

## ISOtunes PRO 3.0

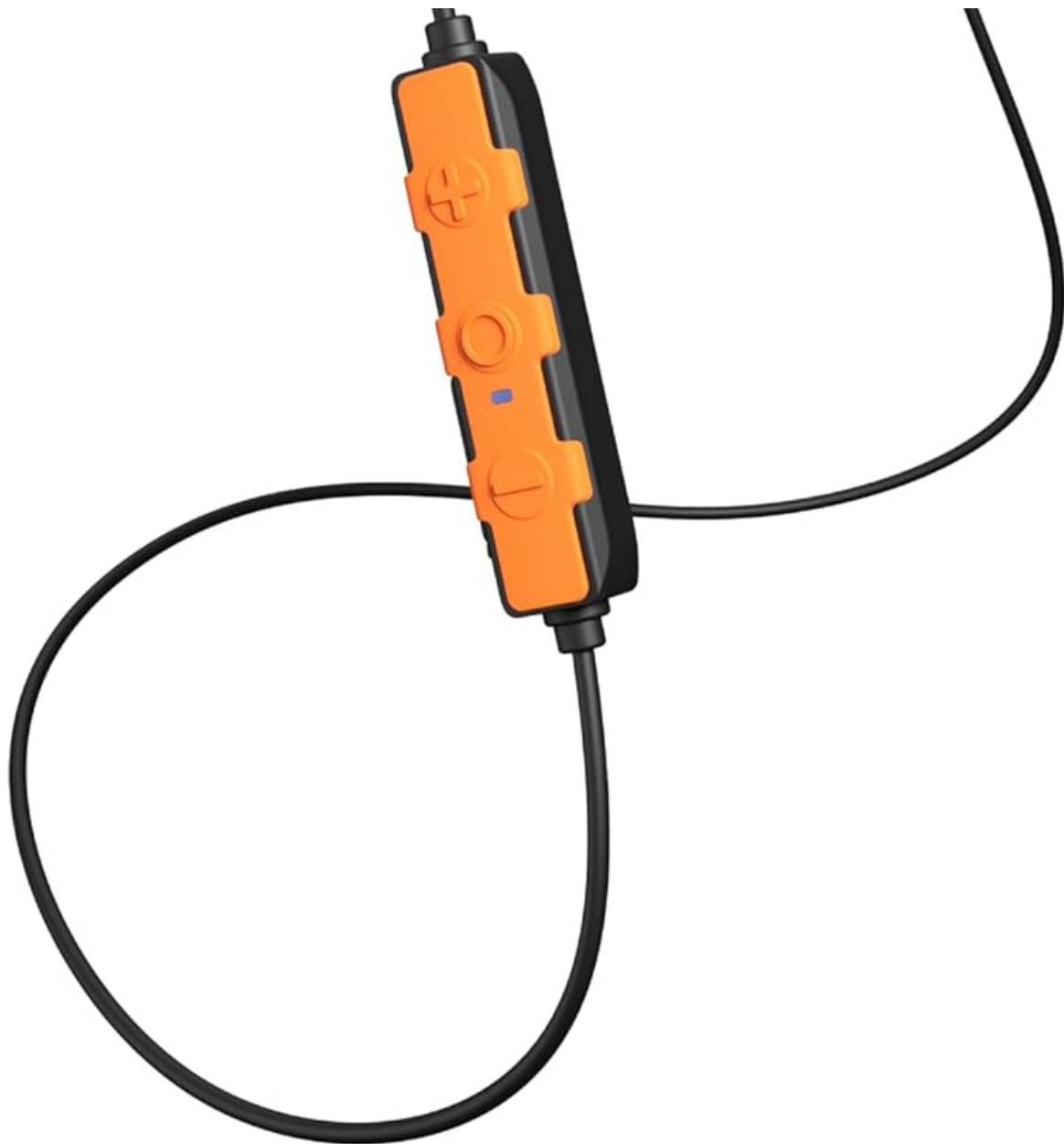
# ISOtunes PRO 3.0 Bluetooth Hearing Protection Earbuds User Manual

Model: PRO 3.0 (IT-21B)

## 1. INTRODUCTION

The IStunes PRO 3.0 Bluetooth Hearing Protection Earbuds are designed to provide certified hearing protection while allowing for audio streaming and communication in noisy environments. This manual provides essential information for the proper setup, operation, and maintenance of your device.





*Image 1.1: ISOtunes PRO 3.0 Bluetooth Hearing Protection Earbuds, Safety Orange variant, showcasing the earbuds, inline control panel, and connecting cable.*

## 2. PACKAGE CONTENTS

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Verify that all items listed below are included in your package:

# BOX INCLUDES



Image 2.1: Visual representation of the ISOtunes PRO 3.0 package contents, including the earbuds, carrying case, USB-C charging cable, various eartips, and cable management clips.

