

# TETRA™

HEAR THE HUNT

## CustomShield Series 60/90 + *Bluetooth*

At TETRA™, we are hunters, we are hearing scientists, and we don't like to read instructions. Hence, this manual is intentionally written for your reading pleasure. We also recommend you check out our product use and care instructions at [www.tetrahearing.com](http://www.tetrahearing.com). Of course, we do want you to read the legal disclaimers and warnings here. (Our attorney made us say that).

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Welcome to the TETRA Hearing family.  
We are passionate about helping you Hear the Hunt™.

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Congratulations on your purchase of TETRA CustomShield Series hearing gear. These comfortable, day-long hearing solutions are designed specifically for the hunter and shooter. TETRA CustomShield Series products bring harmful sounds like gunshots and loud waterfowl calling to safe levels while enhancing the sound environment for communication, game detection, calling, and localization.

Using TETRA's AlphaShield Compression™ technology, all sounds above a pre-determined level are immediately limited. Using your TETRA device, you will still hear the loud sound clearly, but at a safe level. Unlike conventional plugs or muffs, low level



ALPHASHIELD  
COMPRESSION

sounds are enhanced using our patent-pending Specialized Target Optimization™ (STO) algorithm to maximize hearing of your specific hunting/shooting environment.

## **WARNINGS:**

Improper fit of this device will reduce its effectiveness. Consult the following instructions below for proper fit.

Individuals exposed to loud occupational or recreational noise, should have annual hearing checks to monitor their hearing levels over time.

All TETRA devices must be worn and maintained in accordance with instructions. Cleaning regularly and paying close attention to maintenance ensures best performance.

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## **1. Battery Instructions**

Each device uses a size 13 battery.

TETRA recommends using brand-name batteries as others may vary in size. While TETRA devices are not hearing aids, they do use the same type of battery commonly used in hearing aids. Such batteries are designed to have a long shelf life, but they can go "stale" if on the shelf for a long time. Be sure to check the expiration date.

*TETRA Tip: Once you remove the tab, let the battery sit for a couple minutes before inserting it into the device. This can help your battery last longer.*

Pulling off the plastic tab activates the battery. Do not pull the tab off until you need to use the battery. Check to make sure no adhesive from the plastic sticker is remaining on the battery blocking the activation holes.

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## **2. Battery Life**

With daily use, the battery should last 7-10 days. With intermittent use, batteries may last for up to a month once activated. Even if not used, once the battery is activated, it has a limited life. We recommend new batteries if the device has not been used in several weeks.

**Low Battery Indicator-** If you haven't used your TETRA devices in a few weeks and aren't sure how old your batteries are, don't worry, we've got your back. All TETRA devices include a low battery indicator. A warning of three double beeps every eight minutes, or a voice prompt stating "low battery" indicates that the battery needs to be replaced.

### 3. Battery Installation

Because of their small size, we recommend that you insert or remove batteries on a table, desk, or some other safe place to reduce the risk of dropping the instrument or battery.



#### STEP 1

Using your fingernail, gently pull up on the battery door tab **A** until the door swings open. Do not over-extend the battery door as damage will occur.



#### STEP 2

Note: The rounded edge of the battery **B** is negative, and the completely flat side is positive. The flat side (+) needs to be on the door's (+) side.

With the red (+) of the battery door facing you **C**, hold the battery with the rounded edge positioned towards the back, gently push the battery straight in. The lower part of the battery door will flex to accept the battery.

#### STEP 3

With the battery installed, gently close the battery door. Wait for three seconds while the device powers on ( note: the 90-level devices should power on immediately ). To turn the device off and to prevent battery drain when not in use, gently pull the battery door open or remove the battery entirely for storage. For short-term storage, make sure the volume dial is turned to the 'OFF' position (more in Section 5 below) and battery drain should be minimized.



*TETRA Tip: When closing the battery door, it should go into the device VERY easily. If you must push hard or feel resistance, do not force it. The battery is likely placed incorrectly in the door. Resist the urge to force it!*

#### STEP 4

To remove the battery: With the battery red door (+) facing you, tilt the bottom of the battery towards you. This will allow the battery to move from under the front lip.

Please dispose of used batteries in an environmentally friendly way. Do not place batteries in your mouth. If swallowed, contact your physician immediately or call the National Battery Hotline at 1-202-625-3333.

