

# Peavey Electronics LN1063 Column Array Powered Speaker System User Manual

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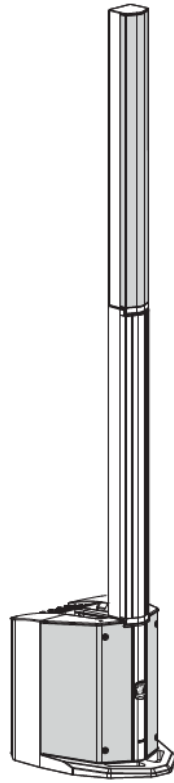


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**Peavey Electronics LN1063 Column Array Powered Speaker System**



### **READ BEFORE OPERATING THIS DEVICE**

A multi-language owner's manual has been provided to you on CD-ROM in PDF format or as a printed copy. Owner's manuals can also be found at [www.peavey.com](http://www.peavey.com) or can be requested from your local Crest distributor for that country or location. In the USA call: 877-732-8391 for a hardcopy of the owner's manual.

Intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**CAUTION:** Risk of electrical shock

**CAUTION:** To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

**WARNING:** To prevent electrical shock or fire hazard, this apparatus should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this apparatus. Before using this apparatus, read the operating guide for further warnings. Protective earthing terminal. The apparatus should be connected to a mains socket outlet with a protective earthing connection.

### **IMPORTANT SAFETY INSTRUCTIONS**

**WARNING:** When using electrical products, basic cautions should always be followed, including the following:

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 of the ventilation openings. Install in accordance with 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 plug. The wide 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 they exit from the apparatus.
11. Only use attachments/accessories provided by the manufacturer.
12. Use only with a 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. Never break off the ground pin. Write for our free booklet "Shock Hazard and Grounding." Connect only to a power supply of the type marked on the unit adjacent to the power supply cord.
16. If this product is to be mounted in an equipment rack, rear support should be provided.
17. Note for UK only: If the colors of the wires in the mains lead of this unit do not correspond with the terminals in your plug, proceed as follows: a) The wire that is colored green and yellow must be connected to the terminal that is marked by the letter E, the earth symbol, colored green or colored green and yellow. b) The wire that is colored blue must be connected to the terminal that is marked with the letter N or the color black. c) The wire that is colored brown must be connected to the terminal that is marked with the letter L or the color red.
18. This electrical apparatus should not be exposed to dripping or splashing and care should be taken not to place objects containing liquids, such as vases, upon the apparatus.
19. The on/off switch in this unit does not break both sides of the primary mains. Hazardous energy can be present inside the chassis when the on/off switch is in the off position. The mains plug or appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
20. Exposure to extremely high noise levels may cause a permanent hearing loss. Individuals vary considerably in susceptibility to noise-induced hearing loss, but nearly everyone will lose some hearing if exposed to sufficiently intense noise for a sufficient time. The U.S. Government's Occupational Safety and Health Administration (OSHA) has specified the following permissible noise level exposures:

Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems, or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

## **FCC/ICES Compliance Statement**

This device complies with Part 15 of the FCC rules and Industry Canada license-exempt RSS Standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2)

this device must accept any interference received, that may cause undesired operation.

**Warning:** Changes or modifications to the equipment not approved by Peavey Electronics Corp. can void the user's authority to use the equipment.

**Note** – This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **Caution**

The equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

### **FCC Radiation Exposure Statement**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

### **IC Radiation Exposure Statement**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. The antenna should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## **FEATURES**

- Bluetooth audio input for streaming music from any Bluetooth device
- 6 Channel mixer
- 2 Combi inputs with Guitar Channel selectability
- 2 Onboard guitar channels
- 1/4" Stereo input channel
- 3.5 mm input
- Mix out for additional units
- Satellite speaker carrying bag included
- 500 Watts maximum power
- 120 dB maximum SPL
- Frequency response 55 Hz – 18 kHz

