iQuake®

MODELS:
IQ-52W
&
IQ-52B

Enhanced 2.1 Media Player Surround Sound

OWNER'S MANUAL

EARTHQUAKE.
S O U N D
Sound That Will *Move* You

Table of Contents

Introduction

We would like to thank you for choosing our IQ-52 Product.

Precaution
For your security and for the correct implementation of this product, please read the safety precautions on inside cover pages 4-5.

Caution, if you want to reduce the risk of being electrocuted, do not remove the rear panel on this product. Please contact your retailer or a qualified technician for any maintenance that needs to be carried out.

When the volume is high, this system can produce noise levels that could permanently damage your hearing.

**What's in the Box?**

Your IQ-52 box contains:
- Two IQ-52 speakers (Left and Right)
- Left Speaker: Has a built-in amplifier, Volume control, Aux AC Output, S-video Output, USB Sync Connector, Input mode select, iPod® , Universal Dock Adapters, auxiliary stereo input, main RCA stereo input and right channel signal output. Right Speaker: Audio connection from left speaker on back.
- One 1/8stereo mini jack-to-RCA audio cable for use with the main inputs.
- 3 meter, 1/4TS to 1/4TS speaker cable to send right channel audio to the right speaker.
- 1.5 meter S-Video cable
- 1.2 meter USB cable.
- AC power cable.
- Universal Dock Adaptor compatible or iPod: 4pcs.
- Remote Control.
- Foam pad feet for speakers.
- Owner's Manual

Thank You

Thank you for purchasing this digital appliance. To ensure perfect operation and security, please read the manual carefully and retain it for future reference.

Safety Precautions
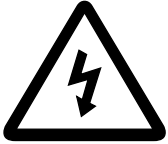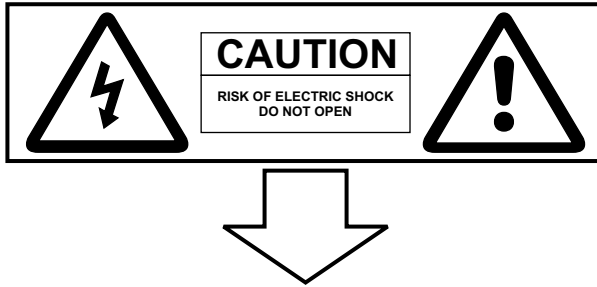
The lightning flash with the arrowhead symbol in an equilateral triangle is intended to alert the user to the presence of non-insulated "dangerous voltage" inside the appliance that may be of sufficient magnitude to constitute a risk of electric shock.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

Important Safety Instructions

- Read these instructions.
- Retain these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this appliance near water.
- Clean only with a dry cloth.
- Do not block any of the ventilation openings that were installed in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- 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 wide blade or the third prong is provided for your safety. If the plug provided does not fit into your outlet, consult an electrician to ensure replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where it exits from the appliance.
- Only use attachments/accessories specified by the manufacturer.
- Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the appliance. If using a cart, be careful when moving the cart/appliance combination to avoid injury from tip-over (Figure 1).
- Unplug this appliance during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the appliance has been damaged in any way, for example, the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen inside the appliance, the appliance has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING: To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION: The appliance should not be exposed to drips or splashes of water. Objects filled with liquids, such as vases, should not be placed on the appliance.