## 4. Placement in the ear

### DETERMINING LEFT OR RIGHT

A blue shell indicates the device fits the left ear and a red shell indicates the device fits the right ear.

### INSERTION

Place canal portion of the CustomShield into the ear canal and rotate the device backward until the helix **D** locks into place. Be sure the device is fully-seated in the ear and is flush (as shown here).

### REMOVAL

To remove the unit from your ear, pull down on your earlobe with your thumb and forefinger. Grab the device with either the same side hand or your other hand and simply pull out.

Note: Do not pull on the battery door at any point. This can damage the battery door and/ or your device.



*TETRA Tip: If your TETRA device is in the ear and the device whistles, then something is not correct. Check the following: 1. Make sure your ear canal is not blocked with wax. 2. Make sure the tip is not too worn or too small. 3. Make sure the TETRA device is fully seated in the canal.*

*TETRA Tip: To check tip fit, hum or talk with the devices in place. Your voice should sound noticeably louder with a proper occluded fit.*

## 5. Volume/Program Selection

The TETRA CustomShield 60 level devices have three programs/volumes that include standard enhancement levels and are not customized for hearing loss and/or imbalance.



When you press the program/volume button **E** you will hear an audible beep(s) in your ear.

60 level products have three hunting/shooting programs:

**Program 1:** (1 beep) Waterfowl , Range, Upland, Turkey, Deer or Elk

**Program 2:** (2 beeps) Waterfowl, Range, Upland, Turkey, Deer or Elk Boost

**Program 3:** (3 beeps) Waterfowl, Range, Upland, Turkey, Deer or Elk Magnum

The TETRA AlphaShield 90 also has the three volume settings, along with a fourth program ideal for speech clarity, all programmed for your specific hearing needs in each ear.

When you press the program button you will hear a voice prompt denoting which setting you are in.

**Program 1:** Waterfowl, Range, Upland, Turkey, Deer or Elk

**Program 2:** Waterfowl, Range, Upland, Turkey, Deer or Elk Boost

**Program 3:** Waterfowl, Range, Upland, Turkey, Deer or Elk Magnum

**Program 4:** ClearComm (designed for use both hunting and elsewhere where clear hearing for voices is needed)

Note: The volume level for each program is based off the hearing test you submitted for programming. If it sounds different than you expected, we recommend allowing your ears and brain time to adjust to it. If it continues, please reach out to us for further instruction.

You can also fine tune each program by adjusting the volume control **F**. The volume control can be adjusted by placing a finger on the volume wheel with slight pressure and rotating. With your TETRA CustomShield seated in the ear, rotating the volume wheel forward (toward your face) increases volume. Rotating the volume wheel backward (toward the back of your head) decreases volume. If the device whistles, the volume is too high. Rotate back slightly.

To turn off, rotate volume control backward until the two red dots line up (right ear) or blue dots line up (left ear).

## 6. Maintenance

### EAR WAX MAINTENANCE

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- Wax buildup is the number one cause of device problems. It is important to keep your device as clean as possible. Wipe daily after use with a dry cloth, carefully removing any traces of wax and debris.
- Wax guards may also need to be replaced. If your CustomShield is not working the most likely cause is a clogged wax guard. Remove the old one and replace it. Additional wax guards can be purchased at [www.tetrahearing.com](http://www.tetrahearing.com).

### GENERAL MAINTENANCE

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- Store in a cool dry place. Do not store in the bathroom.
- Keep your devices dry and away from extreme temperatures.
- Keep your devices away from animals and small children.
- Take care not to drop the devices.
- Remove your devices before using hair spray, perfumes, sunscreens or shaving lotions, as these items can clog or damage your device.
- If your device stops working, check the battery and wax guard. Make sure the battery is not dead and is inserted correctly.

**Reminder: you should not have to force the battery door shut, and once closed, the battery should not be exposed.**

- Always take great care when opening and closing the battery door. Do not carry the device by the battery door. Never pull the door further back than is necessary when inserting or removing battery.
- Always open the battery door or remove battery entirely from the device while you are not using your TETRA Hearing™ gear. Old batteries can corrode in devices and batteries will run down with door closed.
- Replacement Sleeves, D-Rings and Wax Guards are available online.

