

EARTHQUAKE EARTHQUAKE®



DJ-QUAKE 2.1

Portable Speaker System

Owner's Manual

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The Sound That Will Move You

Earthquake Sound Corporation
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WARNING: This product is capable of generating high sound pressure levels. You should exercise caution when operating these speakers. Long term exposures to high levels of sound pressure will cause permanent damage to your hearing. Sound pressure levels exceeding 85dB can be dangerous with constant exposure, set your audio system to a comfortable loudness level. Earthquake Sound Corporation does not assume liability for damages resulting from the direct use of Earthquake Sound audio product(s) and urges users to play volume at moderate levels.

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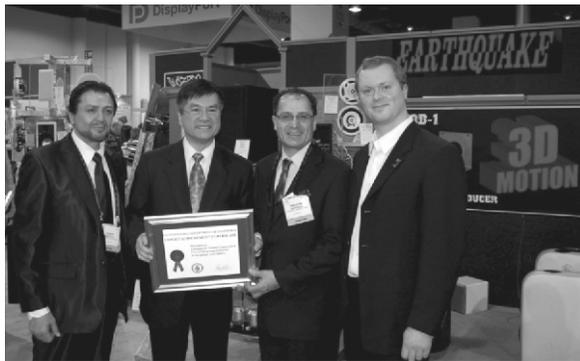
About Earthquake Sound Corporation

For over 30 years, Earthquake Sound has been producing a variety of high quality audio products that have impressed audiophile communities around the world. It all started in 1984 when Joseph Sahyoun, a music freak and Aerospace Engineer unhappy with the existing loud speaker technology and performance, decided to put his advance engineering knowledge to use. He pushed technological boundaries to the limit to create the kind of subwoofer he could live with. Earthquake quickly created a name for itself in the car audio industry and became well known for its powerful subwoofers and amplifiers. In 1997, using his existing expertise in the audio industry, Joseph Sahyoun expanded his company to home audio production.

Earthquake Sound has since evolved into a leader in the home audio industry, producing not only subwoofers and amplifiers but surround speakers and tactile transducers as well. Engineered by audiophiles for audiophiles, Earthquake Sound audio products are meticulously crafted to reproduce each and every single note perfectly, bringing your home theater experience to life. With true dedication and full attention to details, Earthquake Sound engineers continuously develop new and better products to meet customers' needs and go beyond their expectations.

From mobile audio to prosound and home audio, Earthquake Sound has been selected as the winner of many prestigious awards based on sound quality, performance, value and features. CEA and numerous publications have awarded Earthquake Sound with over a dozen design and engineering awards. Additionally, Earthquake Sound has been granted many design patents by the USPO for revolutionary audio designs that have changed the sound of the audio industry.

Headquartered in a 60,000 square foot facility in Hayward, California USA, Earthquake Sound currently exports to over 60 countries worldwide. In 2010, Earthquake Sound expanded its export operations by opening a European warehouse in Denmark. This accomplishment was recognized by the US Department of Commerce who honored Earthquake Sound with an Export Achievement award at the 2011 Consumer Electronic Show. Just recently, the US Department of Commerce presented Earthquake Sound with another Export Achievement award for expanding its export operations in China.



Joseph Sahyoun, US Secretary of Commerce Gary Locke, Abraham Sahyoun and Thomas Mygind



US Commercial Officer Sarah Fox and Joseph Sahyoun



Introduction

DJ-Quake 2.1 System is a portable speaker system that consists of two 4 x 4-inch array speakers and one 12-inch subwoofer with a built-in 1000-Watt amplifier (400 Watts RMS). The amplifier features balanced and unbalanced line inputs, as well as a digital media player with USB/SD and Bluetooth inputs.

The complete DJ-Quake System consists of the following separately packaged items:

