



Control Buttons & Operations Details

Quick Start

- 1 Place SportBuds in Charging Carrying Case and Charge the Case until SportBuds are fully charged
- 2 Remove the SportBuds from the Charging Carrying Case to turn them on
- 3 The SportBuds will automatically pair to each other
- 4 Search your Bluetooth Connection on your Smart Device for "ECOXGEAR-R"
- 5 Pair & Play

Multi-Function Button Chart

PRESS ONCE	•	
PRESS & HOLD FOR 2 SECONDS	—	
DOUBLE-CLICK	••	

AUDIO

INCREASE VOLUME	••	RIGHT
DECREASE VOLUME	••	LEFT
PAUSE AUDIO	•	RIGHT
PLAY AUDIO	•	RIGHT
ADVANCE TRACK SELECTION	—	RIGHT
PREVIOUS TRACK SELECTION	—	LEFT
ECOTALK VOICE ASSISTANT	•	LEFT

PHONE CALLS

ANSWER INCOMING PHONE CALL	•	EITHER
END PHONE CALL	•	EITHER
REJECT INCOMING PHONE CALL	—	EITHER

TWO-CALL HANDLING

END CURRENT/ANSWER INCOMING	—	RIGHT
PLACE CURRENT ON HOLD	•	EITHER
SWITCH BETWEEN PHONE CALLS	•	EITHER
END CURRENT CALL	—	EITHER

On / Off

Remove the SportBuds from the Charging Carrying Case to turn them on. The SportBuds will automatically pair to each other.

Return the SportBuds to their slots in the Charging Carrying Case to turn them off.

Alternately, you can **PRESS & HOLD** the Multi-Function Button on both SportBuds for 2 seconds to turn them on. **PRESS & HOLD** on either SportBud for about 5 seconds, or until the LED flashes **RED** 3 times, to turn the SportBuds off. Both SportBuds will announce, "Power off."

Once on, the Left SportBud will announce, "Left channel," the Right SportBud will announce, "Right channel, pairing," and the LED Indicator on the right SportBud will flash **BLUE** and **RED**. The SportBuds will enter into Bluetooth Pairing Mode and search for your Bluetooth device to pair and connect.

Refer to **Bluetooth Pairing & Audio** for details.

Volume

While listening to music or on a phone call, **DOUBLE-CLICK** the Multi-Function Button on the Right SportBud to increase the volume.

DOUBLE-CLICK on the Left SportBud to decrease the volume.

NOTE: Some Bluetooth devices must be manually set at maximum audio level.

Your SportBuds will beep to indicate when the maximum or minimum volume level is reached.

Phone Calls

When answering an incoming phone call, the LED Indicator on the Right SportBud will flash **RED**.

When ending a call, the SportBuds will beep.

When rejecting a call, the SportBuds will beep twice & announce, "Call reject."

If you have an incoming phone call while already on a call:

- **PRESS & HOLD** on the Right SportBud for 2 seconds to end the current call and answer the incoming call.
- **PRESS** **ONCE** on either SportBud to place the current call on hold and answer the incoming call.
 - **PRESS** **ONCE** on either SportBud again to switch between both phone calls.
 - **PRESS & HOLD** on either SportBud for 2 seconds to end the current call.
 - **PRESS & HOLD** on either SportBud for 2 seconds to end the remaining call.

NOTE: This feature is only available when paired to a device with Two-Call Handling functionality.

EcoTalk - Voice Assistant

To activate Voice Assistant (Siri, OK Google, etc.) **PRESS** **ONCE** on the Left SportBud. The SportBuds will beep. Once your Voice Assistant is activated, speak your command into the built-in microphone on the SportBuds.

NOTE: Before using the EcoTalk function, your device must be connected to the SportBuds via Bluetooth. Not all devices have voice assistant functionality; refer to your device for details.

Bluetooth Pairing & Audio

Connect to Your Smart Device & Play Audio

When your SportBuds are turned on for the first time, the LED Indicator on the right earphone will flash **BLUE** and **RED**, indicating the unit is powered on and ready to pair. The units shall also announce, "Left channel," and "Right channel, pairing," when powered on.

