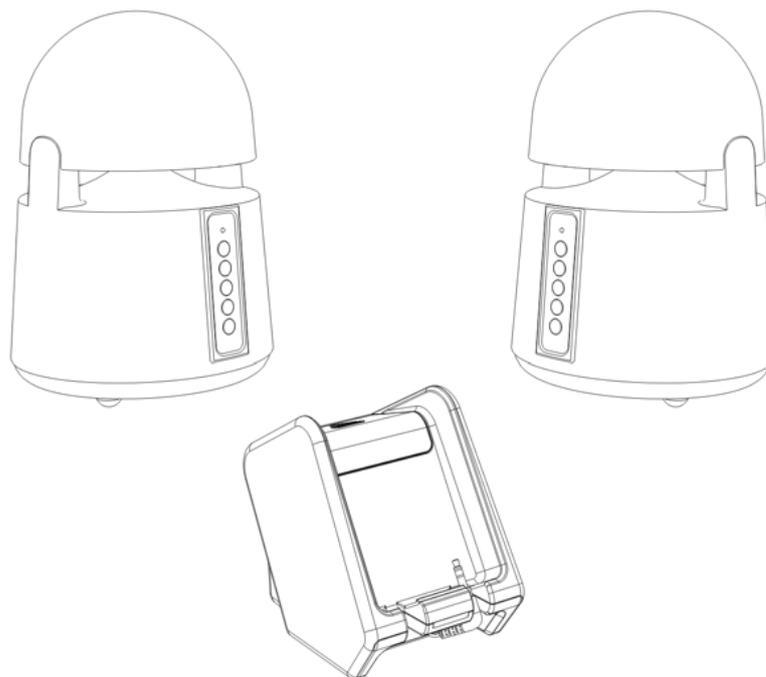




## Mini-Bullets II

Weatherproof Wireless 900MHz Speaker System



## User Guide

**Model no.:** GDI-AQBLT300 / AQBLT31 (white color version)

GDI-AQBLT300B / AQBLT31B (black color version)

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

**INTRODUCTION**

Your MINI-BULLETS II speaker 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.

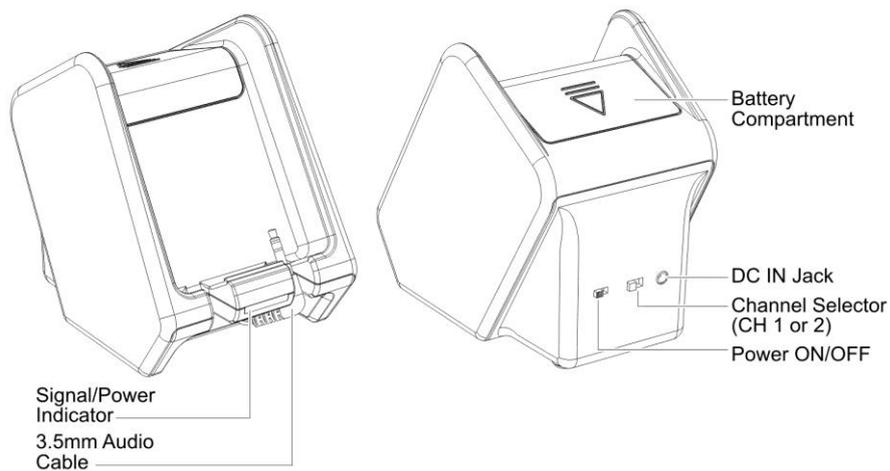
<b>WARNING</b>
<p><b><u>POWER ADAPTOR:</u></b> The power adaptor included with your unit is intended for indoor environments and use. Do <b><u>NOT</u></b> use the power adaptor in moist or wet environments. Where there is a chance of rain, you may operate the speaker with battery power. <b><u>NEVER</u></b> use the adaptor with your Speakers in any type of body of water. <b>Use batteries power only when used near water</b></p>
<b>CAUTION</b>
<p><b>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.</b></p>
<b>WARNING</b>
<p><b>This product may contain chemicals listed in Proposition 65 <a href="http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html">http://www.oehha.ca.gov/prop65/prop65_list/Newlist.html</a> that may be known to cause cancer, birth defects or other reproductive harm</b></p>

## **FEATURES**

1. Automatic PLL (Phases Lock Loop) scanning system on speaker receivers.
2. PLL (Phase Lock Loop) transmitter transmission system.
3. 900 MHz RF (Radio Frequency) technology
4. Weather-proof style for outdoor / indoor speaker system use
5. RF technology lets you place the rock speaker freely anywhere in your garden
6. Operate up to 150 feet
7. No line of sight limitation
8. Auto ON/OFF control on transmitter
9. Auto tuning function on the speaker
10. Optional transmitter AC power adaptor or battery operation for portability
11. Universal Transmitter can be used with Aqua Sounder II, Schooner II & Rock Sounder Speakers for 'unlimited expandability'.