BOX 1

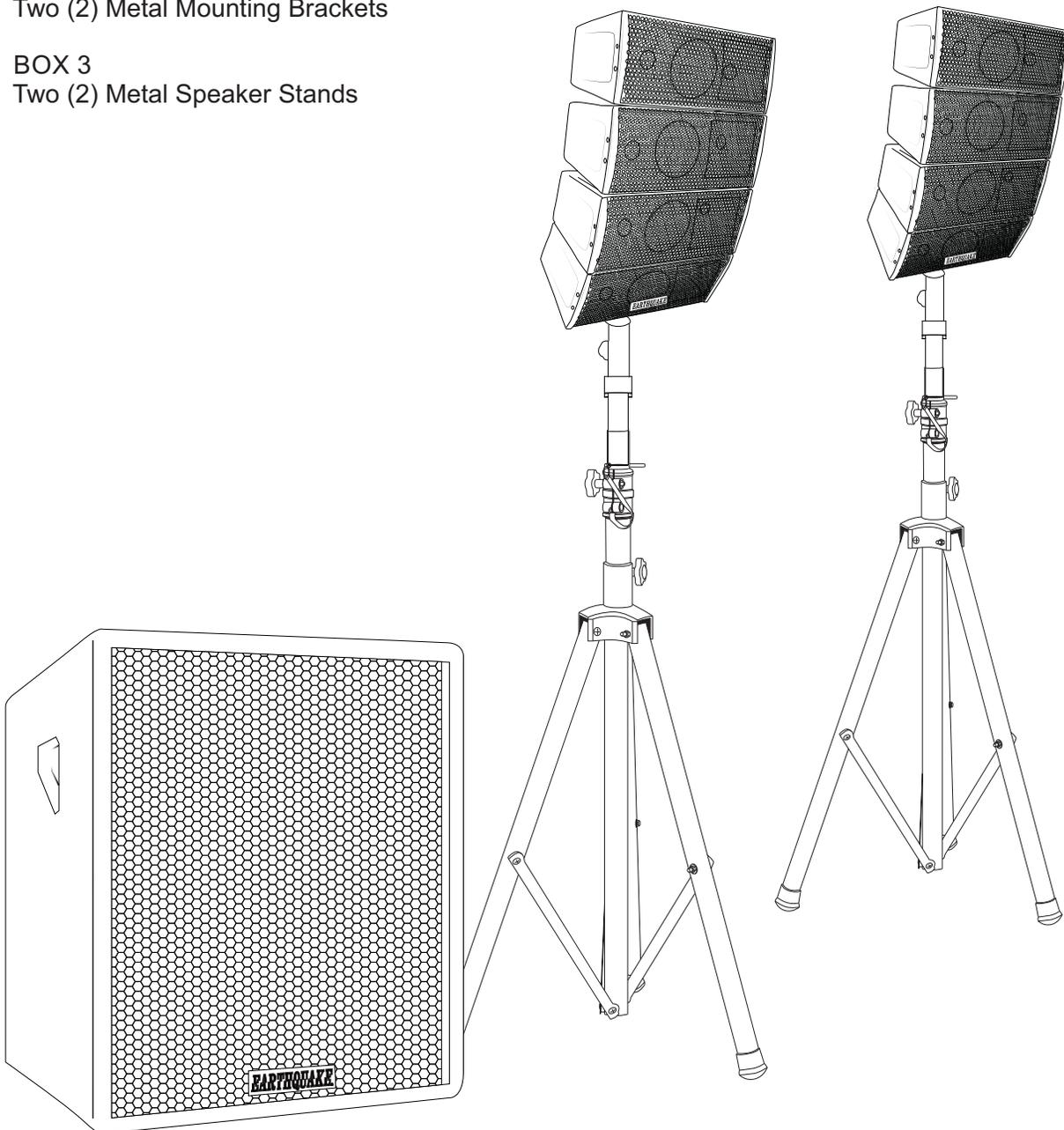
- One (1) 12" Powered Subwoofer Box
- One (1) Remote Control
- One (1) Owner's Manual

BOX 2

- Two (2) sets of 4 x 4" Array Speakers
- Two (2) 16.5 feet (5m) Sub-to-Array 1/4" TRS Speaker Cables
- Six (6) 1 feet (0.3m) Array Connecting Speaker Cables
- Two (2) Metal Mounting Brackets

BOX 3

- Two (2) Metal Speaker Stands



Safety Instructions

Safety First

This documentation contains general safety, installation, and operating instruction for the DJ-Quake 2.1 system. It is important to read this owner's manual before attempting to use this product. Pay particular attention to the safety instructions.

Symbols Explained:



Appears on the component to indicate the presence of uninsulated, dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.

CAUTION

Calls attention to a procedure, practice, condition or the like that, if not correctly performed or adhered to, could result in injury or death.

WARNING

Calls attention to a procedure, practice, condition or the like that, if not correctly performed or adhered to, could result in damage to or destruction of part or all of the product.

NOTE:

Calls attention to information that is essential to highlight.

Important Safety Instructions:

- 1) Read these instructions in their entirety.
- 2) Store this manual and packaging in a safe place.
- 3) Heed all warnings.
- 4) Follow instructions (do not take shortcuts).
- 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 apparatuses that produce heat.

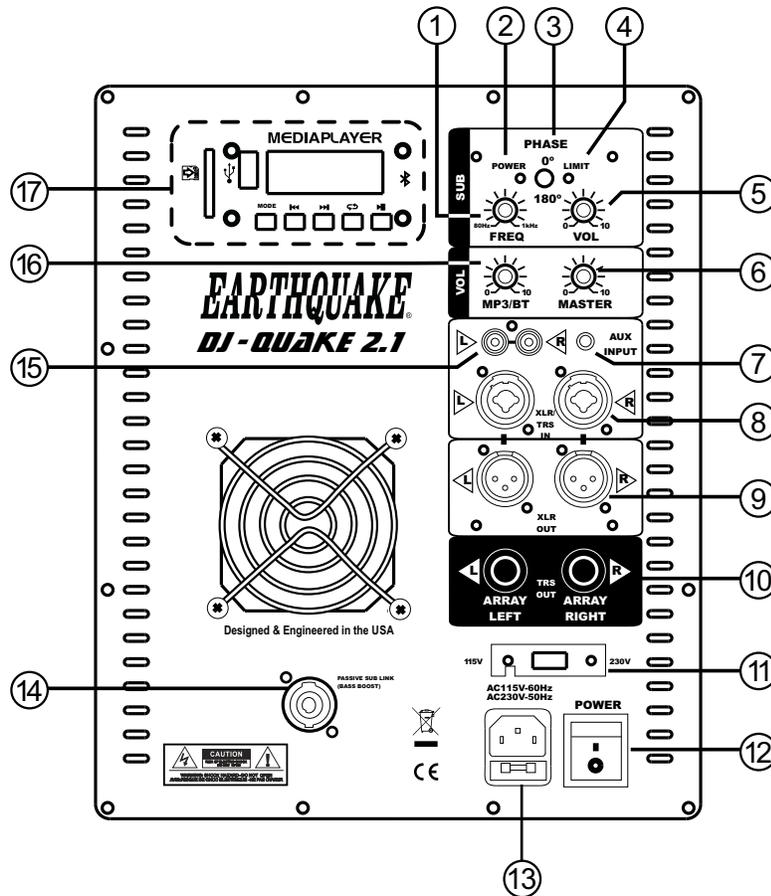
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. The grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not 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 and accessories specified by the manufacturer.
- 12) Use only a compatible rack or cart for the final resting position.
- 13) Unplug this apparatus during lightning storms or when unused for a long period of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in a 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 reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.