Pairing Mode

Pairing Mode will last for approximately 3 minutes. If no devices are paired within that time, the SportBuds will automatically turn off.

Turn on your smartphone's Bluetooth. Set the smartphone to Pairing Mode. Available Bluetooth connections shall appear. Select 'ECOXGEAR-R' from the list of discovered devices on your smartphone. Wait a few seconds until the connection is completed.

NOTE: Some Bluetooth devices may ask for a password. Enter, '0000' to connect.

When the 'ECOXGEAR-R' selection is made and the Bluetooth connection is complete, your SportBuds will announce, "Second device connected," and the LED Indicator will flash **BLUE**. Once connected, select and play your desired audio.

Your SportBuds should sync & wirelessly pair with most Bluetooth enabled devices. The SportBuds remember the last device paired and will automatically search for previous connections when they are turned on or when a device comes back into Bluetooth range. If a connection is dropped, the SportBuds will look to re-establish that connection. If Bluetooth is turned off on your smartphone, the SportBuds may **NOT** automatically look for the device.

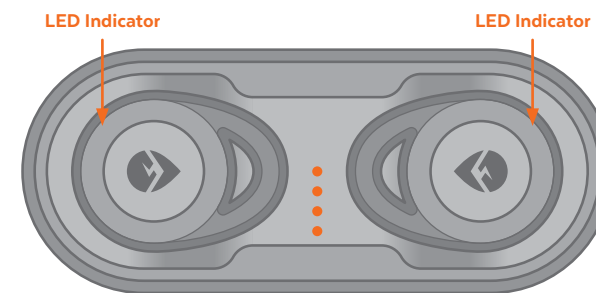
RECOMMENDATION: If you are not familiar with Bluetooth pairing for your smartphone, or other Smart-Device, refer to the User Guide for your smartphone to learn how to add and pair a new device (the TW90 SportBuds for instance) to your smartphone using Bluetooth.

Bluetooth Pairing & Connections

Once paired, should you have an issue switching between Bluetooth connections on current or new devices, open the Bluetooth Section within the device currently connected to the SportBuds and delete the 'ECOXGEAR-R' Bluetooth selection from your phone. The SportBuds will then be available to pair & connect to an alternate Bluetooth enabled smartphone / Audio Device.

If pairing is unsuccessful, turn off the SportBuds first and then re-pair again following the above steps.

Charge Your SportBuds



The LED indicator on the bottom of each SportBud will flash **RED** once every 20 seconds when the batteries are running low.

Place both SportBuds in the Charging Carrying Case to charge them. The LED located on the bottom of each SportBud indicates the charging status when charging:

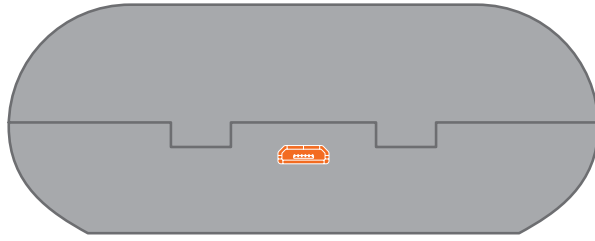
- **RED** LED indicates charging in process
- LED turning off indicates a full charge

WARNING: SportBuds **MUST** be completely dry before charging. If wet, contact may cause electric shock and injury.

The Charging Carrying Case can charge both SportBuds up to 4 times without needing to be recharged.

NOTE: Approximately 1.5 hours of continuous charging time is required to fully charge your SportBuds.

Charge Your Case



WARNING: THE CHARGING CARRYING CASE IS NOT WATERPROOF

Your Charging Carrying Case has a micro USB port to connect to the USB cable and charge the unit by connecting it to a USB port on a computer or to an optional USB to wall outlet power adapter (**NOT** included). Once opened, up to four LED Battery Level Indicators on the inside of the case will flash. Each LED represents 25% of a charge. Four full LEDs indicate a full charge.