IQ-52 Speaker Features

Front Panel Features

- **iPod® Universal Dock Adapters:** Plays & Charges an iPod®
- **Tweeter:** 1" Magnetically Shielded Natural Silk Dome
- **LED:** Indicates whether the speakers (amplifier) power is on or off.
- **Infrared Receiver:** Receives signals from the remote control
- **Woofer:** Magnetically shielded 5-1/4" woofer with carbon fiber cone .
- **Enclosure:** Like the other components, the IQ-52's enclosure has an important role in shaping the overall sonic response. In order to provide more stable performance, the IQ-52's enclosure employs a special high acoustic efficiency MDF and unique interior reinforcement designed to absorb vibration and impact generated under extreme conditions. The exterior of the enclosure is finished with multi-layers of Glossy Lacquer paint. (white or black)
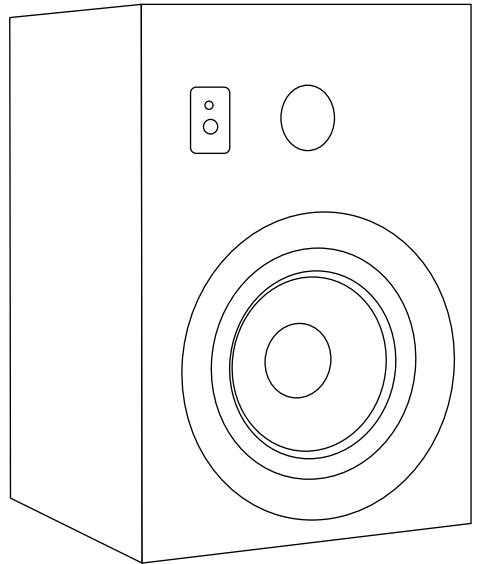
Rear Panel Features

- **Input Mode:** iPod®, RCA, AUX mode select button.
- **USB:** To sync your iPod® with your computer.
- **S-Video:** A standard 4-pin S-Video cable connector.
- **RCA Input:** Used to connect signals from unbalance, -10dBv devices. The white connector is for the Left input and the red connector is for the Right input.
- **AUX Input:** For maximum flexibility, we have included a stereo "Aux in" input allowing a secondary audio source (such as your portable music player, computer, etc.).
- **Volume control:** Use the volume control to set the output sound pressure from the IQ-52 system to proper levels as required.
- **Vent Port:** This port extends the reproduction of very low frequencies.
- 1/4" TS Output: Use 3 meter, speaker cable included in the IQ-52 package to connect the left and right speakers via the 1/4" TS jacks on the back of each speaker.
- **Power Switch:** This Switch turns the device on and off, The on position is indicated with the marking "•" (a white dot).
- **Power Receptacle with Fuse Holder:** Accepts a detachable 3-circuit line cord in order to power the device. Holds the external main fuse; 110V = 2A, 220V=1A.
- **Aux AC Output:** Power outlet for AirPort Express® or wireless repeater devices.
- **SUB Out:** Supply signal below 80Hz Low Frequency for subwoofer.

IQ-52 Amplifier Overview

Push button to select the following inputs: iPod®, RCA, AUX mode select button. For switching between TV, iPod®, computer, game system etc.

The SUB OUT connection is for upgrading your bass with a subwoofer, such as the MiniMe-P8.

The USB connection is so that you can easily sync your portable device with your computer

S-Video connects to your TV so that you can play videos from your portable media device.

Manual volume control to adjust the right and left speaker volume up or down.

RCA Input for connection signals from your TV, Computer etc.

AUX Input for maximum flexibility. We included a stereo AUX Input to allow a secondary audio source, such as your portable device or computer.