## **Description**

The LN™1063 is a compact, powerful, lightweight and low-profile portable column array. Utilizing 500 watts of potential maximum power, the unit contains 6 2.75" custom drivers for the mid-high column and a custom 8" driver

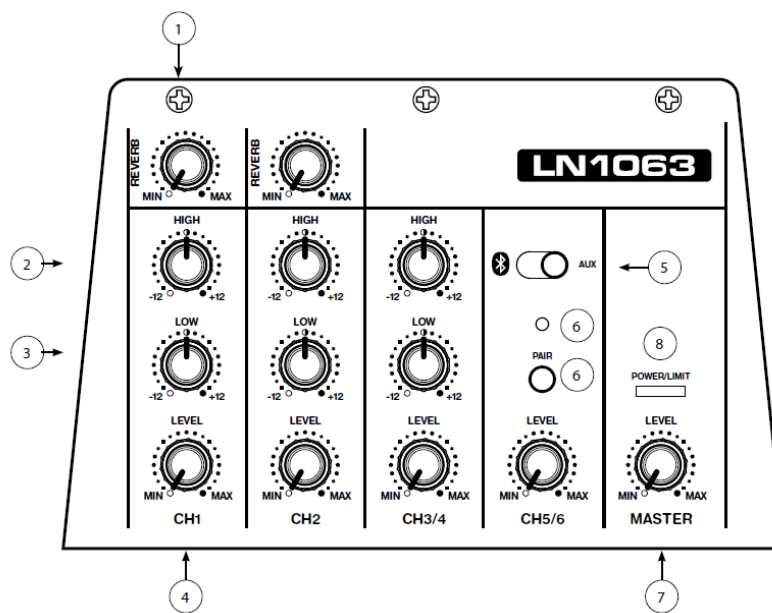
for the subwoofer. Completely self-contained, the unit has no visible cables in mono operation. Its clean design is well suited for applications where speakers should be heard and not seen. Coming in at 10lbs lighter than our nearest competitor, the LN1063 is extremely easy to carry: an entire PA system that can be moved by one person in one trip. The satellite speakers feature rugged housing and quick attachment design. The subwoofer is both durable and light-weight.

The onboard mixer features 2 combo inputs, each with the option of selecting a guitar input, making this the first column array designed specifically with the acoustic guitar performer in mind. Two additional media channels feature stereo 1/4" inputs and streaming audio Bluetooth in. Perfect for church, convention, DJ or club applications, the LN1063 offers the best-in-class feature-to-value and performance in the industry.

#### Installation Note:

This unit must have the following clearances from any combustible surface: top: 8", sides: 12", back: 12"

#### Top Panel



#### 1. Channel Reverb Control

This knob controls the amount of reverb for the corresponding channel (channels 1-2).

#### 2. High EQ (treble) Control

This is an active tone control (shelving type: +/-15dB) that varies the level of the high-frequency range.

#### 3. Low EQ (Bass) Control

This is an active tone control (shelving type: +/-15dB) that varies the level of the low-frequency range.

#### 4. Channel Level

This knob controls the level of the specific channels audio in the mix.

#### 5. Bluetooth/Aux Input Switch

This switch selects the audio source for channel 5/6. Push to the left to route the Bluetooth signal to the channel. Push to the right to route the Aux input from the 3.5mm Stereo Jack (12) to the channel.