**For instructions and to learn more about our story and technology, please visit our website [www.tetrahearing.com](http://www.tetrahearing.com).**

**Noise  
Reduction  
Rating**

**26.5**

**DECIBELS**

**(WHEN USED AS DIRECTED)**

**THE RANGE OF NOISE REDUCTION RATINGS  
FOR EXISTING HEARING PROTECTORS  
IS APPROXIMATELY 0 TO 30  
(HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)**

**SOUNDTRACK OUTDOORS, LLC  
FRANKLIN, TENNESSEE**

**TETRA CUSTOM**

**Federal law prohibits  
removal of this label  
prior to purchase**



**LABEL REQUIRED BY U.S.  
EPA REGULATION 40 CFR  
Part 211, Subpart B**

## BLUETOOTH SETUP

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The Bluetooth CustomShield device is made specifically with safety in-mind. Made to have a removable Bluetooth feature, below you will find the steps to get you started off with you new device.

The Bluetooth capability of TETRA Hearing™ lives in the lanyard cord [referred to in section 1 and 2 as the 'Bluetooth Cord']. This is made to act as a retention system, as well as provide the best possible listening experience, all while being able to remove bluetooth capability when/as needed. Your Bluetooth CustomShield has a separate, rechargeable battery located within the lanyard that needs to be charged occassionally depending on length/frequency of use.

### SECTION 1: DEVICE ARRIVES ATTACHED TO THE BLUETOOTH CORD

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**\* The 2-prong system is secured into both CustomShield Devices and ready to proceed with setup instructions**

1. Located on the right-hand side of the Bluetooth cord, you will find the control switch. On the side of the control switch, you will find a USB-B Micro port. Plug the provided USB to USB-B Micro adapter charging cord into the control switch port. If charged, a Blue light will illuminate below the play sign. If charging is necessary, a red light will flash below the play side show up signifying that they need to be charged.
2. Let your devices come to a complete charge before your next use. [ Generally this takes up to 3 hours ]. Once the devices are charged, the a blue light will illuminate, indicating a full charge.
3. To power on, hold down the play button on center of the cord; the light below the play sign will start flashing blue and red.
4. To connect, hold down the play button, located on the control switch until the lights to appear. [2] blue lights will indicate a full charge.
5. Go to Settings > Bluetooth on your device [ phone, tablet, computer, etc. ]
6. Tap on your device to connect it to the Tetras. [2] Blue lights will illuminate once paired you can begin using your device.
7. On the control switch, the + button will increase the volume, where the - button will decrease the volume. Pressing the play sign will pause and/or continue operation of your device in active bluetooth mode.



## **SECTION 2: DEVICE ARRIVES DETACHED FROM BLUETOOTH CORD**

**\* The 2-prong bluetooth lanyard system is currently separate from both CustomShield Devices**

1. Match your CustomShield devices with the appropriate 2-prong end found on the bluetooth cord. [ ex. Red CustomShield/Right to 'R', Blue CustomShield/Left to 'L' ]

2. Connect by attaching the two pins into the holes on the side of the device by pressing the pins firmly into the holes. Orient so the bluetooth cord will go around the top of each ear once inserted. [ It may seem like you are pushing too hard, but you aren't, it takes a lot of pressure to get them in place, with a tight fit to reduce the potential for drop-loss ] Orient the bluetooth cord facing up [ north ], where the top of the cord wraps around the top of each ear.

3. Repeat step for the opposing ear.

4. Proceed with Steps 1-10 in Section 1 before your next use. [ Generally this takes up to 3 hours]. Once the devices are charged, the a blue light will illuminate, indicating a full charge.

## **SECTION 3: DISCONNECTING THE BLUETOOTH CORD FROM YOUR CUSTOMSHIELD DEVICES**

1. Disconnect by removing the two-prong system from each CustomShield device. Using two hands, slowly pull the CustomShield from the two-prong; one side at a time. Be careful to not torque and guide the pins straight so not to bend. [ It may seem like you are pulling too hard, but you aren't, it takes a lot of pressure to remove, as the Bluetooth CustomShield is designed to fit tight to reduce the potential for drop-loss ]

**TETRA**<sup>TM</sup>

HEAR THE HUNT

[WWW.TETRAHEARING.COM](http://WWW.TETRAHEARING.COM)

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