

## Waterproof Active Speaker (Model: GDI-AQCSE100,101,102,103,104,105)

### Specifications

Frequency Range: 160Hz-20,000Hz

Output Power: 2.5W RMS

Power Source: 3 x AA-size batteries

Battery Life: 30 + hours with alkaline batteries

Dimensions: 7.3" (L) x 4.7" (W) x 2.6" (H), or 18.6cm (L) x 12.0cm (W) x 6.5cm (H)

Weight: 1.06lb / 480g

Max additional floating payload (MP3 player, keys, documents etc): 8 ounces

Temperature (Operating): -5°C to 40°C

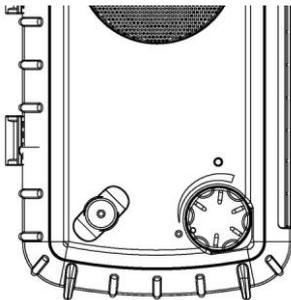
Temperature (Storage): -10°C to 55°C

### Introductions

Thank you for purchase of the Grace Digital Eco Extreme speaker case. The Eco Extreme case is a waterproof and dirt proof case with a built in amplified speaker. The case will hold your MP3 player, cell phone, keys, and anything you want to keep safe from the elements. Enjoy!

### Location of controls

- 1) Power / volume knob: To optimize your speaker's sound set your audio device's volume (iPod, cell phone, mp3 player etc) between the 70-80% levels. Rotate the Eco Extreme's volume knob to the right to increase volume. To turn the Eco Extreme 'off', turn the knob to the left until a 'click' is felt and the LED above the volume knob turns 'off'.

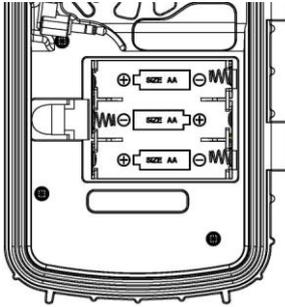


- 2) Power LED: The LED above the volume knob is 'on' when the batteries are in use even if you do not hear sound from the speaker. To optimize the lifespan of the batteries please turn the Eco Extreme off when not listening to music.

### Installing batteries

- 1) Open the Eco Extreme and remove the battery door. The battery door is located on the inside of the Eco Extreme.

- 2) Insert (3) AA batteries in the battery compartment. Please make sure the '+' and '-' of the batteries are inserted in the same orientation per the picture below and markings on the Eco Extreme.



- 3) Replace the battery door

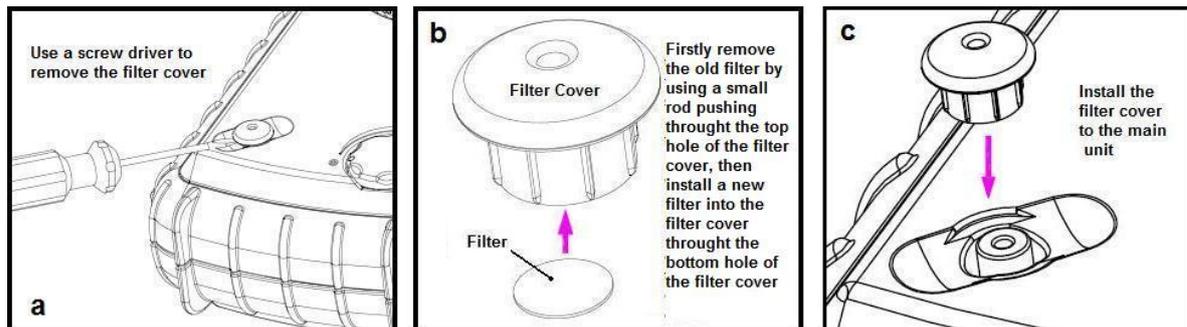
#### Listening to your music

- 1) Plug the Eco Extreme audio cable into the headset jack of your MP3 player, cell phone, iPod, or iPhone.
- 2) Turn the volume on your audio source up to a normal listening level and choose 'play'. NOTE: The best sound is created by turning the volume up to about the 70 – 80% level. If the volume on your audio source is too low the volume level out of the Eco Extreme may be too low. If the volume level on your audio source is at 100% the Eco Extreme volume may be distorted at high volume levels.
- 3) Turn the volume on the Eco Extreme to the desired listening level.

#### Care, Maintenance and Precautions

1. Although the product is waterproof, it is NOT designed for use under water. Do NOT intentionally submerge the unit underwater.
2. Close both safety latches properly before use. If the unit is placed in water without the latches properly closed water may enter into the battery compartment and void your warranty.
3. Dry the unit completely before opening. Do NOT open the unit when wet or in a wet environment.
4. Do NOT apply excessive force to any surfaces of the unit, especially when wet or in a wet environment.
5. Do NOT use or store the unit in places with high temperature (e.g.: directly exposed to sunlight for a long period, store in a closed car, etc.), significant altitude / temperature change or strong magnetic fields.
6. Always check the rubber sealing ring to make sure it is placed properly. Please ensure there are no objects such as dirt, hair, sand, audio wire or particles.
7. Always clean the rubber sealing ring, the exterior and the interior of the unit with a soft moist cloth before use. Do NOT use any oily solvent or chemicals for cleaning as this may cause the rubber sealing ring to degrade causing the Eco Extreme to lose its waterproof properties.
8. If used in or around salt water please rinse off with tap water and clean with a soft moist cloth after each use.
9. Do NOT mix new and old batteries, or rechargeable and non-rechargeable batteries.
10. Alkaline batteries are recommended for best operation.

11. Always remove the batteries if the unit is not in use for a long period of time.
12. Noise and audio distortion may occur when the batteries are old. Replace the batteries with new alkaline batteries or fully charged rechargeable batteries.
13. There is a dirt filter below the filter cover in 'figure a' below. This dirt filter is used to protect the internal air equalization filter (there is no access to the internal air filter). The internal air filter equalizes the air pressure inside and outside the box. This internal air filter protects the speaker from damage in the event of high pressurized use such as airplanes or mountain climbing. The dirt filter only needs to be replaced if there are large amounts of dirt or grim covering the 'filter cover'. Please see below for the dirt filter replacement procedure:



## Limited Warranty

Grace Digital Audio's 1 year limited warranty covers defects in workmanship and / or materials for a period of 1 year from date of original purchase. This warranty does not apply to any products which have been abused, neglected, modified or used for a purpose other than the one for which they were manufactured. Please refer to the above care and maintenance instructions for care details. The warranty is valid only for the original owner who purchases the unit from an authorized dealer. Transfers do not qualify for warranty protection. Grace Digital Audio reserves the right to replace any out-of-stock or discontinued product with a comparable product. Discontinued products may not be available for warranty replacement.

Please contact [www.gracedigitalaudio.com](http://www.gracedigitalaudio.com) and choose 'text support' for additional information or warranty claim.