#### 6. Pair Button/LED

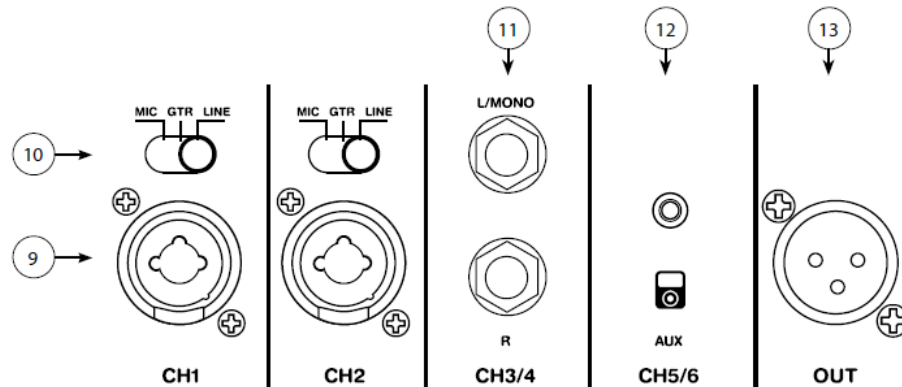
This button is used to pair a phone or Bluetooth source to the speaker. The LED will indicate if it is in discovery mode (blinking) or paired to a Bluetooth source (solid). Pushing the button turns on the Bluetooth and places the speaker in discovery mode (blinking LED). Now you should be able to connect any Bluetooth audio source to the speaker. To disconnect, press the button again, it will turn the Bluetooth off (LED dark)

#### 7. Master Level

Use to control the overall volume of the speaker system.

## 8. Power/Limit LED

The Power/Limit LED will illuminate blue when there is power applied to the speaker and the power switch (14) is in the “on” position. It will turn RED when the system has reached its maximum output



## 9. XLR Mic Input (Ch 1&2)

Use this XLR connector to connect a microphone to the LN1063 mixer.

## 10. Input Select Switch (Ch 1&2)

The Power/Limit LED will illuminate blue when there is power applied to the speaker and the power switch (14) is in the “on” position. It will turn RED when the system has reached its maximum output.

## 11. 1/4" Stereo Inputs (Ch 3&4)

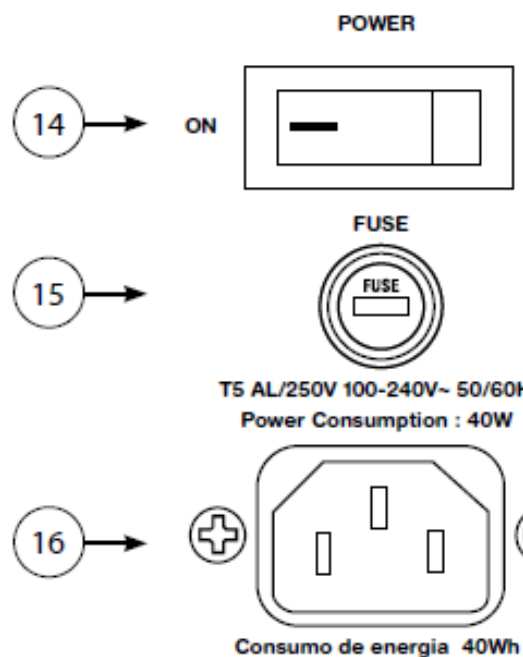
– Channels 3 and 4 are a stereo pair of 1/4" jacks (TRS) that can be used for a stereo or mono line level source. If only one jack (L/Mono) is used, it behaves as a mono source. Once both jacks are connected, it becomes a stereo source; 3 is Left and 4 is Right.

## 12. 3.5mm Stereo Inputs (Ch 5&6)

Channels 5 and 6 is a stereo 3.5mm jack that can accept a stereo line input from the output of an MP3 player, phone or other similar device.

## 13. XLR Line Output

This is a non-powered XLR output at line level that can be used to link systems together or feed additional speakers.