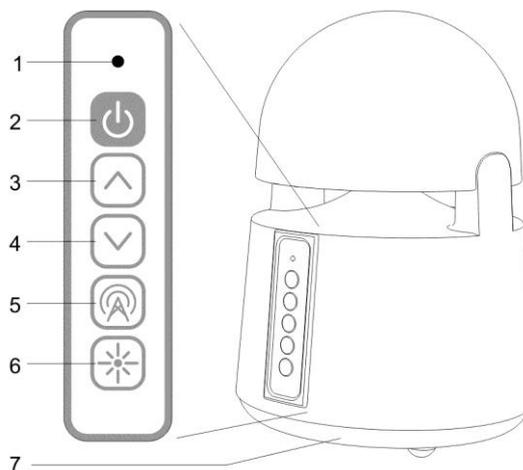
## **COMPONENT IDENTIFICATION**

### **TRANSMITTER**



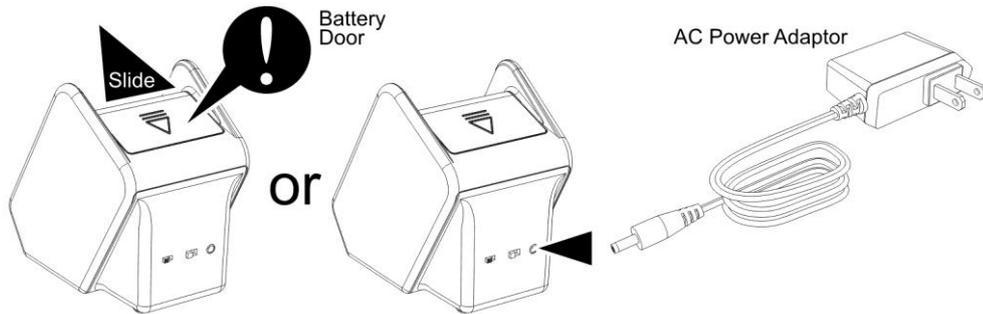
### **SPEAKER (RECEIVER)**

1. Indicator LED
2. Power ON/OFF
3. Volume UP
4. Volume Down
5. Auto Tune
6. Mood Light
7. Battery Compartment

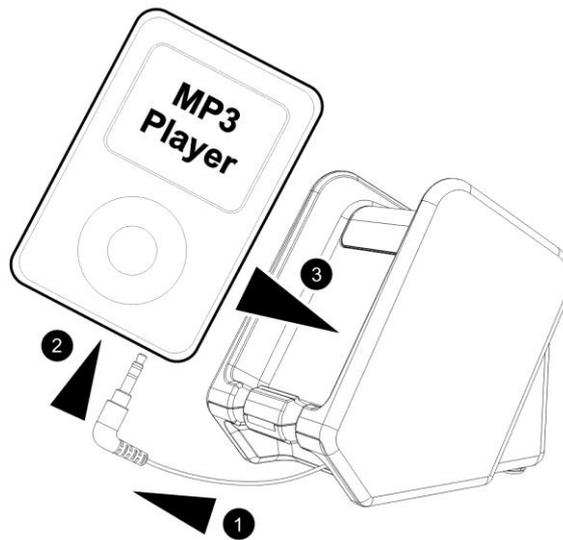


## SET UP

### 1. TRANSMITTER



1. Connect the AC power adaptor included with your unit to electrical wall outlet.
2. Plug the **AC power adaptor** included with your unit in the jack located on the rear of the transmitter. Option **4 X "AA" size ALKALINE batteries** can be used to power the transmitter for portability. NOTE: ensure battery polarity (+/-) are matched and correctly aligned correct when inserting the batteries in the compartment
3. Turn on the transmitter by setting the POWER switch to the 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 an audio output jack of any audio source (i-Pod, i-Phone, MP3, Hi-Fi, MP3/CD/VCD/DVD players, etc.)

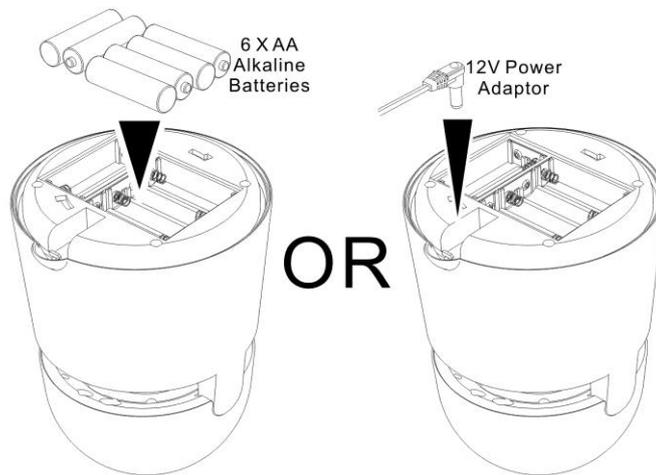


**RECOMMENDATION:** for best audio, set the audio device volume to 50-75% of maximum output

5. When the transmitter receives 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 and properly connected to the jack.