- ISOtunes PRO 3.0 Earbuds
- USB-C Charging Cable
- Carrying Case
- 4 Pairs of Trilogy™ Foam Eartips (XS, S, M, L)
- 1 Pair of Silicone Triple Flange Eartips
- 2 Cable Management Clips
- 1 Alligator Clip

## 3. IMPORTANT SAFETY INFORMATION

The ISOtunes PRO 3.0 earbuds are designed for hearing protection. Adhere to all safety guidelines to ensure proper function and personal safety.

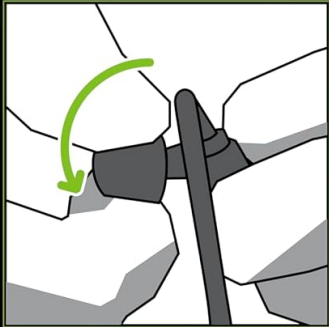
- **OSHA Compliance:** These earbuds are OSHA approved and feature an ANSI-certified Noise Reduction Rating (NRR) of 27 dB. The SafeMax volume limit is set to 85dB to protect against hearing damage.
- **Proper Fit:** Achieving the stated NRR requires a proper seal. Refer to the eartip selection and insertion guide for optimal fit.
- **Environmental Awareness:** While providing hearing protection, always remain aware of your

surroundings, especially in hazardous environments.

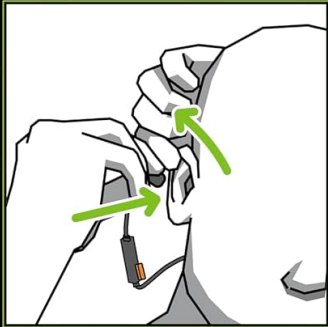
# HOW IT WORKS

## 1 Passive Hearing Protection

Eartips are made of heat-activated polyurethane foam designed and tested for reducing noise (27 NRR).