System Installation Considerations

There are several factors to consider before installing

- What are the intended listening zones?
- From where in each zone will the listener prefer to control the system? Where will the subwoofer be located?
- Where will the source equipment be located?

Amplifier Overview



- ① **SUB FREQUENCY CONTROL**
Use this 80Hz - 1kHz knob to set the subwoofer's cut off frequency. Signals above the set crossover frequency will be gradually rolled off to prevent them from interfering with the array speakers.
- ② **POWER LED**
This green LED indicator reflects the main power status of the amplifier. The LED will light up only when the sub is connected to a power source and its main power switch is in the ON position.
- ③ **PHASE SWITCH**
This 0° - 180° phase switch allows user to synchronize the subwoofer to obtain better and more precise bass response.
- ④ **LIMIT LED**
This red LED indicator will light and flash when the amplifier senses distortion on the sub. Simply reduce the input's volume when this LED lights up.

- ⑤ **SUB VOLUME CONTROL**
Use this knob to adjust the volume of the subwoofer and any auxiliary sub.
- ⑥ **MASTER VOLUME CONTROL**
Use this knob to control the volume of the entire DJ-Quake 2.1 system (subwoofer and array speakers).
- ⑦ **AUXILIARY INPUT**
Use this 3.5mm unbalanced stereo input to connect the DJ-Quake 2.1 system to a computer, mobile device, etc.
- ⑧ **BALANCED INPUT**
Use these XLR and 1/4" TRS combo jack to connect the DJ-Quake 2.1 system to an audio interface or mixer.

WARNING Connect only one input source at a time.

- ⑨ **BALANCED XLR OUTPUT**
Use these XLR connectors to link additional speakers or subwoofers to the DJ-Quake 2.1 system.

NOTE: This input is activated only when using the XLR or 1/4" TRS balanced inputs.

- ⑩ **SPEAKER OUTPUT**
Use these 1/4" TRS connectors to link the left and right array speakers to the subwoofer. Each DJ-Quake 2.1 system comes complete with two (2) 16.5-foot (5m) 1/4" TRS to 1/4" TRS speaker cables.

- ⑪ **115/230V AC SELECTOR**
The DJ-Quake 2.1 system can operate in a 115V or 230V environment. Before connecting the DJ-Quake to a power source, simply slide the selector switch to the required power input setting.

WARNING Use of improper voltage may result in hazardous conditions and/or damage the DJ-Quake 2.1 components that are not covered by the factory warranty.

CAUTION For your safety, please make sure the sub is not connected to any power source prior to accessing the AC selector and fuse compartment.

- ⑫ **MAIN POWER SWITCH**
This switch controls the AC power going to the DJ-Quake 2.1 system. We suggest keeping the switch in the OFF position when the system is not being used for an extended period of time.

- ⑬ **AC POWER WITH BUILT-IN FUSE**
This AC line connector is fused to protect the amplifier from unwanted power surges. Be sure to use the proper fuse rating (Ø5 x 20mm 5A/250V UL/VDE slow blow tube fuse) when replacing the existing fuse. To access the fuse compartment, simply unplug the power cable from the subwoofer, place a flat-head screwdriver in the small notch and pry it open.

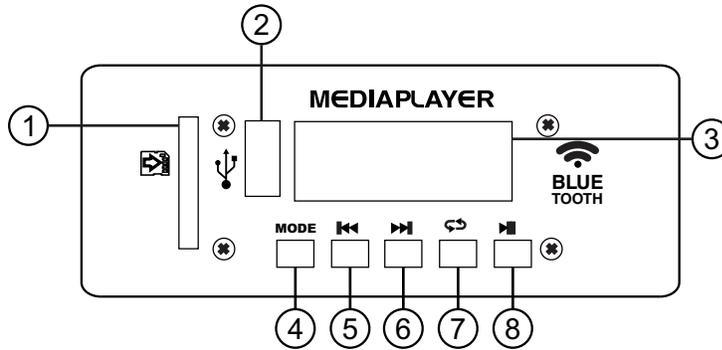
- ⑭ **PASSIVE SUB LINK**
Use this speakon connector to connect a passive subwoofer (with a minimum impedance of 8 Ohms) for a bass boosting performance.

- ⑮ **UNBALANCED RCA INPUT**
Use this RCA input to connect the DJ-Quake 2.1 system to a computer, mobile device, etc.

- ⑯ **MULTI-MEDIA VOLUME CONTROL**
Use this knob to adjust the volume for the input when using USB/SD or Bluetooth® mode.