AirPort Express® bass station plug in. Easily create a wireless network at home. Enjoy your music libraries in virtually any room of your house.
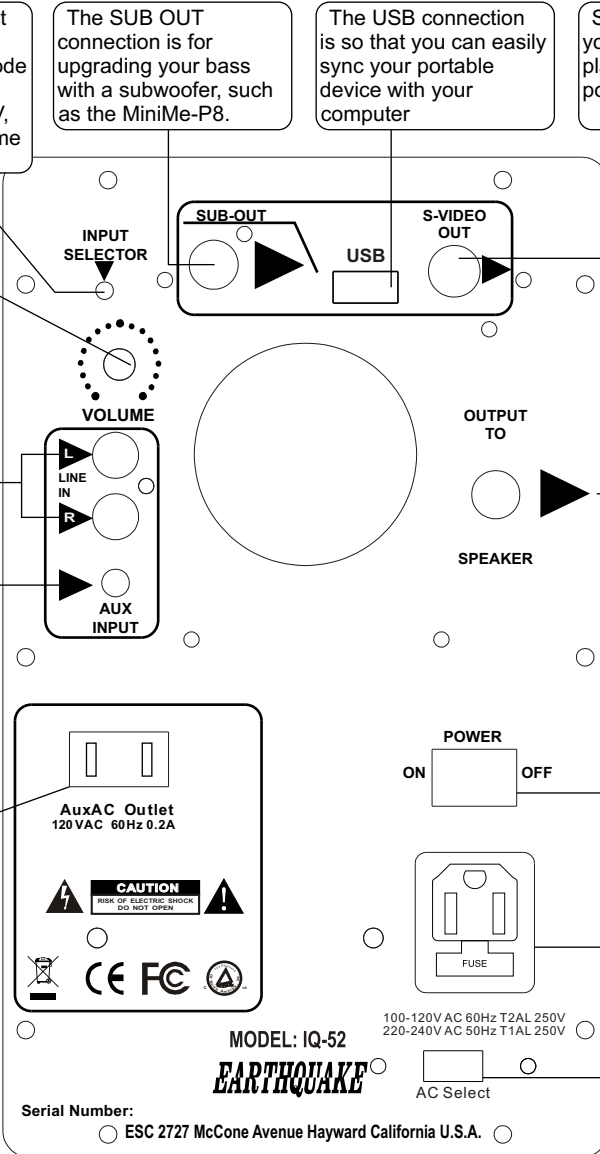
In order to hear volume from both speakers you need to connect to the other speaker's back plate using the provided 1/4" TS output.

Manual ON/OFF switch. ON is indicated by the white dot.

Power connection with fuse holder. Accepts standard three-prong line cord. 110V = 2A 220V = 1A

AC Select is used to match your speakers with the voltage of your home. This is usually used for folks who live in countries other than the US.

INPUT SELECTOR

SUB-OUT

USB

S-VIDEO OUT

VOLUME

OUTPUT TO

LINE IN

R

AUX INPUT

SPEAKER

POWER

ON **OFF**

AuxAC Outlet
120 VAC 60Hz 0.2A

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

FUSE

100-120V AC 60Hz T2AL 250V
220-240V AC 50Hz T1AL 250V

AC Select

MODEL: IQ-52

EARTHQUAKE

Serial Number:
ESC 2727 McCone Avenue Hayward California U.S.A.

IQ-52 Remote Overview

Remote Control Features

- **BACK LIGHT:** Press to turn on iPod back light for 30 seconds
- **MUTE:** Press to change between mute and mute off.
- **REPEAT:** Press to change iPod repeat status as follows: repeat off repeat one track repeat all track repeat off.
- **VOL UP:** Press "**+**" to increase the volume.
- **SHUFFLE:** Press to change iPod shuffle status as follows: shuffle off shuffle track shuffle album shuffle off
- **REW/PREVIOUS:** Press to play previous track. Press and hold this key to scan the track backward.
- **PLAY/PAUSE:** When iPod is on, press this key to change the play status between play or pause. When iPod is on, press and hold for 2 seconds to power off iPod When iPod is off, press this key to power on iPod
- **FF/NEXT:** Press to play next track, Press and hold to scan forward through the track.
- **MENU:** Works as your iPod Menu button.
- **VOL DOWN:** Press to decrease the volume.
- **MENU UP:** Works as your iPod Menu Up button.
- **ENTER:** Works as your iPod Enter button.
- **MENU DOWN:** Works as your iPod Menu Down button.
- **iPod:** Press to select iPod Input.
- **RCA:** Press to select RCA Input.
- **AUX:** Press to select Aux Input.
- **Battery Size:** 3V
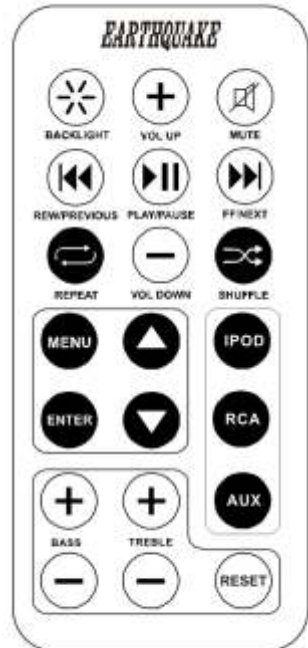
For optimal performance of the IQ-52, please read the following directions carefully before installation.

