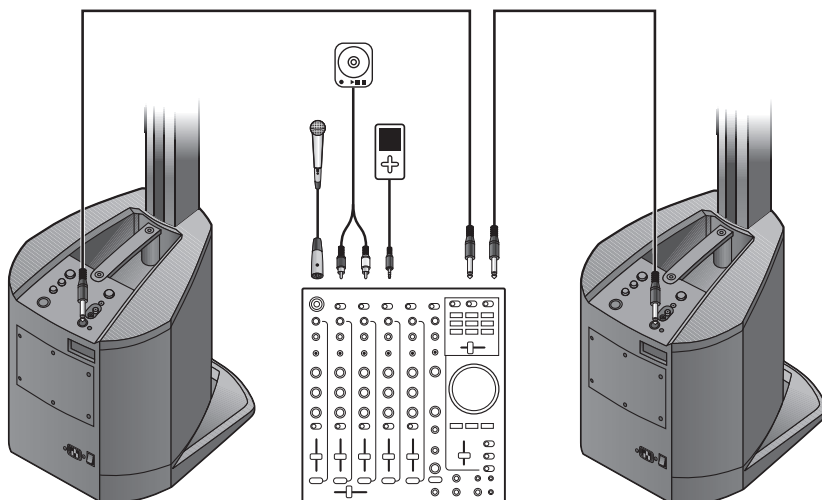
独唱音乐表演

L1® Compact 系统上的多个输入让独唱者可以连接人声麦克风、乐器和伴奏。



DJ 活动

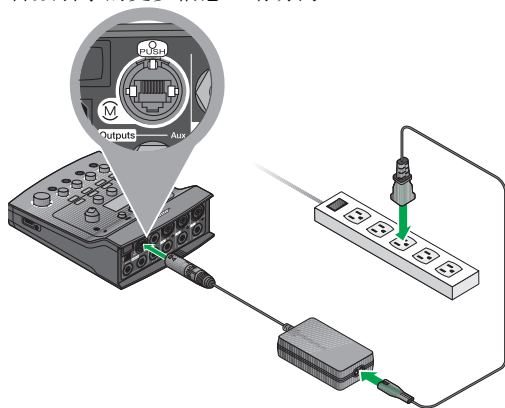
DJ 使用多个音源（CD 播放机、MP3 播放机等）插入混音器。在此方案中，两个混音器输出接入两套 L1® Compact 系统来获得立体声效果。



使用 T1 ToneMatch® 音频引擎的高级布置

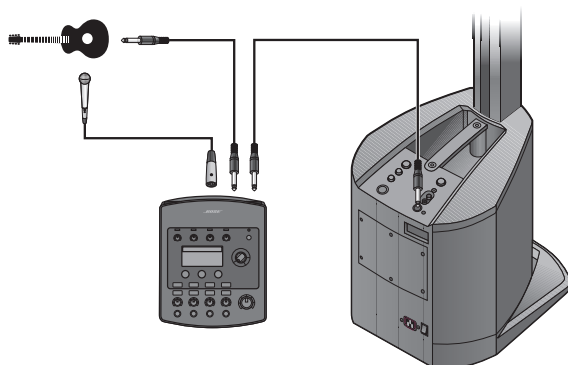
要进行更高要求的表演，音乐家在其装备中增加选购的 T1 ToneMatch® 音频引擎。T1 提供扩展的输入和输出、对高品质音效的使用、动态处理以及我们最先进的音调预设库。此外，T1 ToneMatch® 音频引擎还提供其它输入/输出功能。

选购的 T1 ToneMatch® 音频引擎必须使用选购的电源。要了解有关 T1 ToneMatch® 音频引擎的更多信息，请访问 www.Bose.com/musicians。



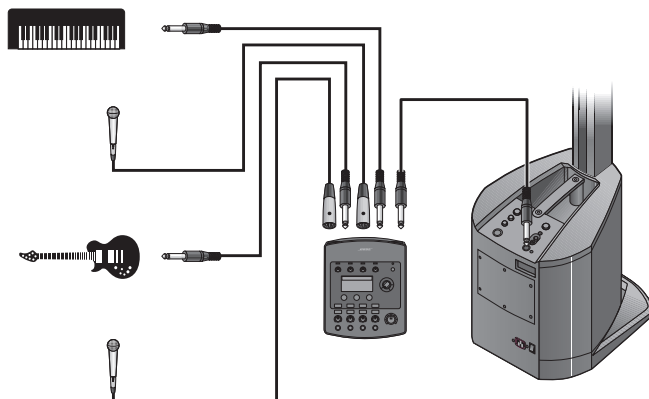
一位音乐家

一位音乐家可在其装备中增加麦克风和 T1 ToneMatch® 音频引擎。



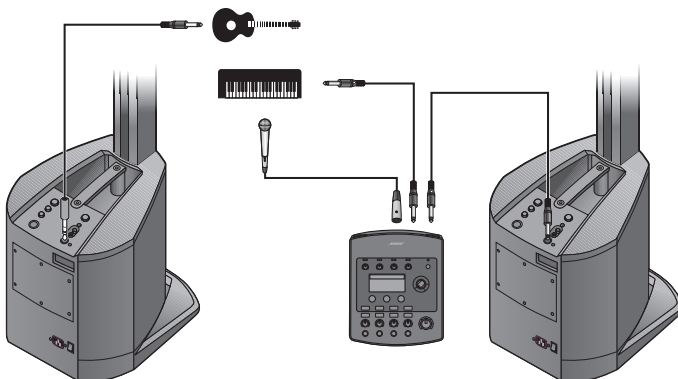
多位音乐家

在此方案中，一个键盘 - 吉他二重唱通过一个 T1 ToneMatch® 音频引擎和一套 L1® Compact 系统唱歌和演奏。



混合装备

更讲究的多位音乐家装备可能如下所示。此方案采用两套 L1® Compact 系统和一个 T1 ToneMatch® 音频引擎。



维护与保养

产品的保养

清洁

- 请仅使用柔软的干布清洁产品外壳。
- 请勿使用任何溶剂、化学品或含酒精、氨水、研磨剂的清洁剂。
- 请勿使液体溅到产品附近，或使液体溅入任何开口中。
- 必要时，可使用吸尘器小心地吸净 L1® Compact 电源支架格栅板中的灰尘。

