

gracedigital

Rock Sounders

Weatherproof Wireless 900MHz Speaker System



User Guide

Model no.: GDI-AQRCK400 / AQRCK41

Please read before using the equipment

IMPORTANT: Please **read your User's Guide** before using your system

INTRODUCTION

Your ROCK SOUNDER speaker system is designed using the latest wireless technology to enjoy audio anywhere inside or outside your home. Simply connect the desired audio source (Radio, TV, VCR, Hi-Fi and CD/MP3/VCD/DVD player) to the speaker transmitter.

IMPORTANT SAFETY INSTRUCTIONS

1. Read & keep these instructions.
2. Keep these instructions.
3. Follow all warnings and cautions
4. Do not use this apparatus near water.
5. Do not install near any heat source such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Do not open the cabinet as this might result in damage to the circuitry or electrical shock. If a foreign object should get into the set, contact your dealer.

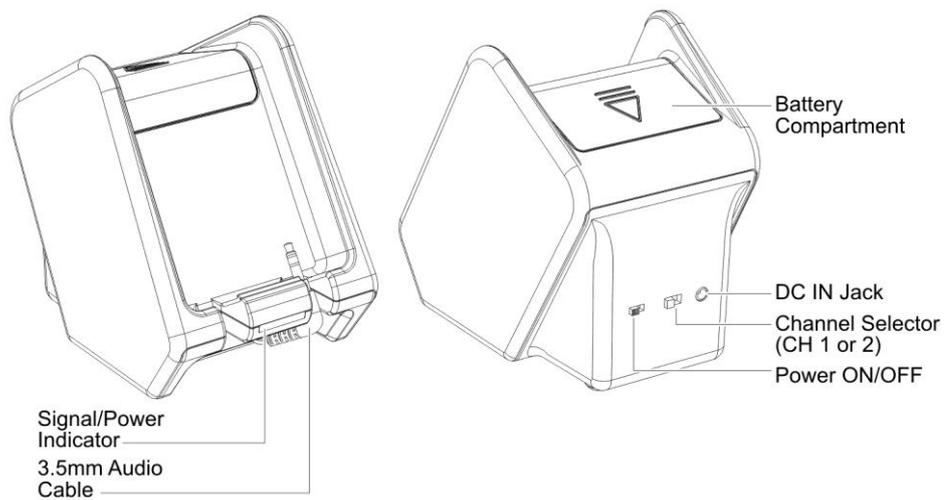
WARNING
POWER ADAPTOR: The power adaptor included with your unit is intended for indoor environments and use. Do <u>NOT</u> use the power adapter in moist or wet environments. Where there is a chance of rain, you may operate the speaker with battery power. <u>NEVER</u> use the adaptor with your Speakers in any type of body of water. Use batteries power only when used in water
CAUTION
RISK of ELECTRIC SHOCK – do <u>NOT</u> open! Do <u>NOT</u> remove casing. No user serviceable parts inside. Refer servicing to qualified service personnel.
WARNING
This product may contain chemicals listed in Proposition 65 <u>http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html</u> that may be known to cause cancer, birth defects or other reproductive harm