Precautions

Connections: Connect the RCA outputs of your IQ-52 to the corresponding computer sound card, portable music player, or other audio device. We recommend that you use the supplied cables (or cables of equal or higher quality) for all connections. Be sure that the IQ-52 is powered off before making any connections.

Correct Power Operation: Since the IQ-52 contains amplifiers, it must be connected to a power outlet using the detachable AC cable that is provided. Before connecting power, please make sure that the On/Off switch to the off position.

WARNING! – Use of improper Voltage may result in hazardous conditions and/or damage to speaker components not covered by speaker warranty.

Speaker Wire Connections

Use 3 meter 1/4" TS to 1/4" TS speaker cable included in the IQ-52 package to connect the left and right speakers via the 1/4" TS jacks on the back of each speaker.

Connecting to a Computer Sound Card or Other Audio Output Device

Before connecting the IQ-52 Powered Speaker System, make sure the power from the computer or other output device has been turned off and the IQ-52 system is also turned off.

Plug the RCA cable to the corresponding output connectors of a computer sound card, portable music player, etc. You can also use the 1/8" stereo mini cable to connect a secondary audio device to the AUX input.

Connecting to iPod®

iPod® Universal Dock Adapters: Plays & Charges for your iPod®
Universal Dock Adaptor compatible for iPod®s: 4pcs, the number (8-11)
I. 8#. iPod nano® 2GB 4GB
II. 9#. iPod® with video 30GB
III. 10#. iPod® with video 60GB 80GB
IV. 11#. New iPod nano® 2GB 4GB 8GB

Installation

Aux AC Outlet connecting to AirPort Express® and iTunes®

- Plug one end of the short 1/8" audio cable into your AirPort Express® audio output.

- Plug AirPort Express® into the Aux AC Outlet on the left speaker rear panel.

- Plug the other end of the 1/8" audio cable into the Aux in jack in rear of left speaks.

- To ensure optimum sound quality, simply connect it to an AirPort Express® with a digital optical audio cable. The music is then sent from iTunes® on your computer over the network to the iPod® Hi-Fi using only digital signals. Control your music from the computer in your den, but enjoy the sounds anywhere else in the house.

NOTE:
- AirPort Express® Assistant is not compatible with Windows 2000. To setup AirPort Express® from a Windows 2000 computer, you must use AirPort® Admin Utility for Windows version 4.0 or later.
- AirPort Express® uses the 802.11g wireless standard. Accessing the wireless network requires an AirPort® or AirPort Extreme® enabled computer or Wi-Fi-certified 802.11b or 802.11g computer. Achieving data rates of 54 Mbps requires that all users have an AirPort Extreme® or Wi-Fi-certified 802.11g enabled computer and connect to an AirPort Express® Base Station. If a user of a Wi-Fi-certified 802.11b product joins the network, that user will get up to 11 Mbps and AirPort Extreme and Wi-Fi-certified 802.11g users will get less than 54 Mbps. Actual speed will vary based on range, connection rate, site conditions, size of network, and other factors.

Compatible With and Designed For:

- iPod® 10GB, 15GB, 20GB
- iPod® 30GB, 40GB
- iPod mini®: 4GB, 6GB
- iPod® 20GB, U2 Special Edition
- iPod® with color display: 20GB, 30GB, U2 Special Edition
- iPod® with color display: 40GB, 60GB
- iPod® nano 2GB, 4GB
- iPod® with video: 30GB
- iPod® with video: 60GB
- iPhone®
- iTouch®
- Other MP3 players/portable audio players
- AirPort Express®
- 3rd-party base stations/remotes (by Griffin, Ten, etc.)
- LCD/plasma TVs
- Garage band®
- Video game players
- DVD/Portable DVD players
- Satellite and digital radio receivers
- PDAs and mobile phones
- All other products with 1/8" mini-jack or RCA outputs

FREQUENTLY ASKED QUESTIONS:

QUESTION: HOW COME THE VIDEO WON'T DISPLAY?

ANSWER: THE VIDEO PROCESSOR USED IN THE IQ-52 SYSTEM MAY NOT PLAY ALL DEVICES WITH VIDEO CAPABILITIES.