### 2. SPEAKER (RECEIVER)

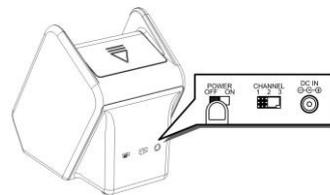
1. Connect the 12V power adaptor to the DC input jack on the bottom of each speaker, then plug into the power wall outlet. You may also insert 6 x 'AA' size ALKALINE batteries into the battery compartment. Ensure the batteries polarity (+/-) are correct, at the bottom of the speakers (batteries not included in the package).



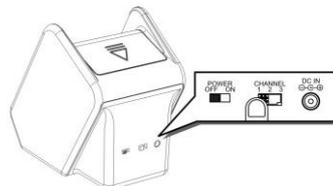
2. Press the POWER button and turn the speakers ON. The POWER LED will light up in blue. Switch off the speakers by pressing the POWER button on the speaker, and the LED will turn off.

## **OPERATION**

1. Turn on the audio source to which the transmitter is connected with.
2. Turn on the transmitter by set the **POWER switch** to ON position, and the



3. **POWER LED** on transmitter will light up .
4. Select between the **channels** on the transmitter for best performance for the location selected.



5. Press the "POWER" button on the speaker to turn on the speaker Press the "**SCAN**" **AUTO-TUNE button** to get the best tuning reception on the speaker. When the

button is pressed, frequency tuning starts automatically and it stops when a signal is detected. The **POWER LED** will illuminate steadily once connected.

- ➔ Keep a distance of the speaker up to **7 meters apart** from transmitter, and then press “SCAN” AUTO TUNE button for best tuning reception.
  
- ➔ You should now be able to place the speakers freely from room to room without disruption. Should you experience a “**frequency jam**”, adjust the channels by switch from one channel to the other channel on the transmitter, and then press the “**SCAN**” **AUTO TUNE button** on the speaker again.

**NOTE:** The **signal from the transmitter** will decrease in strength over increased distances and as barriers and interference increase.

6. **Adjust the volume** to the desired listening level. Volume can be adjusted up by pressing “+” button or down by pressing the button “-“ to the desired listening level

**NOTE:** IF disruption should occur (signal breaks up), press the “**SCAN**” **auto-tuning** button on the speaker to maximize best reception.

IF you hear interference from other devices, switch between the **channels** on the transmitter and press the “**SCAN**” **auto-tuning** button for best reception.

**NOTE:** batteries should be removed from the transmitter & speakers for extended storage periods. Move speakers indoors when weather conditions are extreme.

## 6. Outdoor, Water Use & Weather Conditions

- ➔ Mini-Bullets II speaker is designed to be used in conservative outdoor conditions
  
- ➔ The speaker should not be operated in extreme temperature
  
- ➔ The transmitter and adapters must **NOT** be used in any type of water body or in a moist or wet environment.

**WARNING:** The power adaptor included with your unit is intended for indoor environments and use. Do NOT use the power adapter in moist or wet environments. Where there is a chance of rain, you may operate the speaker with battery power.

## TROUBLE SHOOTING

### **NO SOUND**

- Check that the batteries are fully charged on the speaker
- Check there is not too much water retention inside the speaker grill. Turn over the speaker and let the water drain out from the speaker grill.
- 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 SOUND**

- Press the "AUTO-TUNE" button on the speakers to find the transmitter frequency
- Check there is not too much water retention inside the speaker grill. Turn over the speaker and let the water drain out from the speaker grill.
- Change the position of the channel selector on the transmitter. Press "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.
- Audio input level of the audio signal is too low. Turn up the audio source volume
- The Transmitters audio input level is too high, lower the audio source volume level
- Ideally the audio source is ON and volume level is set to at 50-75% of maximum.

### **SPECIFICATIONS**

Transmission Mode	:	UHF stereo
Carrier Frequency	:	900 MHz
Operation Voltage	:	Transmitter, 4 X 'AA' size Alkaline batteries (not included) or DC 12V 200mA  Speaker, 6 X 'AA' size Alkaline batteries (not included) or DC 12V 1.2A adaptor
Frequency Response	:	40Hz – 12KHz
Distortion	:	1.0%
S/N Ratio	:	65dB (typical)
Channel Separation	:	50dB (Typical)
Operation Distance	:	Up to 150 feet
Output Power	:	2 x 4W (RMS)

**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. This device must be used with the AC/DC adaptor supplied in the package or optional batteries.

This device complies with Part 15 of FCC rules. 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.

### **Warranty**

- Your **MINIBULLETS II (GDI-AQBLT300 /AQBLT31 /AQBLT300B /AQBLT31B)** 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 **MINIBULLETS II** 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 **MINIBULLETS II** 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](http://www.gracedigitalaudio.com) or contact us at: <http://gracesupport.com/>

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