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Howard Leight R-02545

Howard Leight Impact Sport Bluetooth Earmuffs (Model R-02545) Instruction Manual

Your guide to setup, operation, and maintenance.

Introduction

The Howard Leight Impact Sport Bluetooth Earmuffs, Model R-02545, are designed to provide hearing protection with integrated Bluetooth connectivity. These earmuffs feature a 21 dB Noise Reduction Rating (NRR) and digital compression circuitry with 5X sound amplification. The sound-activated compression has a rapid 0.5 millisecond reaction time. Bluetooth technology allows wireless device synchronization. The headset includes separate volume controls for Bluetooth audio and external environment amplification, utilizing two high-gain directional microphones. An AIR FLOW CONTROL design ensures a slim, low-profile ear cup for firearm stock clearance. The adjustable headband provides a secure fit, and the compact folding design allows for convenient storage. An automatic shut-off function engages after 4 hours to conserve battery life. The unit includes a rechargeable lithium-ion battery and a USB-C recharging cable.





Image: Howard Leight Impact Sport Bluetooth Earmuffs with 2nd Amendment print design.

Safety Information

- **Hearing Protection:** Always ensure earmuffs are properly worn to achieve the stated Noise Reduction Rating (NRR). Improper fit will reduce effectiveness.
- **Battery Safety:** Use only the provided rechargeable lithium-ion battery and USB-C charging cable. Do not expose batteries to extreme temperatures or dispose of them in fire.
- **Environmental Awareness:** While the earmuffs amplify ambient sounds, remain aware of your surroundings, especially in potentially hazardous environments.
- **Cleaning:** Disconnect from power and turn off before cleaning. Use a damp cloth; do not immerse in water.
- **Storage:** Store in a cool, dry place away from direct sunlight.

Package Contents

Verify that all items are present in the package:

- Howard Leight Impact Sport Bluetooth Earmuffs
- Rechargeable Lithium-Ion Battery
- USB-C Recharging Cable

Setup

1. Charging the Battery

1. Locate the USB-C charging port on the earmuffs.
2. Connect the provided USB-C cable to the earmuffs and the other end to a compatible USB power source (e.g., computer, wall adapter).
3. Allow the earmuffs to charge fully before first use. An indicator light will typically show charging status (refer to specific product indicator details if available on the device itself).

2. Adjusting the Headband

- Extend or retract the headband slides on both sides of the earmuffs to achieve a comfortable and secure fit over your ears.
- Ensure the ear cups fully enclose your ears and create a seal to maximize noise reduction.



Image: Illustration of earmuff features, including the adjustable headband and slim profile for firearm clearance.

Operating Instructions

1. Power On/Off

- To power on, press and hold the power button (usually located on one of the ear cups) until you hear an audible

indication or see an indicator light.

- To power off, press and hold the power button again until the device shuts down.

2. Volume Control (Ambient Sound)

- Use the dedicated volume control dial or buttons for external environment amplification to adjust the level of ambient sounds.
- The two high-gain directional microphones will pick up sounds, which are then amplified up to 5X, allowing you to hear conversations and range commands clearly while protecting against loud impulses.

3. Bluetooth Pairing and Volume Control

1. With the earmuffs powered on, activate Bluetooth pairing mode (refer to specific button press sequence if indicated on the device, typically a long press of the Bluetooth button).
2. On your wireless device (smartphone, tablet), go to Bluetooth settings and select "Howard Leight Impact Sport" or similar from the list of available devices.
3. Once paired, you can stream audio or make hands-free calls.
4. Use the separate volume controls for Bluetooth audio to adjust the listening level without affecting the ambient sound amplification.



Image: Visual representation of Bluetooth 5.0 capabilities, including streaming, hands-free calls, and independent volume controls.

4. Automatic Shut-Off

The earmuffs are equipped with an automatic shut-off feature that activates after 4 hours of inactivity to conserve battery life. Remember to manually power off the device if you finish using it sooner to prevent battery drain, especially for Bluetooth functions.

Maintenance

- **Cleaning:** Wipe the ear cups and headband with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no moisture enters the electronic components.
- **Ear Cushions:** Periodically inspect ear cushions for wear and tear. Replace if damaged to maintain optimal noise reduction and comfort.
- **Storage:** Fold the earmuffs into their compact form and store them in a protective case or bag when not in use. Keep away from extreme temperatures and humidity.

Troubleshooting

Problem	Possible Cause	Solution
No power/Device won't turn on.	Battery is depleted.	Charge the battery using the provided USB-C cable.
No ambient sound amplification.	Volume is too low or device is off.	Ensure the device is powered on and adjust the ambient volume control.
Bluetooth not connecting.	Earmuffs not in pairing mode; device Bluetooth off; too far from device.	Ensure earmuffs are in pairing mode. Turn Bluetooth on your device. Move closer to the device. Forget and re-pair the device.
Poor sound quality (Bluetooth).	Weak Bluetooth signal; interference.	Move closer to the connected device. Avoid sources of strong electromagnetic interference.
Earmuffs feel loose or uncomfortable.	Headband not properly adjusted.	Adjust the headband slides for a snug and comfortable fit. Ensure ear cups fully cover ears.

Specifications

- **Model:** R-02545
- **Noise Reduction Rating (NRR):** 21 dB
- **Single Number Rating (SNR):** 21 dB
- **Sound Amplification:** 5X
- **Reaction Time:** 0.5 milliseconds
- **Bluetooth Version:** 5.0
- **Microphones:** 2 high-gain directional microphones
- **Battery Type:** Rechargeable Lithium-Ion
- **Charging Port:** USB-C
- **Automatic Shut-off:** After 4 hours
- **Item Weight:** 454 g
- **Item Dimensions:** 22.2 x 11.4 x 23.2 cm
- **Material Type:** Plastic

Warranty Information

This product comes with a manufacturer's warranty. For detailed information regarding warranty coverage, terms, and conditions, please refer to the documentation included with your purchase or visit the official Howard Leight by Honeywell website. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter any issues or have questions not covered in this manual, please contact Howard Leight customer service for assistance. Contact information can typically be found on the product packaging or the official Howard Leight website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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