NOTE: Approximately 2 hours of continuous charging time is required to fully charge your Charging Carrying Case.

RECOMMENDATION: Use the USB cable included in the box.

Trouble Shooting

Bluetooth Pairing and Connection Failure

Check if your Bluetooth device is still connected to another device. Disconnect that device. Now reattempt to pair with the SportBuds.

Sound is Distorted or Interrupted

- There is a barrier between device and SportBuds: Please clear it away.
- The distance between the SportBuds and connected device is out of normal connection range: Please bring them nearer to each other.
- The LED indicator is flashing **RED**: The SportBuds battery is low, please recharge it.

Bluetooth signals are impeded by water

Although the SportBuds are completely waterproof, they are **NOT** meant to be used while swimming. Bluetooth signals do not pass effectively through water, so your audio will be distorted.

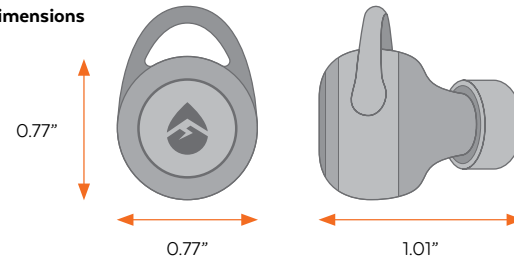
WARNING: The Charging Carrying Case is **NOT** waterproof.

CAUTION: Prolonged use of earphones at high volume may cause irreparable hearing loss. We strongly advise you to adjust your SportBuds volume to a reasonable level. The higher the volume for a prolonged time, the higher the risk of damaging your hearing.

Use your TW90 SportBuds responsibly! It is dangerous, and even illegal in some areas, to use earphones in situations that require your full attention, such as driving a car or motorcycle, riding a bicycle, and crossing a street.

Specifications

Unit Dimensions



Unit Weight (Both SportBuds)

0.34 ounces

Total Weight (Unit + Case)

2.05 ounces

Frequency Range

2.4GHz-2.48GHz

Power Source

45mAh Lithium Battery

Power Source (Case)

460mAh Lithium Battery

USB Input

5V, 1.0A

Play Time

6+ hours from full charge at 75% volume level

Charging Options

USB to adapter or computer

Charging Time

Approximately 1.5 hours

Charging Time (Case)

Approximately 2 hours

Optional Accessories For Charging*

AC (5V, 1A) USB Wall Outlet Power Adapter

AC (5V, 1A) USB Car Power Adapter

Bluetooth

Bluetooth® 5.0; Up to 33 ft / 10 m

Supported Bluetooth Profiles

HFP, HSP, A2DP, and AVRCP

Maximum Storage (Battery) Temperature

105°F / 40.6°C

Waterproof Rating (SportBuds)

IPX7 (Case is **NOT** waterproof)

* Optional accessories sold separately

FCC STATEMENT:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: reorient or relocate the receiving antenna, increase the separation between the equipment and receiver, connect the equipment into an outlet on a circuit different from that to which the receiver is connected, consult the dealer or an experienced radio/TV technician for help.

RF WARNING STATEMENT:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

IC STATEMENT:

This device complies with Industry Canada licence-exempt RSS standard(s). 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.

PRODUCT USE AND PROTECTION:

Read and follow all instructions. Use only as intended.

The ECOXGEAR Bluetooth earphones are intended to be used indoors or outdoors and in land or water environments. The earphones have been tested to IPX6 waterproofing standards, which means that they are sweatproof. The earphones have been tested to IPX7 waterproofing standards, which means the earphones can be submerged in up to 3 feet of water for 30 minutes without any damage. However, the earphones are **NOT** intended for constant underwater use.

If you notice a muffling of audio after submersion, gently shake the unit to clear excess water. If your earphones are exposed to salt water, clean it thoroughly after use with fresh water.

The Charging Carrying Case and USB cable are **NOT** waterproof.