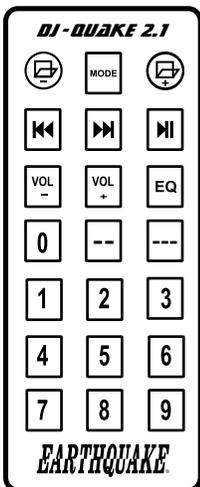
- ⑰ **MULTI-MEDIA PLAYER**
Please refer to page 8 for details of this digital media player.

Media Player Overview



- ① USB/MMC PORT**
Use this port when sourcing MP3 media from a pre-loaded SD/MMC card.
- ② USB PORT**
Use this port when sourcing MP3 media from a USB drive.
- ③ LCD DISPLAY SCREEN**
This screen will help you navigate between the modes and folders. If there is no source connected to the system, the screen will show "NO" for no source.
- ④ MODE BUTTON**
Press this button to switch between USB/SD, Bluetooth® and LINE IN modes.
- ⑤ PREVIOUS BUTTON**
When using USB/SD mode, press this button to go back to previous track.
- ⑥ NEXT BUTTON**
When using USB/SD mode, press this button to go to the next track.
- ⑦ REPEAT BUTTON**
When using USB/SD mode, press this button to repeat the MP3 song.
- ⑧ PLAY/PAUSE BUTTON**
Press this button to play or pause the MP3 song when using USB/SD mode.

Remote Control Functions



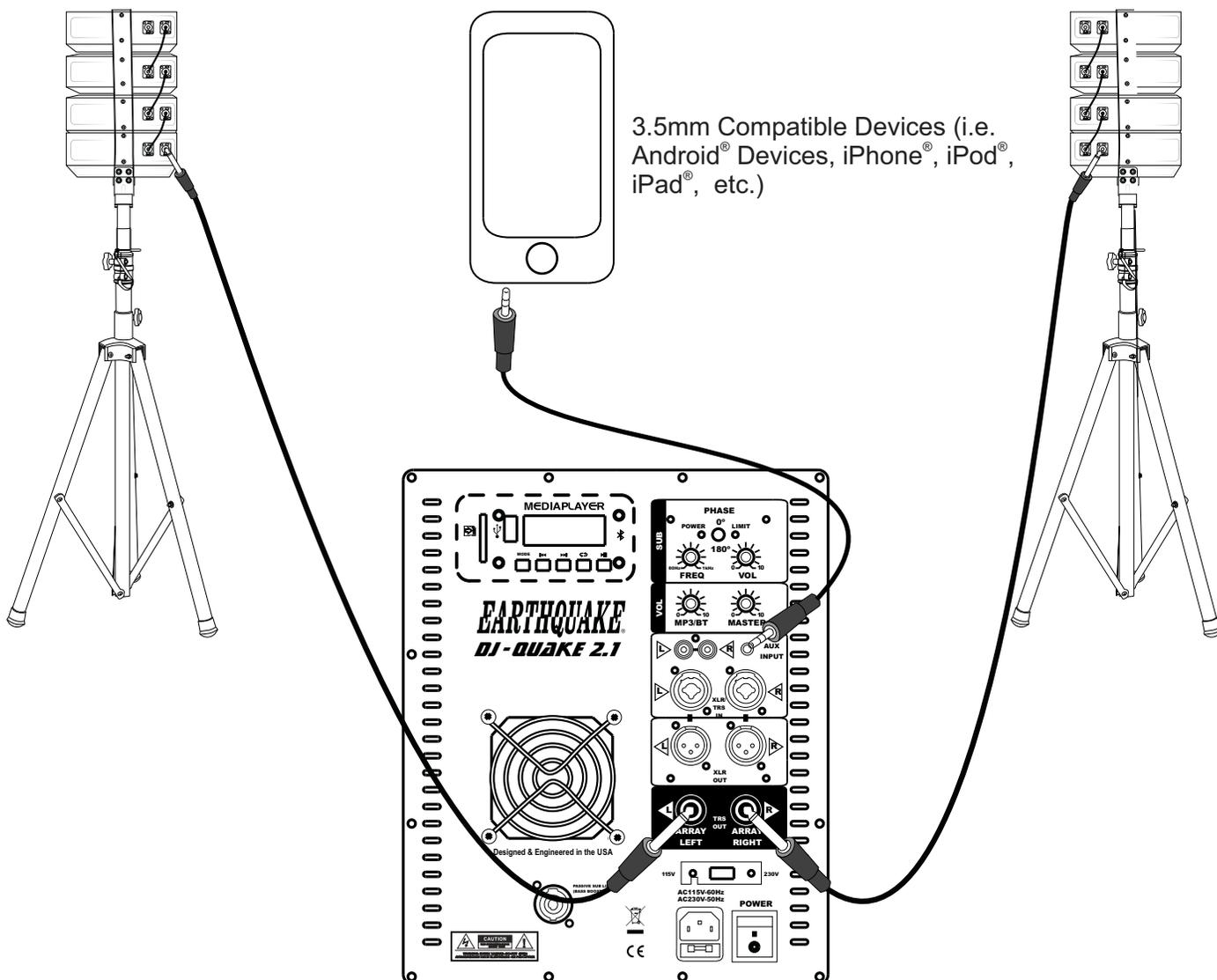
- / Press these buttons to access the previous (-) or next (+) folder when using USB/SD mode.
- Press this button to switch from USB/SD, Bluetooth® and LINE IN modes.
- / Press this button to go to the previous or next song when using USB/SD mode.
- Press this button to play or pause when using USB/SD mode.
- / Press these buttons to decrease (-) and increase (+) the volume.
- Press this button to select from the 5 preset EQs: Pop, Rock, Jazz, Classic and Country
- Press this button to select songs by 10 digit numbers.
- Press this button to select songs by 100 digit numbers.
- Press these number buttons to select the MP3 files.

