




WALKER'S
OWNER'S MANUAL
ARCHER'S EAR



Choosing the Right Tip

The **Archer's Ear** comes with two different types of tips: 3 sizes of Silicon Ear Buds and a Foam Plug.

| Tip | Use |
|--|--|
| Silicon Ear Bud (No NRR)  | In quiet environments when hearing protection IS NOT needed: bowhunting, nature listening, etc. |
| Foam Plug (22dB NRR)  | In ANY environment where hearing protection is needed: power tools, shooting firearms, etc. |

Changing Tips

To change tips simply grasp the tip on the tube and gently peel it off the elbow adapter. Then push on the replacement tip in the reverse manner.

Installing the Battery

Remove sticker from battery. To insert battery, open battery compartment by pulling down on the rim of compartment door. The battery is held in place by a small lip on the bottom of the compartment. Place the battery into the compartment so that the (+) sign side of the battery is facing up; when battery is inserted correctly, compartment door will close with ease. A #13 Mercury or Zinc Air battery is recommended.

With the unit facing this direction, the "+" sign on the battery goes opposite the lip on the batter compartment door. Also, inside the unit is a red dot identifying the "+" side.

NOTE: A weak battery may cause the unit to buzz or hum.

WARNING: Button Cell Batteries are Dangerous if Swallowed

- Keep batteries out of the reach of children.
- Discard batteries very carefully.
- Never allow children to play with batteries.
- Never change batteries in front of children.
- Never put batteries in your mouth for any reason, as they are slippery and easy to swallow by accident.
- Always check medication before swallowing, as batteries have been mistaken for tablets.

In the event a battery is swallowed call:

The National Button Battery Ingestion Hotline
(202) 625-3333 for counsel or treatment

Fitting Instructions



1. Place Archer's Ear over either ear.



2. Insert ear plug into ear. Position sound tube in upward direction so it extends past the ear hook. Mark sound tube approximately 1/8" above the tip of the ear hook. Cut off excess tube at mark. Tubing too long will cause the unit to fall off the ear. Tubing too short will cause the ear plug to pull out of the ear.



3. While holding ear hook between thumb and forefinger, push the sound tube onto the ear hook; you may need to trim the tube and repeat this process to achieve a comfortable fit.

Turning the Unit On

After inserting the battery, close the battery door completely to turn the unit on. Turn the unit off by opening the battery door to the first stop.

Operating the Volume Control

Increase the volume on the **Archer's Ear** by pressing the top of the volume control toggle. Decrease the volume by pressing the bottom of the volume control toggle.

Note: The Archer's Ear has a built-in "safety" circuit which limits the output of the instrument to a max. of 115 dB SPL.

Complications Which May Arise

If conditions such as irritation, inflammation, and pain arise, they are normally due to pressure applied from the ear plug on a particularly sensitive area of your ear. You may easily be able to correct this by trimming the ear plug at the point of irritation. For an actual allergic reaction, or any other unusual conditions, consult your physician.

Storing the Archer's Ear When the **Archer's Ear** will not be used for an extended period of time, remove the battery and place the **Archer's Ear** in its carrying case for storage in a cool, dry location.

Batteries (Avg. Life 300 Hrs) After extended use of your battery, the **Archer's Ear** sound volume will rapidly get weaker, and may become noisy and ineffective in operation. This indicates that the battery should be replaced. Always remove the battery if your **Archer's Ear** is not going to be used for a period of days.

If Your Archer's Ear Whistles Whistling/squealing may sometimes occur as you cup your hand over your ear and adjust the volume control. This action directs sound leaking from the ear plug into the microphone, resulting in a whistle. This should disappear when you take your hand away. If not, check to make sure the ear plug is inserted properly.

If You Have A Problem

| Symptom | Cause | Possible Cure |
|--------------------------------|--|---|
| Dead | Battery dead Blocked ear plug Tube twisted | Replace battery Clear ear plug blockage Straighten tube |
| Not Loud Enough | Battery low Ear plug Blocked | Replace battery Remove and clean ear plug |
| Intermittent (goes on and off) | Battery defective | Replace battery |
| Not Clear, Distorted | Low battery | Replace battery |
| Humming, Buzzing | Low battery | Replace battery |
| Hissing Sound | Circuit noise Loose Earplug | Lower volume Re-position ear plug |
| Whistling/ Squealing | Amplified sound leaking from around ear plug | Lower volume Re-position ear plug |

Caring For Your Archer's Ear

Remember that your **Archer's Ear** is a quality instrument and should be treated in the same careful manner as any other precision-engineered device.

