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Howard Leight R-02700

Howard Leight by Honeywell Impact Sport In-Ear Electronic Hearing Protection Manual

Model: R-02700

Introduction

The Howard Leight by Honeywell Impact Sport In-Ear Electronic Hearing Protection (Model R-02700) provides advanced hearing protection and situational awareness for various environments, including shooting ranges and outdoor activities. These earbuds are designed to protect your hearing from loud impulse noises while amplifying low-level sounds for improved communication and environmental awareness.

Package Contents

- Impact Sport In-Ear Electronic Hearing Protection Earbuds
- USB-C Charging Cable
- Three (3) Pairs of Foam Eartips (Small, Medium, Large)
- Carrying Case



Image: The compact carrying case for the Impact Sport In-Ear hearing protection, designed for portability and protection of the earbuds and accessories.



Image: A selection of three different sized foam eartips (small, medium, large) to ensure a comfortable and secure fit for various ear canal sizes.

Product Features

- **Passive Hearing Protection:** 29 dB Noise Reduction Rating (NRR) when electronic features are off.
- **Electronic Hearing Protection:** Automatically stops sound amplification when impulse noises exceed 85 dB.
- **Situational Awareness:** 6X sound amplification of low-level frequencies.
- **Omni-Directional Microphones:** Two in-ear microphones for identifying sound direction.
- **Adjustable Volume:** Eight different volume settings for hear-through audio.
- **Long-Lasting Battery:** 200mAh lithium battery provides up to 50 hours of continuous run-time.
- **Quick Recharge:** USB-C charging with approximately two hours recharge time.
- **Comfortable Design:** Lightweight, flexible earhook, and soft foam eartips for extended wear.



Image: The Howard Leight Impact Sport In-Ear electronic hearing protection earbuds, featuring a connected design and control module.

Safety Information

Always ensure proper fit of the eartips to achieve the stated Noise Reduction Rating (NRR). Improper fit will reduce effectiveness.
This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
In continuous noise environments, use passive mode for maximum continuous protection.

Setup

1. Charging the Earbuds

1. Locate the USB-C charging port on the control module.
2. Connect the provided USB-C cable to the port and a suitable USB power source.
3. The power indicator light will illuminate during charging. A full charge takes approximately two hours.
4. Disconnect the cable once charging is complete.

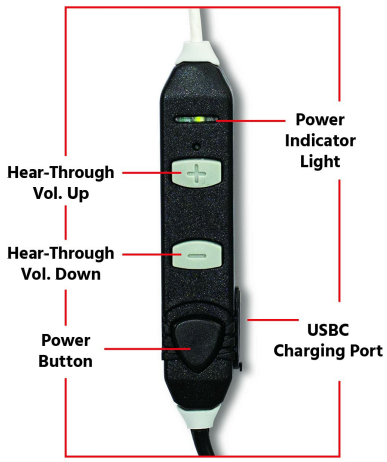


Image: A detailed view of the control module, highlighting the power button, volume up/down buttons, power indicator light, and the USB-C charging port.

2. Selecting and Fitting Ear Tips

1. Choose the eartip size (Small, Medium, Large) that provides the most comfortable and secure seal in your ear canal. A proper seal is crucial for effective hearing protection and sound amplification.
2. Gently compress the foam eartip and insert it into your ear canal.
3. Hold the eartip in place until it expands to create a snug fit.

3. Wearing the Earbuds

1. Position the flexible earhook over the top of your ear.
2. Adjust the earhook to ensure the earbud remains securely in place without discomfort. The cord should rest comfortably around your neck.



Image: A close-up view of the individual earbuds, showing the foam eartips and the ergonomic design.

Operating Instructions

1. Power On/Off

To power on, press and hold the power button on the control module until the power indicator light illuminates.
To power off, press and hold the power button until the power indicator light turns off.

2. Adjusting Hear-Through Volume

Once powered on, use the "+" button to increase the hear-through volume and the "-" button to decrease it. There are eight distinct volume increments.
The earbuds will automatically compress loud impulse noises exceeding 85 dB, even with amplification active.

3. Passive Mode

When the earbuds are powered off, they function as passive hearing protection with a 29 dB NRR. This mode is recommended for continuous noise environments where active amplification is not desired.

Maintenance

- **Cleaning:** Regularly clean the eartips with a damp cloth. Replace eartips if they become worn or damaged to maintain optimal performance and hygiene.
- **Storage:** Store the earbuds in the provided carrying case when not in use to protect them from dust, dirt, and damage.
- **Battery Care:** Recharge the battery regularly, even if not in frequent use, to prolong its lifespan. Avoid extreme temperatures during storage and charging.

Troubleshooting

Problem	Possible Cause	Solution
No sound or low volume	Earbuds are off; low battery; improper eartip fit; volume too low	Power on earbuds; charge battery; adjust eartip fit for a seal; increase volume
Poor hearing protection	Improper eartip fit; damaged eartips	Ensure a tight seal with correct eartip size; replace worn eartips
Earbuds not charging	USB-C cable not connected properly; faulty cable/charger	Reconnect cable securely; try a different USB-C cable or power source
Earbuds uncomfortable	Incorrect eartip size; improper earhook adjustment	Try a different eartip size; adjust earhook for a more secure and comfortable fit

Specifications

Model: R-02700

Noise Reduction Rating (NRR): 29 dB (passive)

Sound Amplification: Up to 6X

Battery Type: 200mAh Lithium Polymer (included)

Battery Life: Up to 50 hours continuous run-time

Charging Time: Approximately 2 hours

Charging Port: USB-C

Product Dimensions: 5.63 x 2 x 8.5 inches

Weight: 4.64 ounces

Ear Placement: In Ear

Noise Control: Sound Isolation

Warranty and Support

For warranty information and customer support, please visit the official Howard Leight website or contact their customer service department. Keep your proof of purchase for any warranty claims.

You can also visit the Howard Leight Store on Amazon for additional product information and resources.

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