Line Connection Diagrams

While the DJ-Quake 2.1 system is compatible with MP3 pre-loaded USB/SD card and Bluetooth®, it also has a multitude of different connection scenarios when using LINE IN as your input mode, enabling you easily connect a number of different audio sources and devices to achieve the desired performance and sound quality.

CONNECTING THROUGH AUXILIARY INPUT

One of the easiest and quickest connection to the DJ-Quake 2.1 system is through the auxiliary input. Any device with a 3.5mm connection may be connected into the DJ-Quake 2.1 system and used as the primary source.

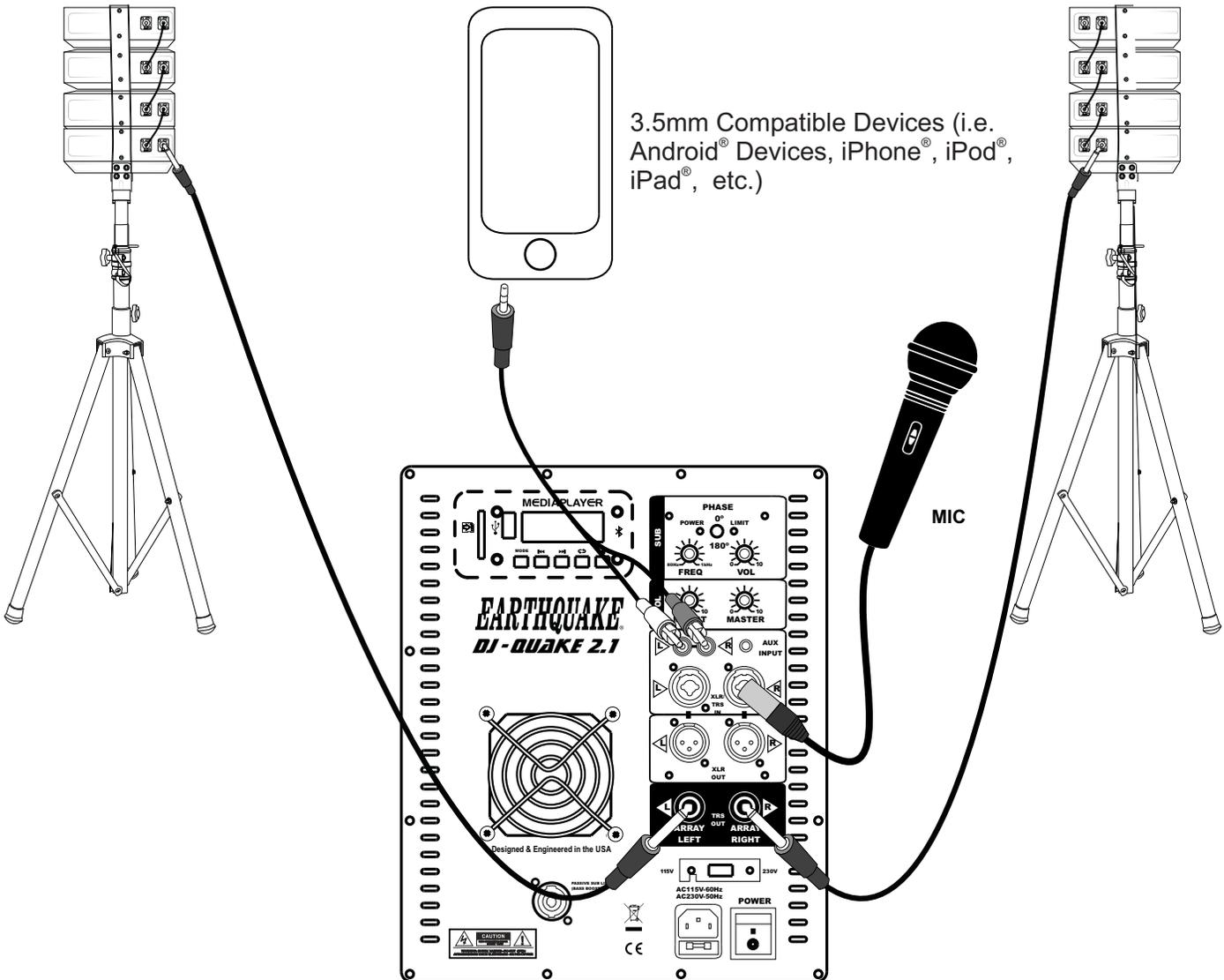


Line Connection Diagrams (cont'd)

CONNECTING THROUGH RCA INPUT & ADDING MICROPHONE VIA XLR INPUT

To add a microphone into the DJ-Quake 2.1 system, simply connect it to the amplifier via the XLR / 1/4" TRS input. This will enable you to use the auxiliary/RCA input and the microphone simultaneously.

NOTE: The microphone will be outputted only to the channel it is connected to.