1. Never allow any liquid to enter the **Archer's Ear** as this may damage the components within the device.
2. Do not store your device in any location which would expose it to excessive heat (e.g. direct sunlight, heaters, or radiators.)
3. Be careful not to drop the device as this may damage its components.
4. Never insert any foreign objects into your device; this could result in serious damage to the instrument.
5. Never permit solvents to come into contact with your device as this can damage the unit.

Electrical & Acoustical Data

| | | |
|---------------------|--------------|----------|
| REFERENCE TEST GAIN | MAX OSPL 90: | 116.0 dB |
| TARGET: 34.0 dB | AT: | 1000 Hz |
| MEASURED: 43.0 dB | HF AVG: | 111.0 dB |

| | |
|----------------------|----------------------|
| RESP LIMIT: 75.0 dB | HF AVG. FULL ON GAIN |
| F1=200 Hz F2=5400 Hz | AT 50 dB IN 43.8 dB |

| | | |
|--------------|---------|-------|
| Archer's Ear | FREQ | SRC |
| 0.50% | 500 Hz | 70 DB |
| 0.10% | 800 Hz | 70 dB |
| 0.50% | 1600 Hz | 65 dB |

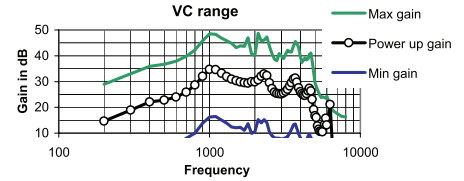
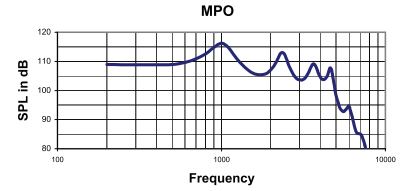
| | | |
|------------|--------|---------|
| EQ INP | NOISE: | 24.1 dB |
| BAT (1.3V) | 0.55 | mA |

ANSI S3.22 - 1996
AID TYPE AGC
F.O.G. AT 50 dB

PHYSICAL DATA

Size: 1 3/10" x 1/3" x 2/3"
(32mm x 11 x 9mm)
Weight: .16 oz. (4 gm) w/o battery

Features: Fixed MPO (AGCO)
Volume



E-A-RCAL Attenuation Test Report Per ANSI S 3.19 - 1974

| | | | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|------|------|
| Test Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
| Mean Attenuation (dB) | 28.8 | 31.6 | 34.4 | 35.1 | 36.2 | 41.1 | 42.1 | 46.3 | 45.8 |

The earplug supplied with your **Archer's Ear** is used to reduce harmful loud sounds like gunshot noise. Gunfire is a hazardous exposure noise. **Walker's Game Ear** carries no implied guarantee for over-exposure to noise. We recommend hearing tests to insure the continued health of your hearing.

LIMITED WARRANTY

Walker's warrants this product to the original purchaser to be free from defects in materials and workmanship, under normal use and conditions for a period of two years parts/90 days labor from the date of the original purchase.

Under this warranty, this unit will be replaced or repaired at our option, without charge for parts or labor, excluding batteries, for a period of 90 days after the purchase. After 90 days, the cost of labor with Shipping/Handling and Insurance of \$99.95 is the customer's responsibility.

This warranty is void if any of the following occur:

1. The warranty card was not sent in at the time of purchase
2. The unit is not owned by the original purchaser at the time of the warranty claim
3. The unit has been tampered with, opened or punctured
4. The unit has been immersed in water or other liquids, allowed to be filled with dirt or dust, or otherwise physically abused
5. The 24-month limited warranty has expired

This shall be the exclusive written warranty of the original purchaser and neither this warranty or any other warranty, expressed or implied, shall extend beyond the 24-month period listed above. In no event shall Walker's Game Ear, Inc. be liable for consequential damages, consequential property damage, or consequential personal injury. (Some states do not allow limitations on implied warranties or exclusions of consequential damages, so that these restrictions may not apply to you). This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

Record serial # for future reference: Serial # _____

Return bottom portion to: Walker's, Inc. • PO Box 535189 • Grand Prairie, TX 75053-5189
Or you can register your product online at: www.walkersgameear.com

Warranty Registration

Model: Archer's Ear Date of Purchase: _____

Purchased From: _____

City: _____ State: _____ Zip: _____

Primary Use: _____

Your Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Serial #: _____ Email Address: _____

Toll-free customer support 877-269-8490
www.walkersgameear.com