故障诊断

如果在使用本产品时遇到问题，请尝试以下解决方案。

建议的故障诊断工具

- 备用交流电源线
- XLR 和 ¼ 英寸耳机插头线

问题	措施
系统已接电，电源开关已打开，但电源 LED 不亮	• 确保使用的是自带的 L1® Compact 有源底座电源线。 • 确保电源线与有源底座和交流插座都完全接合。 • 确保交流插座已通电。尝试从同一交流插座操作一盏灯或其它设备。 • 尝试使用其它电源线。 • 如果可能，用另一个有源底座做尝试。
电源 LED 点亮但没有声音	• 确保调高了有源底座 Volume（音量） 控制的音量。 • 确保调高了乐器音量控制的音量。 • 确保乐器或音源插入到了正确的输入插口。 • 使用其它电缆将乐器或音频源连接到电源支架。
L1® Compact 扬声器阵列缺少中高频	• 处于折叠状态时，请始终将系统置于桌面上，以与听者的耳朵处于同一水平线。 • 确保 L1® Compact 延长立柱和 L1® Compact 扬声器阵列与连接器的连接紧密。 • 确保连接未弯曲或断裂。 • 尝试用电子触点喷雾式清洁剂清洁扬声器顶部和底部的触点。
乐器或音源的声音失真	• 降低所连接音源的音量。 • 如果连接的是外部混音器，请确保混音器上的低、中、高均衡控制都设置到中间位置。 • 降低混音器的输出电平。
麦克风有啸叫现象	• 调整麦克风的位置，使其不正对着其对应的 L1® Compact 扬声器阵列。 • 尝试调整麦克风的位置，使其尽量靠近您的嘴唇。 • 尝试其它麦克风。 • 尝试调整 L1® Compact Portable Line Array System 和/或表演者在舞台上的位置。 • 增大扬声器与麦克风的距离。 • 如果使用了人声效果器，请确保其不会引发啸叫。

Bose® 社区留言板

要与其他 L1® 产品用户进行交互，以及了解有关最充分利用 L1® Compact Portable Line Array System 的诀窍，请访问 Bose® 音乐家社区留言板：
<http://Bose.infopop.cc/eve>。

获得服务

要在解决问题时获得额外帮助，请拨打电话 400-880-2266 联系 Bose® 现场音乐客户服务产品及技术支持团队，或访问我们的在线支持区（英文）或 www.bose.cn（中文）。

配件

访问 www.Bose.com/musicians（英文）或 www.bose.cn（中文）或者致电 400-880-2266 可了解配件信息。

有限质保和注册

L1® Compact Portable Line Array System 受有限可转让质保的保障。包装箱中随附的产品登记卡上提供了有限质保的详细内容。有关如何登记的说明，请参见该卡。未进行注册并不影响您的有限质保权利。

为获得有限质保服务，您必须做的事情：

按以下程序将产品连同 Bose® 授权经销商出具的购买证明返回：

- 1. 有关具体的返回和运输说明，请联系所在国家/地区的 Bose 组织（有关所在国家/地区的 Bose 联系信息，请访问 Global.Bose.com；
- 2. 为产品贴标签，并在预付运费后将其运至授权服务机构提供的地址；并
- 3. 在包装箱外部醒目位置处贴上任何必要的返回授权号。我们拒绝接收没有产品返回授权号（如有要求）的包装箱。

L1® Compact Portable Line Array System 受美国和其它国家/地区已发布或申请中专利的保护。

序列号和产品注册

现在，您最好在此处和产品登记卡上记录下系统的序列号。

L1® Compact 扬声器阵列 _____

L1® Compact 有源底座 _____

L1® Compact 延长立柱 _____

Bose 建议您将销售发票与本指南保存在一起。

技术信息

机械信息

部件	尺寸	重量
L1° Compact 有源底座 (带扬声器阵列)	16½" 高 x 13¼" 宽 x 16¾" 深 (41.8 cm x 33.9 cm x 42.6 cm)	24.6 lbs. (11.2 kg)
L1° Compact 扬声器阵列	16" 高 x 2¾" 宽 x 2¾" 深 (40.8 cm x 7 cm x 7.1 cm)	3.0 lbs. (1.35 kg)
L1° Compact 延长立柱 (2)	32½" 高 x 2¾" 宽 x 2¾" 深 (83 cm x 7 cm x 7.1 cm)	2.3 lbs. 每个 (1.05 kg)
折叠状态 (已组装)	16½" 高 x 13¼" 宽 x 16¾" 深 (41.8 cm x 33.9 cm x 42.6 cm)	24.6 lbs. (11.2 kg)
伸展状态 (已组装)	78½" 高 x 13¼" 宽 x 16¾" 深 (199.5 cm x 33.9 cm x 42.6 cm)	29.2 lbs. (13.3 kg)

装运纸箱

	重量
L1° Compact 扬声器	30.4 lbs. (13.8 kg)
L1° Compact 延长立柱杆	7.5 lbs. (3.4 kg)

电气信息

- 交流额定功率
100-240V ~ 50/60Hz 200W max
- 峰值浪涌电流
230V: 18.2 Amps
120V: 9.7 Amps



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AM320043 Rev.02

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