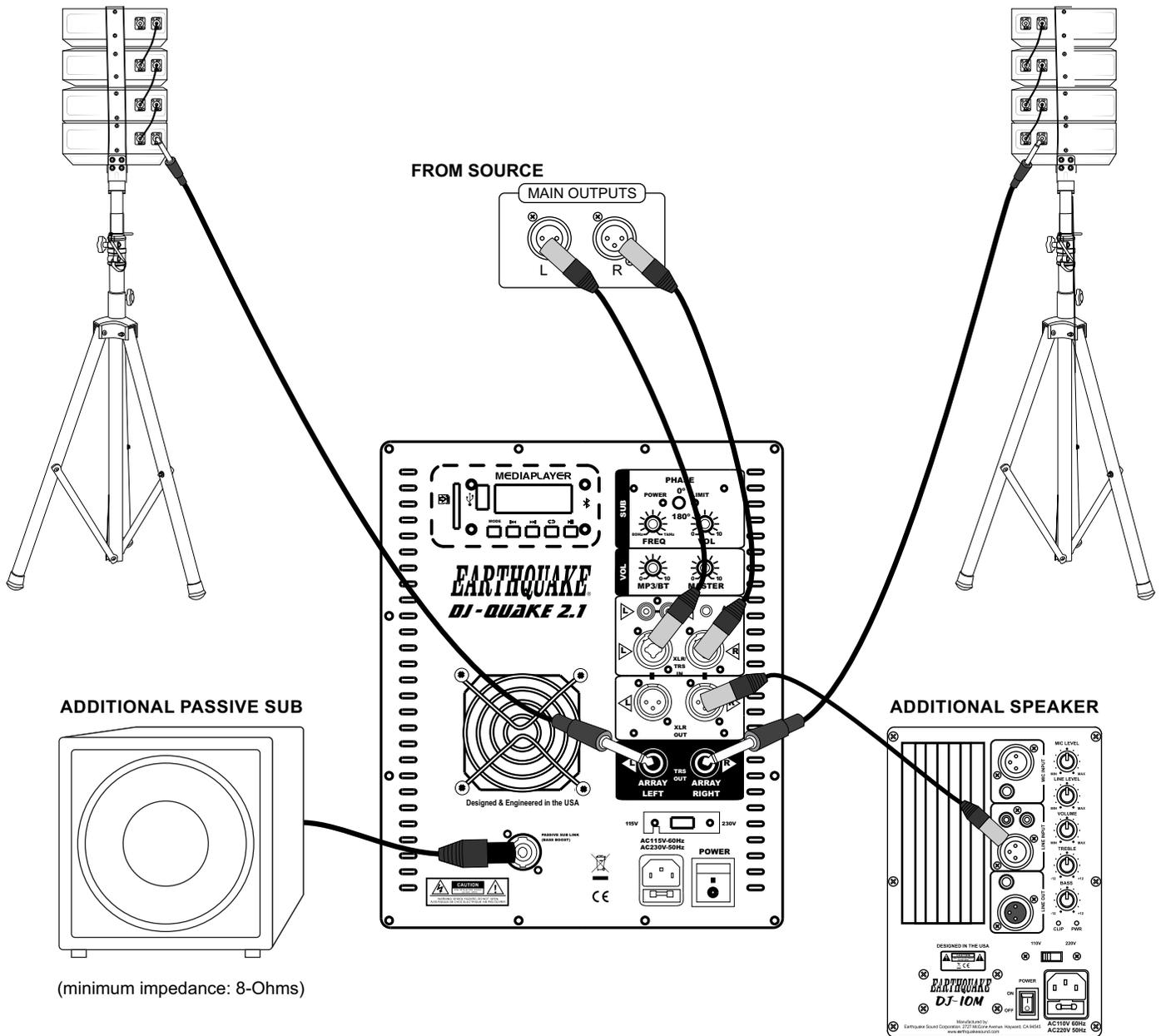


ADDING SUBWOOFER & SPEAKER TO THE SYSTEM

Giving the system's performance an extra boost of sound and bass is easy with the DJ-Quake 2.1 system. When the source is connected to the DJ-Quake XLR/TRS inputs, additional speakers can be added by connecting them to the DJ-Quake's XLR output connectors.

To add more bass, simply connect a passive subwoofer (with a minimum impedance of 8 Ohms) to the passive-sub link using a speakon cable.

NOTE: The XLR output connectors are active only when the XLR/TRS inputs are in use.