QUESTION: ALL IS ON. BUT WHY IS IT NOT PLAYING ANY MUSIC?

ANSWER: IF YOU CONNECTED ALL ITEMS CORRECTLY AND YOUR DEVICE IS NOT PLAYING, THEN CHECK THE INPUT SELECTION TO ENSURE THAT THE CORRECT SOURCE IS SELECTED.

iPOD: CHOOSE THIS TO LISTEN TO YOUR CONNECTED iPOD
RCA : CHOSE THIS TO LISTEN TO THE AV COMPONENT CONNECTED VIA RCA CABLES
AUX: CHOSE THIS TO LISTEN TO THE AV COMPONENT CONNECTED VIA AUX INPUT

Specifications

Type:	Two-way Powered Speaker System
LF Driver:	Woofer: 5-1/4" Magnetically Shielded Carbon Fiber Cone
HF Driver:	Tweeter: 1" Magnetically Shielded Natural Silk Dome
Frequency Response:	45Hz-22KHz
Crossover Frequency:	3.0KHz
S/N Ratio:	>95dB (typical, A-weighted)
Power:	200 Watts
Input Impedance:	10K Ohms Unbalanced
Polarity:	Positive signal at "+" input produces outward low-frequency cone displacement
Input Sensitivity:	100 mV pink noise input produces 95dBA output SPL at 1 meter with volume control at maximum
Protection:	RF interference, output current limiting, over temperature, turn on/off transient, subsonic filter
Indicator:	Power on/off indicator on front panel
Input Connectors:	iPod® Universal Dock Adapters
	RCA Inputs
	Aux Inputs
Output Connectors:	Aux AC Output
	TRS Output
	S-Video Output
	USB Port-Sync
Input Mode:	iPod®, RCA, Aux Input Select
Power Requirements:	120V/60Hz
Dimension:	272.5mm(H) x 185mm(W) x 201mm(D)
Weight:	10Kg(without packaging)
Finish :	Multi Layer High Gloss Piano Lacquer
Color:	Black, White

Five (5) years limited warranty: **MODEL# IQ52**
Earthquake warrants the original purchaser that all Factory Sealed New Audio Products be free from defects in material and workmanship, under normal and proper use, for a period of five (5) years from the date of purchase (as shown on the original bill of sale with serial number affixed/written on it). The five (5) years limited warranty period is valid only if the product is properly installed by an Earthquake authorized party, and the warranty registration card is properly filled out and sent to Earthquake Sound Corporation. **If the product is installed by a non-authorized party, a ninety (90) days warranty period applies**.

(A) Five (5) years limited warranty plan coverage guidelines:
- **First year**: Earthquake pays for labor, parts, and ground freight (only in US mainland, not including Alaska and Hawaii) back to customer.
- **Second, Third, fourth & fifth year**: Earthquake pays labor only. Customer must pay for parts and shipping and handling both ways.

(B) Warning:
Products (sent for repair) that are tested by Earthquake technicians and deemed to have no problem will not be covered by the five (5) years limited warranty. Customer will be charged a minimum of one (1) hour of labor (ongoing rates) plus shipping charges back to customer.

(C) Earthquake agrees to repair or replace - at our option - all such defective products/parts subject to the following provisions:
- Defective products/parts have not been altered or repaired by other than an Earthquake factory approved technician.
- 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:
Earthquake 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 use of improper use of cleaning materials/methods.
- Bent speaker frame, broken speaker connectors, holes in speaker cone, surround & dust cap, burnt speaker voice coil.
- Fading, 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 invoice.

(E) Service Request:
To receive product/s 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. Shipper claims regarding items damaged in transit must be presented to carrier. Earthquake Sound Corporation reserves the right to refuse product improperly packed. Original bill of sale must accompany product returned for service. We encourage you to include with the package a written description of the problem. Ship product to: **Earthquake Sound Corp. 2727 Mc Cone Avenue, Hayward, CA 94545. Ph (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 five (5) years limited warranty policy must be resolved according to the laws & regulations of the county of Alameda -California.