FEATURES

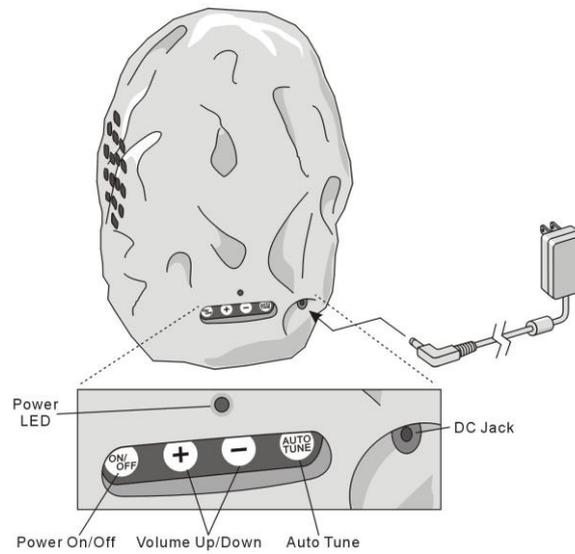
1. Automatic PLL (Phases Lock Loop) scanning system on speaker receivers.
2. PLL (Phase Lock Loop) transmitter transmission system.
3. 900 MHz RF technology rock-type outdoor speaker system.
4. RF technology lets you place the rock speaker freely anywhere in your garden.
5. Operating distance up to 150 feet.
6. No line of sight limitation.
7. Virtually interference free audio quality.
8. Auto ON/OFF control on the transmitter.
9. Auto tuning function on the speaker.
10. Auto shut-off on speaker.

COMPONENT IDENTIFICATION

TRANSMITTER

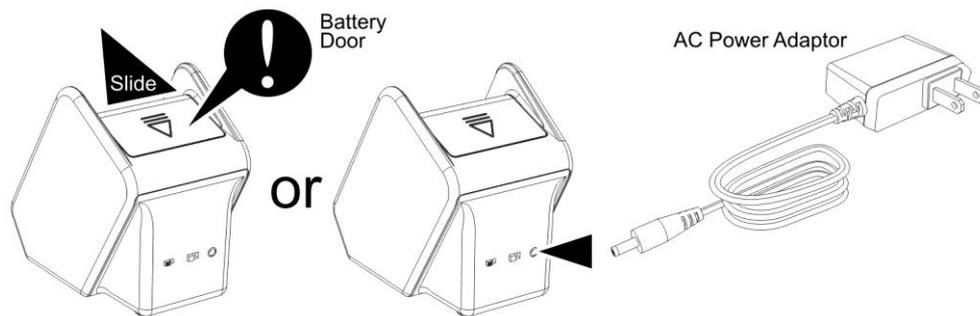


SPEAKER (RECEIVER)