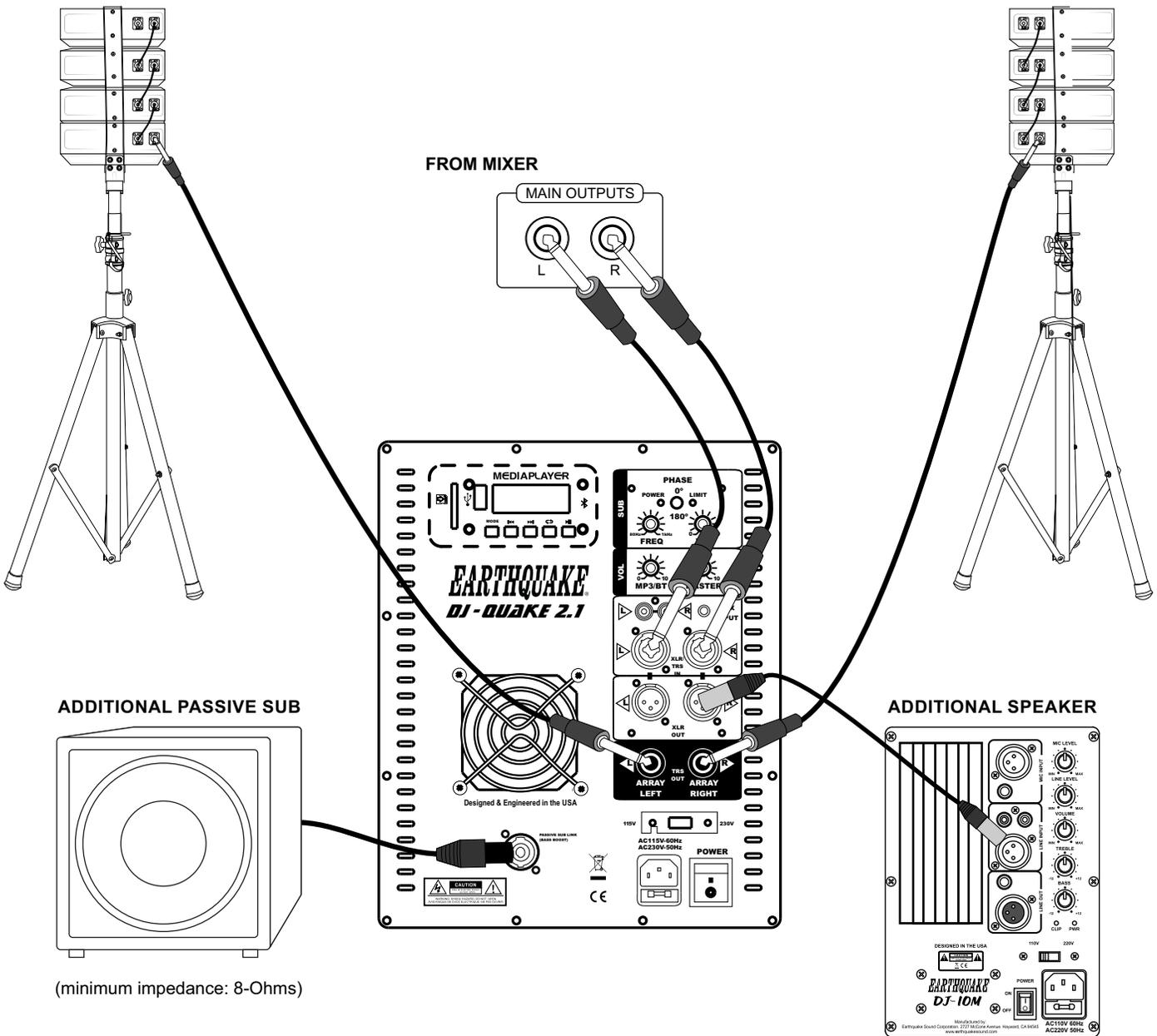


Line Connection Diagrams (cont'd)

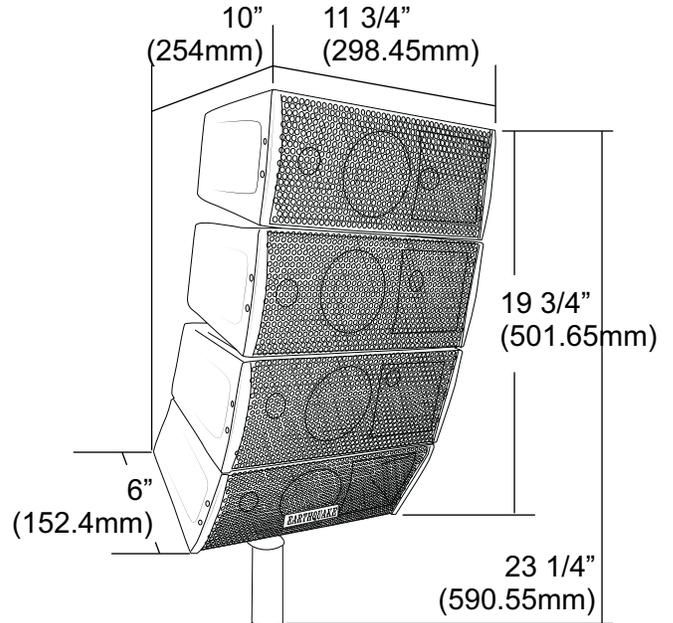
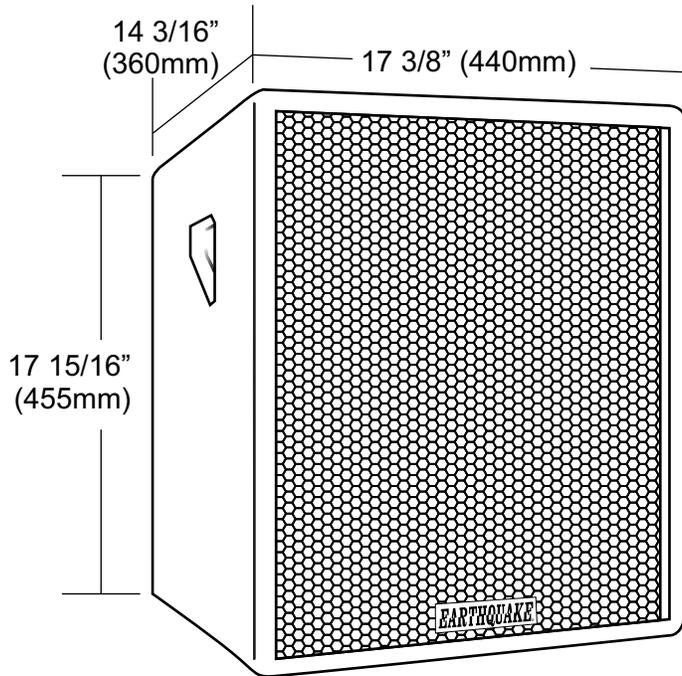
CONNECTING TO A MIXER

To further tailor the sound to your liking, a mixer can be easily added to the DJ-Quake 2.1 system. Simply connect your mixer's output to the DJ-Quake's corresponding input.