## 14. Power Switch

The power switch is used to turn the speaker on and off

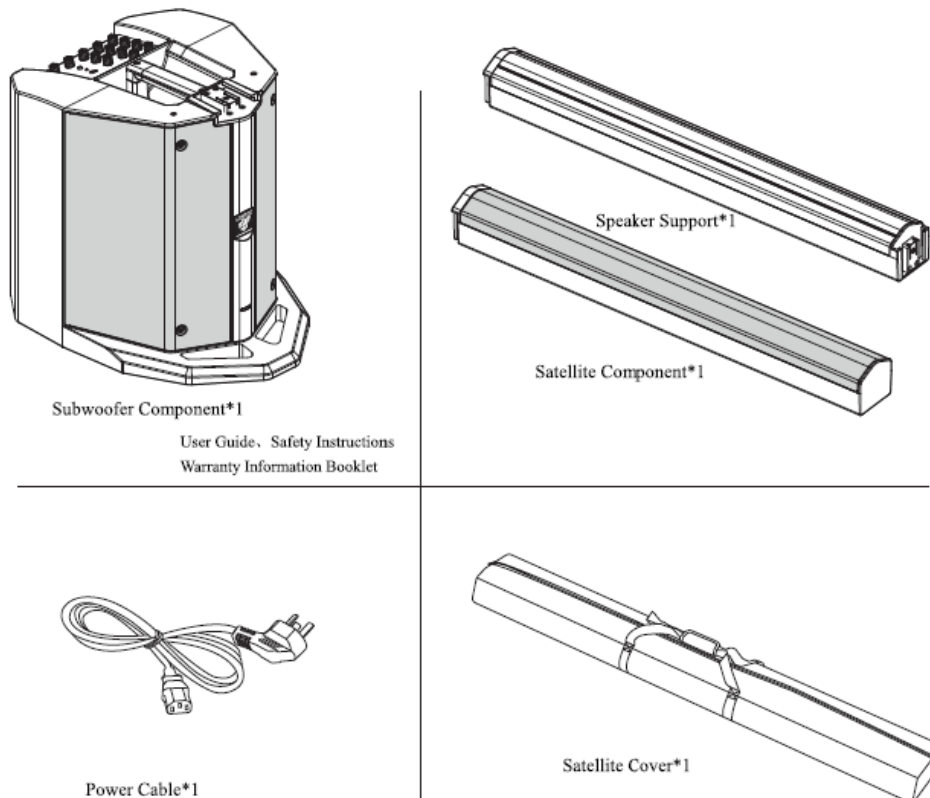
#### 15. Fuse

This is the main safety fuse for the AC line voltage. Only replace with a fuse of the exact type and rating. If the fuse continues to fail, do not replace the fuse again. Take the unit to an authorized Peavey service center.

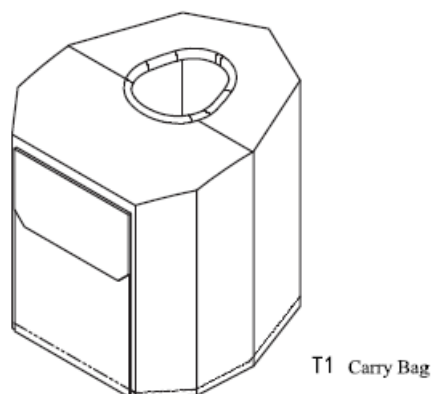
#### 16. AC Power Inlet

This is the receptacle for an IEC line cord, which provides AC power to the unit. Connect the line cord to this connector to provide power to the unit. Damage to the equipment may result if improper line voltage is used. (See line voltage marking on unit).