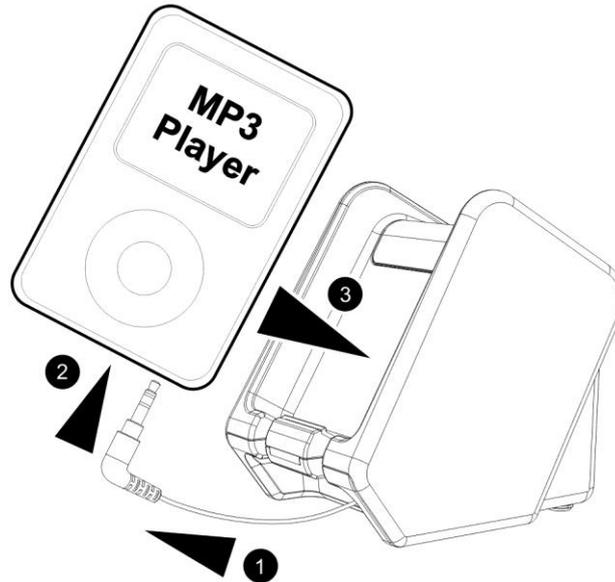


INSTALLATION

TRANSMITTER



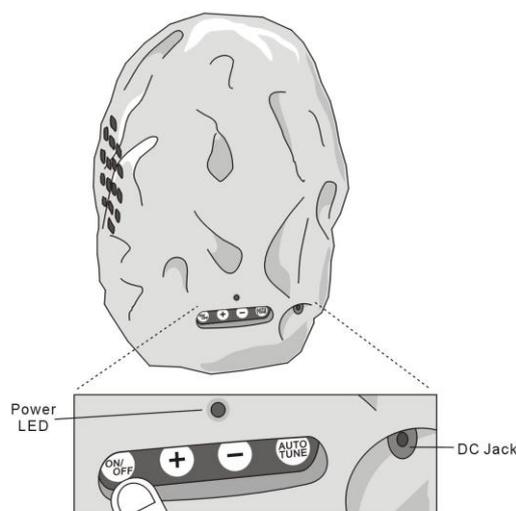
1. Connect the supplied AC power adaptor to an electrical wall outlet.
2. Plug the AC power adaptor (12V/200mA) in the DC jack located on the rear of the transmitter, or you can insert 4 X "AA" size ALKALINE batteries into the battery compartment of the transmitter with correct polarity.
3. Turn on the transmitter by set the POWER switch to ON position, and the POWER LED (blue) on transmitter will start flashing.
4. The retractable audio cord located at the front of transmitter can be connected to audio outputjack of any audio source such as i-Pod, i-Phone, MP3 handphone, Hi-Fi, MP3/CD/VCD/DVD players etc.



When the transmitter received an audio signal, the blue SIGNAL LED and the red POWER LED will illuminate together. If the blue SIGNAL LED does not illuminate, ensure the audio source is turned on.

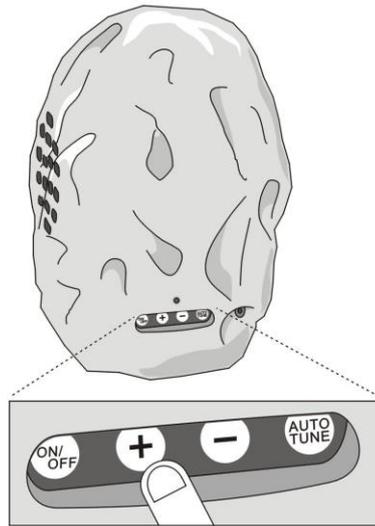
SPEAKER (RECEIVER)

1. Plug in the power adapter with the rock speaker and AC power outlet to charge the lead acid battery built inside the rock speaker. The battery pack must be charged at least **12 hours** before the first operation.
2. The rock speaker can be operated either with power supplied by battery pack or from AC outlet with connection of power adapter. When the power adapter is connected with AC outlet, the battery pack will be simultaneously charged when the unit is in operation. Press On/Off button and turn the speaker ON. The POWER LED will light up in green. Switch off the speaker by pressing the ON/OFF button on the speaker, and the LED will be off.



OPERATION

1. Turn on the audio source (TV or audio component) to which the transmitter is connected with. The green LED on the transmitter will light up.
2. Select the channel 1 or 2 of the transmitter for best performance in your location.
3. Turn on the ON/OFF button on the speaker. Press the "AUTO TUNE" button to get the best tuning reception in the speaker. When the button is pressed, frequency tuning starts automatically and it stops when a signal is detected.
4. Volume can be adjusted up by pressing "+" button or down by pressing the button "-" to the desired listening level.



5. Whenever you find frequency jam, move your channel switch from one channel to the other channel (there are two channels for selection) on the transmitter, and then press the "AUTO-TUNE" button on the speaker again.

6. Switching Off

- a) For protection of the transmitter and power saving, the transmitter will cut off automatically if there is no/weak operation input signal from audio source for 4 minutes.

IF the audio signal comes back, the transmitter will turn on automatically.

- b) Turn off the speaker by pressing the ON/OFF button, or automatically going off in approximately 4 minutes when the transmitter is off.

7. Weather Condition

- a) The rock speaker unit should be operated under the temperature range 14°F – 122°F. Operation at temperatures beyond this range may cause some damage to the unit.
- b) The rock speaker unit should be moved to indoor environment when the weather condition is at extremely worst case, like heavy downpours, snowing, or at temperatures below 14°F and over 122°F.

WARNING: POWER ADAPTORS are for INDOOR USE ONLY. IF slightly RAINING, the SPEAKER may be operated by battery, do NOT use the ADAPTORS in areas exposed to water or rain.