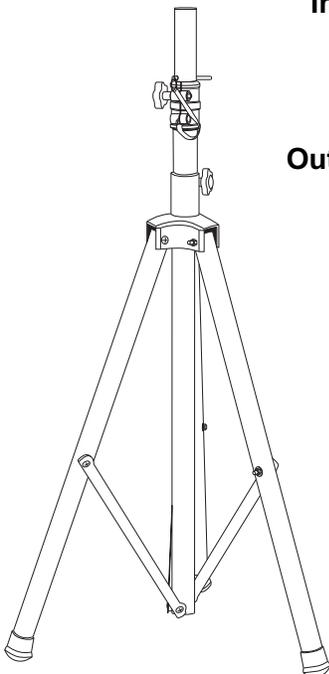
NOTE: The XLR output connectors are active only when the XLR/TRS inputs are in use.



Dimensions and Specifications



Power Output	1000 Watts (400 Watts RMS)
Subwoofer Size	12-inch
Sub Crossover Freq.	80 Hz - 1 kHz
Array Components	4-inch coaxial • 1-inch compression driver
Input Connections	USB/SD (for MP3 media) • Bluetooth® Unbalanced RCA • Unbalanced AUX Balanced XLR • Balanced 1/4" TRS
Output Connections	Balanced XLR Balanced 1/4" TRS (for the arrays) Speakon (for additional Passive Sub)



Fuse Rating	5A/250V (Ø5 x 20mm UL/VDE slow blow tube fuse)
	43 5/8" - 73 5/8" (1100 - 1870mm) height adjustment
	Steel tubing with metal collars

One (1) Year Limited Warranty Guidelines

Earthquake warrants the original purchaser that all Factory Sealed New Audio Products to be free from defects in material and workmanship under normal and proper use for a period of one (1) years from the date of purchase (as shown on the original sales receipt with serial number affixed/written on it).

The one (1) year warranty period is valid only if an authorized Earthquake dealer properly installs the product and the warranty registration card is properly filled out and sent to Earthquake Sound Corporation.

(A) One (1) years limited warranty plan coverage guidelines:

Earthquake pays for labor, parts, and ground freight (only in US mainland, not including Alaska and Hawaii. Shipping to us is not covered).

(B) Warning:

Products (sent for repair) that are tested by Earthquake technicians and deemed to have no problem(s) will not be covered by the one (1) year limited warranty. Customer will be charged a minimum of one (1) hour of labor (at the ongoing rates) plus shipping charges back to customer.

(C) Earthquake will repair or replace at our option all defective products/parts subject to the following provisions:

- Defective products/parts have not been altered or repaired by other than an Earthquake factory-approved technicians.
- Products/parts are not subjected to negligence, misuse, improper use or accident, damaged by improper line voltage, used with incompatible products or have its serial number or any part of it altered, defaced or removed, or have been used in any way that is contrary to Earthquake's written instructions.

(D) Warranty Limitations:

Warranty does not cover products that have been modified or abused, including but not limited to the following:

- Damages to speaker cabinet and cabinet finish due to misuse, abuse or improper use of cleaning materials/methods.
- Bent speaker frame, broken speaker connectors, holes in speaker cone, surround & dust cap, burnt speaker voice coil.
- Fading and/or deterioration of speaker components & finish due to improper exposure to elements.
- Bent amplifier casing, damaged finish on the casing due to abuse, misuse or improper use of cleaning material.
- Burnt tracers on PCB.
- Product/part damaged due to poor packaging or abusive shipping conditions.
- Subsequent damage to other products.

A warranty claim will not be valid if the warranty registration card is not properly filled & returned to Earthquake with a copy of the sales receipt.

(E) Service Request:

To receive product service, contact Earthquake Service Department at (510) 732-1000 and request an RMA number (Return Material Authorization). Items shipped without a valid RMA number will be refused. Make sure you provide us with your complete/correct shipping address, a valid phone number, and a brief description of the problem you are experiencing with the product. In most cases, our technicians might be able to resolve the problem over the phone; Thus, eliminating the need to ship the product.

(F) Shipping Instructions:

Product(s) must be packaged in its original protective box(es) to minimize transport damage and prevent repackaging cost (at the ongoing rates). Shipper claims regarding items damaged in transit must be presented to carrier. Earthquake Sound Corporation reserves the right to refuse improperly packed product.

A copy of the original sales receipt must accompany product returned to service. We encourage you to include a written description of the problem. Ship product to:

Earthquake Sound Corp.
2727 McCone Avenue
Hayward, CA 94545
Tel: (510) 732-1000

You are responsible for the cost of shipping the product to Earthquake Sound Corporation.

(G) Disputes Resolution:

All disputes between clients and Earthquake Sound Corporation resulting from the one (1) year limited warranty policy must be resolved according to the laws & registration of the county of Alameda California.



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