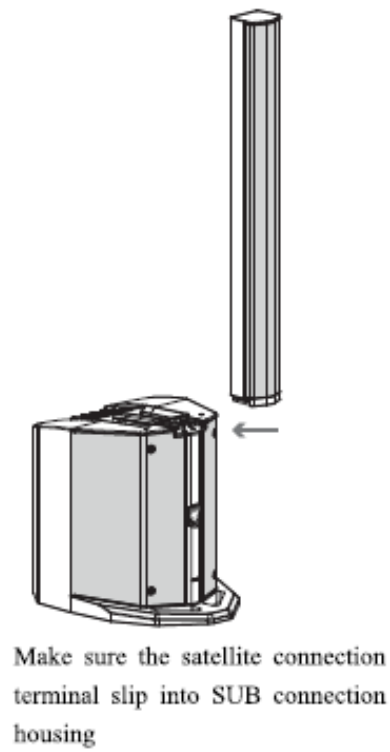
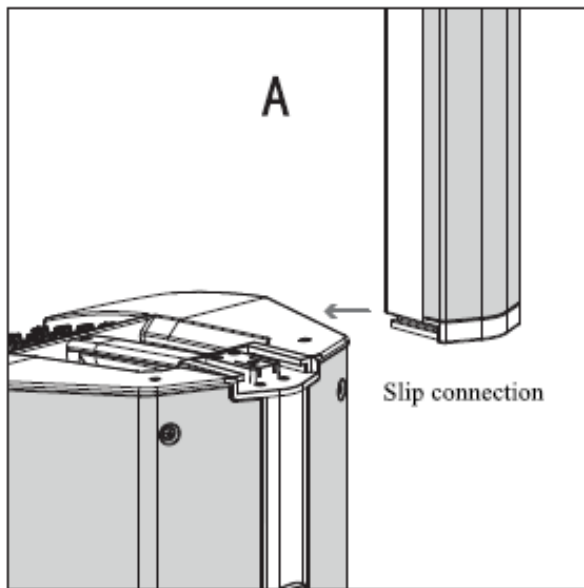
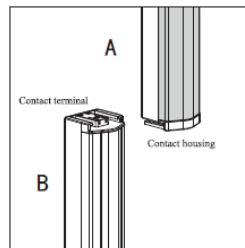
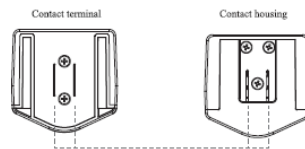
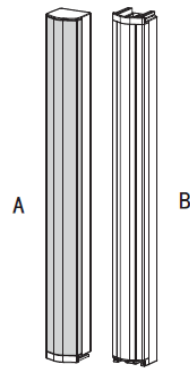
## PARTS