8. Re-charging battery

- a) Connect the power cable to the AC power outlet and speaker, batteries will be re-charged automatically.

TROUBLE SHOOTING

NO SOUND

- Ensure the AC/DC adaptor is fully inserted into the AC outlet and the power connection input on the transmitter.
- Ensure the speaker is switch ON.
- Speaker's battery capacity is low, connect the AC/DC adaptor to the speaker.
- Ensure the TV or audio component is ON.
- The volume of speaker is too low, adjust the volume to an appropriate level.

DISTORTED

- Press the "AUTO-TUNE" button on the speakers until matching the frequency of the transmitter.
- Change the position of the channel selector on the transmitter. Press the "AUTO TUNE" button on the speaker.
- Ensure the volume level of speaker is adjusted properly.
- The speaker is too far away from the transmitter, move it closer.
- The audio input level of the audio signal is too low. Turn up the volume of the audio source equipment.
- The audio input level of the transmitter is too high, lower the volume of the audio source equipment.

TECHNICAL SPECIFICATIONS

Transmission Mode	:	UHF stereo
Carrier Frequency	:	900 MHz
Operation Voltage	:	Transmitter, DC 12.5V 150mA Speaker, built-in lead acid rechargeable battery or DC 15V 1.5A adaptor
Frequency Response	:	40Hz – 12KHz
Distortion	:	1%
S/N Ratio	:	65dB
Operation Distance	:	Up to 150 feet
Output Power	:	100Watts (PMPO)
Storage Conditions	:	Put the speaker indoor if 1) Heavy downpours 2) Snowing 3) Temperature below 14°F, over 122°F
Operation Conditions	:	At temperature below 122°F, over 14°F

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

IMPORTANT: This device must be used with the AC/DC adaptor supplied in the package.

Warranty

- Your **ROCK SOUNDER (GDI-AQRCK400 /AQRCK41)** is supported by a limited manufacturer's warranty for product defects in material or workmanship that may be evident under normal use for 1 year from date of purchase from an authorized franchisee or dealer.
- The warranty stated herein is the only warranty applicable to this product. All other warranties, expressed or implied are hereby disclaimed and are limited by the written limited warranties contained herein. Except as provided herein, the manufacturer shall have no liability or responsibility to a customer or any other person or entity with respect to any liability, loss or damage caused directly or indirectly by use or performance of the product or arising out of any breach of this warranty, including, but not limited to, any damages resulting in inconvenience, loss of time, data, property, or profit or any indirect, special, incidental, or consequential damages, even if the manufacturer has been advised of the possibility of such damages.
- In the event of a product defect during the warranty period, return of the product and your sales receipt as proof of purchase date for your **ROCK SOUNDER** unit(s) is required and shall, at the discretions of the manufacturer, result in: (a) correction of the defect by repair without charge for parts and labor; (b) replacement with the same or similar design; or (c) refund for the purchase price if purchased directly and returned within 30 days of purchase. All replaced parts and products, and products, on which a refund may be made, become the property of the manufacturer. New and reconditioned parts and products should be warranted for the remainder of the original warranty period.
- **The warranty does not cover:**
 - (a) damage or failure caused by or attributed to acts of God, abuse, accident,
 - (b) misuse, improper installation or improper maintenance, alteration, lightning or excessive voltage or current;
 - (c) any repairs other than those provided by a **ROCK SOUNDER** authorized service facility;
 - (d) consumables such as fuses or batteries;
 - (e) cosmetic damage;
 - (f) transportation, shipping or insurance costs;
 - (g) costs of product removal, installation, set-up, service adjustment or re-installation.
- Customers are responsible for any shipping costs related to product return, repair and/or refund.
- Warranty terms may be revised without notification at the discretion of the manufacturer.

CUSTOMER SERVICE & SUPPORT

For questions regarding your system or any other Grace Digital product, visit us at: www.gracedigitalaudio.com or contact us at: info@gracedigitalaudio.com

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