To prevent fire or shock, do **NOT** attempt to charge this unit if it is wet or you suspect water has entered the unit. In this situation, please return the unit to Grace Digital for a free assessment. If we have found that the unit has carried water, we will repair or replace the unit free of charge.

SAFETY ADVISORY & WARNING:

Read and follow all instructions. Use only as intended.

- CAUTION:** Do **NOT** open to repair. A qualified technician must carry out repair work.
- ATTENTION:** Do **NOT** charge while the earbuds are wet. Towel dry the unit **AND** make sure all connections are dry **BEFORE** placing in Charging Carrying Case. Failure to do so may result in electrical damage to the unit and may void the warranty.

PROPOSITION 65

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

WARNING: TW90 has a built-in Lithium battery. The battery must **NOT** be used in or near an open heat source or excessive heat.

WARNING: Danger of explosion if battery is incorrectly replaced.

ATTENTION: Do **NOT** dispose of in a landfill. Contact Grace Digital at www.gracesupport.com or a certified recycling agent to dispose of the unit.

SAFETY:

This product has a limited life span of use and should be replaced when it shows obvious signs of wear.

Do not modify or remove any original component parts of the earphones. Doing so could cause damage to the unit allowing water to ingress. A unit with water ingress should not be charged due to potential risk of fire or shock.

Please exercise care and good judgment when using your ECOXGEAR earphones. Always ensure that you can hear and be aware of any potential hazards around you.

You should always

- 1) Salt water / air is particularly corrosive. Always make sure that the unit is properly rinsed off after use.
- 2) Properly clean the ECOXGEAR and ensure the connection points have no sand, dirt, or water on them prior to storage.
- 3) Completely dry and clean your ECOXGEAR prior to attempting to charge the unit.
- 4) Return the ECOXGEAR to Grace Digital if you suspect water ingress into the unit or if the unit has experienced a severe impact that may have affected the integrity of the unit to take on water.

You should never

- 1) **NEVER** charge your ECOXGEAR if you suspect water has entered the device. Charging a device with water inside could be potentially hazardous and cause fire or a spark.
- 2) Never use your ECOXGEAR if you have dropped it or thrown it against a hard surface which may have destroyed the integrity of the speakers or housings. In the event of a severe impact to your unit please return the unit to Grace Digital to review for potential damage.
- 3) Never attempt to fix, repair your ECOXGEAR unit. Please send it back to Grace Digital for any assessments and repairs.

CARE, MAINTENANCE, & PRECAUTIONS:

- 1) Do **NOT** apply excessive force to any surfaces of the unit when wet or in a wet environment.
- 2) Do **NOT** use or store the unit in places with high temperature.
- 3) **AVOID** prolonged exposure to ultraviolet radiation (UV sunlight) and strong magnetic fields.
- 4) Periodically clean the rubber earbuds with a soft moist cloth and ensure no objects such as dirt, hair, or sand are on the rubber earbuds. Do **NOT** use any oily solvent or chemicals for cleaning.
- 5) Rinse off the unit with tap water after use in salt water or swimming pool.
- 6) Power and / or charge the built-in rechargeable battery for portable use by connecting the USB cord to a computer USB connection or to an AC outlet using the AC-to-USB cord 5V, 1A power adapter intended for use with the unit.
- 7) Noise and audio distortion may occur when the batteries are nearing end of charge.
- 8) Do **NOT** remove the built-in battery.

LIMITED MANUFACTURER'S WARRANTY:

The TW90 is covered by a 3 year limited warranty that covers defects in workmanship and / or materials for a period of 3 years from original purchase date. 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 suggested 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 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. Any contents are **NOT** covered by the limited manufacturer's warranty. Warranty terms may be revised without notification at the discretion of the manufacturer. Please visit www.ecoxgear.com for additional product & warranty information.



TW90 by ECOXGEAR, a division of Grace Digital Inc., San Diego, California.
Designed and Engineered in the USA. Made in China.

Patent Pending.