## Optional Accessoires



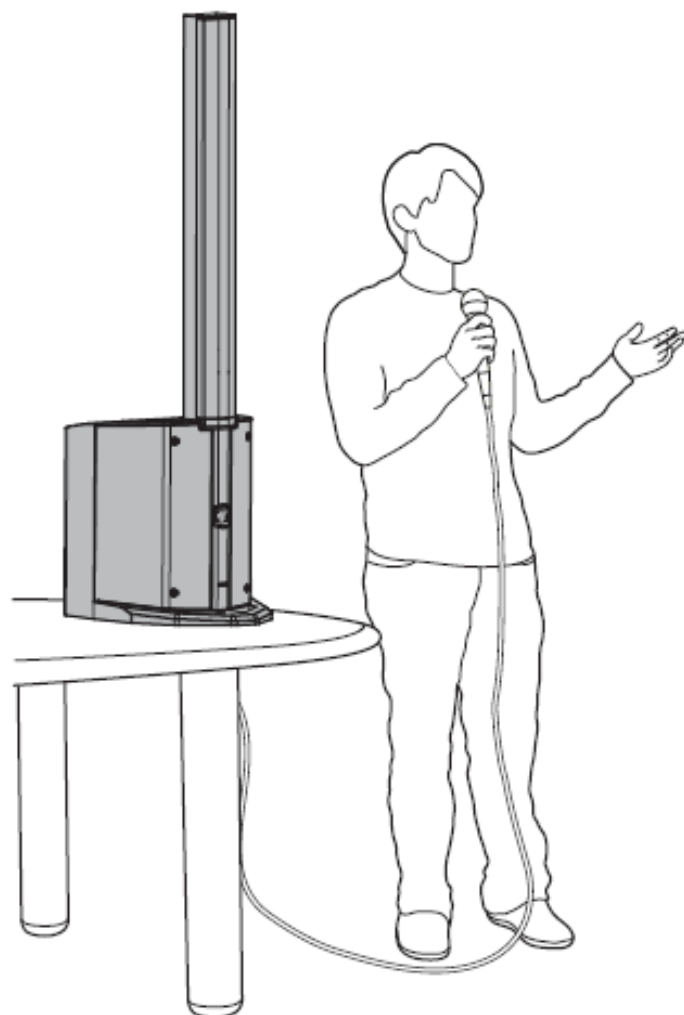
## INSTALLATION



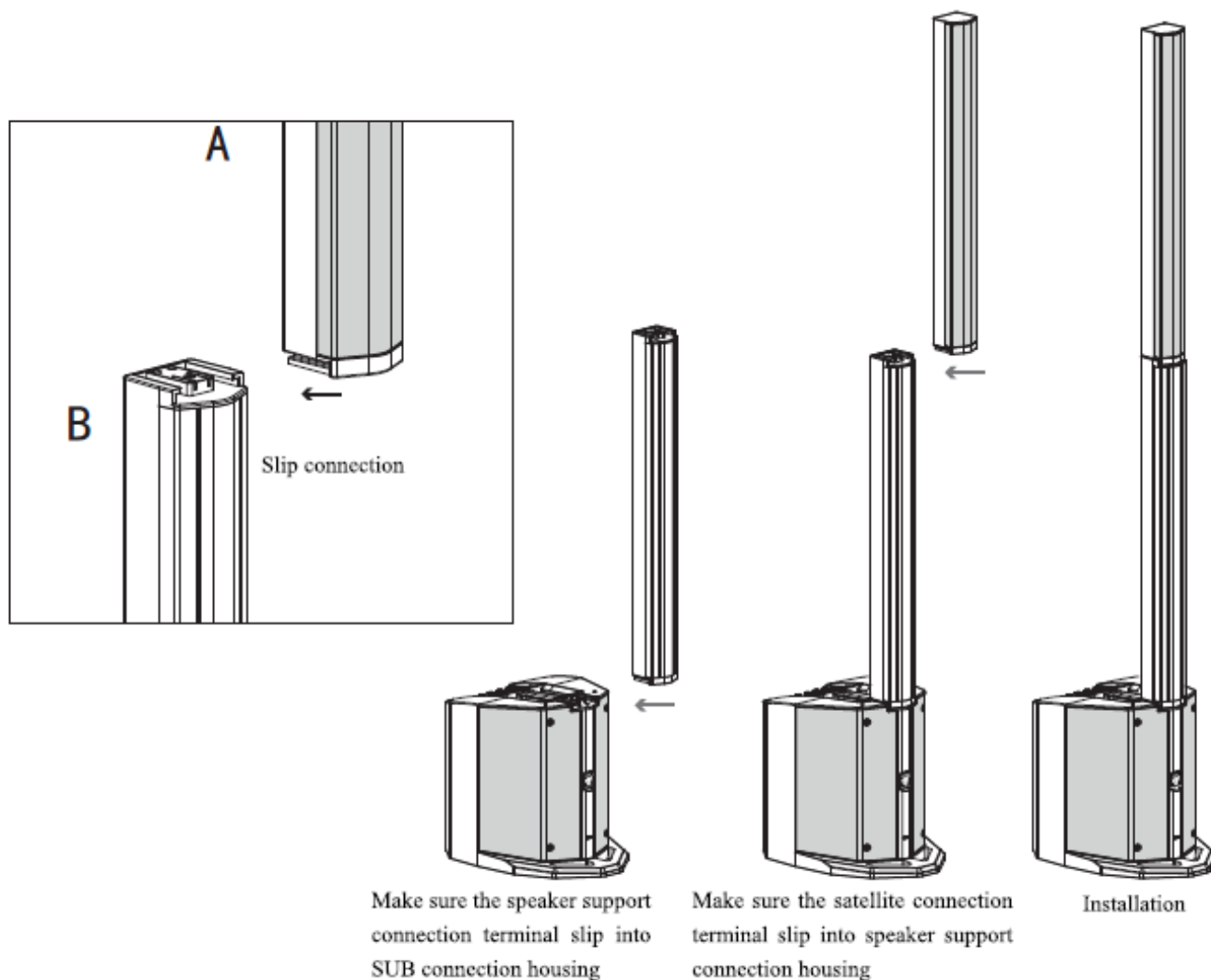


### **Smaller audiences**

- Intimate acoustic performances
- Music playback
- Presentations
- Speeches

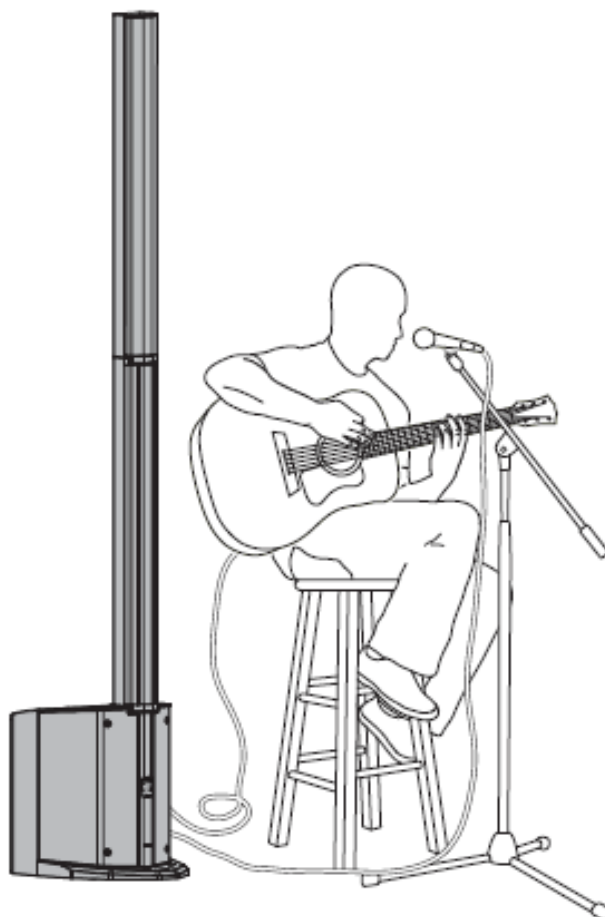


Please slip satellite component contact terminal into subwoofer contact housing. Attention, please make sure the connection completely



### ***Larger audiences***

- Musical performances
- Auditorium/coffee house
- DJ events
- Announcements larger spaces



Please slip speaker support contact terminal into subwoofer contact housing firstly, and then slip satellite

component contact terminal into speaker support contact housing. Attention, please make sure the connection complete.


## LN™1063 Specifications

- Channel 1-2 Input Mic/Line/Guitar XLR and 1/4-inch (bTRS balanced)
- Channel 3 Left/Mono Input Mono/Stereo 1/4-inch (unTRS balanced)
- Channel 4 Right Input. Mono/Stereo 1/4-inch
- Channel Input Stereo
- Maximum +4dB XLRu
- Power/Clip LED Blue/Red
- Peak Power 55-18kHz 120 dB
- Frequency Response. 6 x 2.75" drivers 5.17lbs. (2.3 kgs) 32.1 x 3.25 x 3.25 inches
- 815 x 82.55 x 82.55mm length x width x height
- Max Output SP 8" woofer, 1.5" voice coil

[www.peavey.com](http://www.peavey.com)

Warranty registration and information for U.S. customers available online at [www.peavey.com/warranty](http://www.peavey.com/warranty) or use the QR tag below

## Documents / Resources

	<p><a href="#">Peavey Electronics LN1063 Column Array Powered Speaker System</a> [pdf] User Manual LN1063, I4S-LN1063, I4SLN1063, LN1063 Column Array Powered Speaker System, Column Array Powered Speaker System</p>
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## References

-  [Peavey Electronics Corporation](#)
-  [Peavey Warranty Registration](#)