Roll foam between your fingers



Insert into your ear and wait for it to expand

# HOW LOUD IS TOO LOUD?

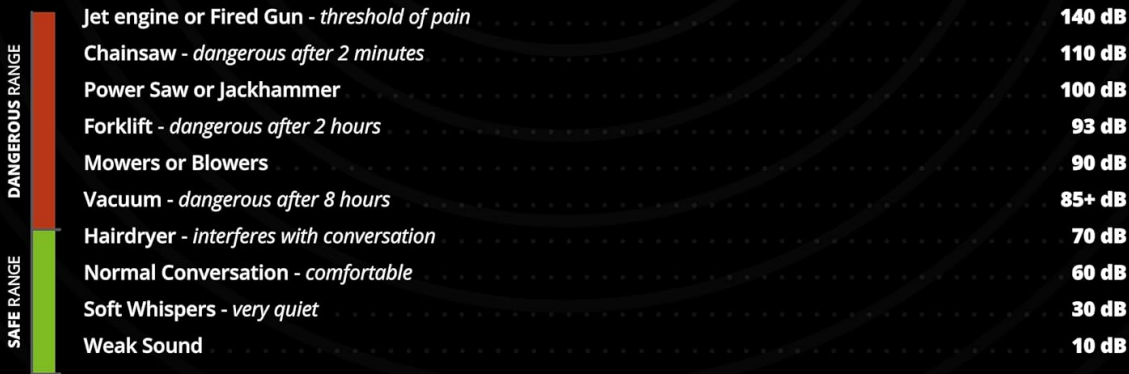
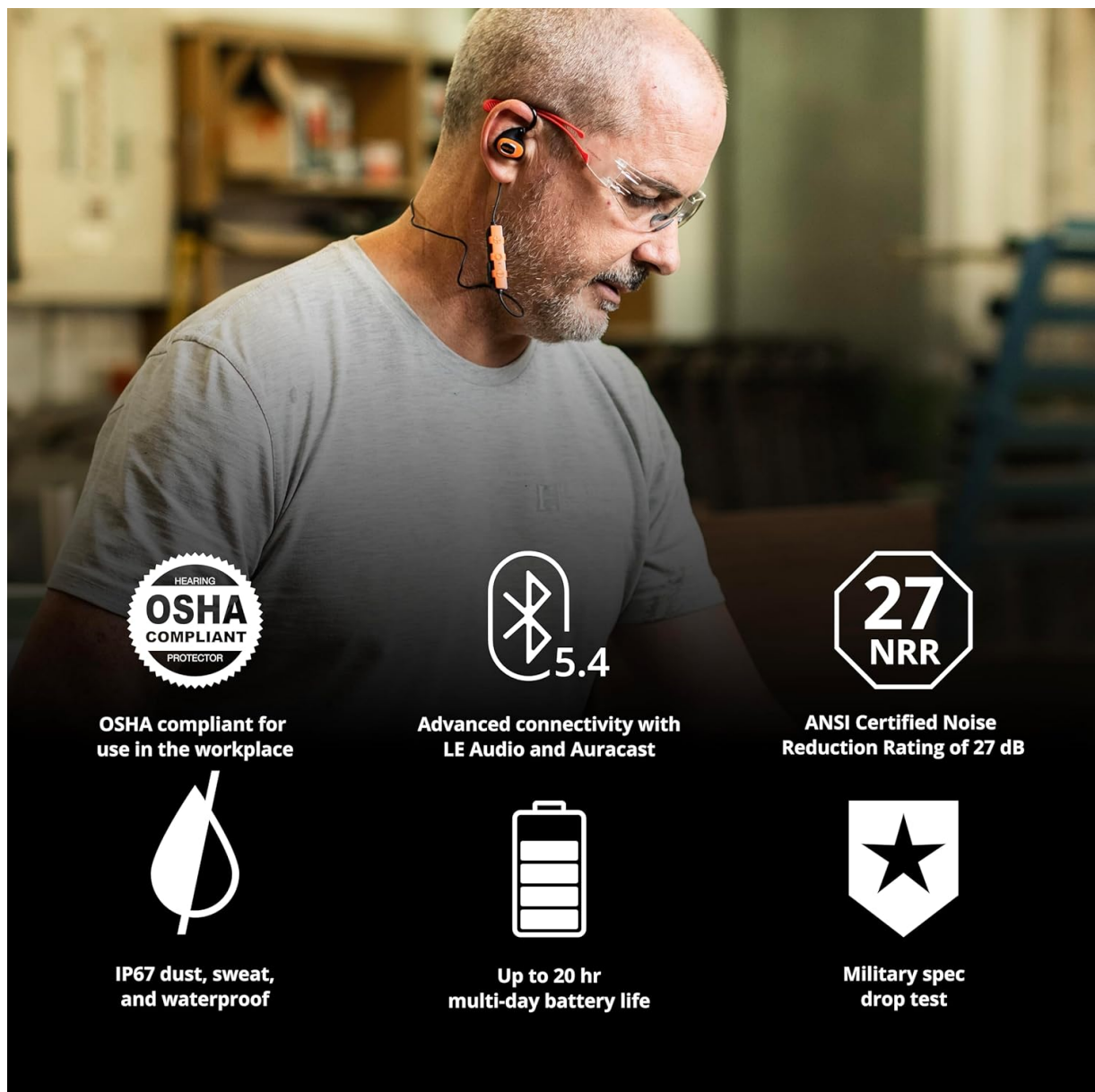


Image 3.1: A diagram illustrating the correct method for rolling and inserting foam eartips into the ear canal, alongside a chart detailing various noise levels and their potential for hearing damage.

## 4. PRODUCT FEATURES

The ISOtunes PRO 3.0 offers a range of features designed for demanding work environments:



*Image 4.1: A graphic summarizing the key features: OSHA compliance, Bluetooth 5.4 with LE Audio and Auracast, 27 dB NRR, IP67 dust/sweat/waterproof rating, up to 20-hour battery life, and military-spec drop test durability.*

- **Certified Hearing Protection:** ANSI-certified 27 dB NRR and SafeMax 85dB volume limit.
- **Durable Construction:** IP67 dust and waterproof rating, tested to military drop & shock standards (MIL-STD 810H), aramid-reinforced cables.
- **Extended Battery Life:** Up to 20 hours of use on a single charge, with USB-C fast charging.
- **High-Quality Audio:** Custom-tuned full-range dynamic drivers for clear sound.
- **Advanced Connectivity:** Bluetooth 5.4 with Low Energy (LE) Audio and Auracast support, dual pairing, and 2-way radio compatibility.



# ALL-PURPOSE ELECTRONIC HEARING PROTECTION

INDUSTRIAL · ALL-DAY COMFORT · BLUETOOTH



Image 4.2: Demonstrates the versatility of the ISOtunes PRO 3.0 earbuds in different work environments such as outdoor power equipment operation, manufacturing, woodworking, and construction.

## 5. SETUP GUIDE

### 5.1 Charging Your Earbuds

Before first use, fully charge your ISOtunes PRO 3.0 earbuds.

1. Locate the USB-C charging port on the inline control panel.
2. Connect the provided USB-C cable to the port and the other end to a compatible USB power source.
3. The LED indicator on the control panel will show charging status. A full charge takes approximately 1.5-2 hours. A 10-minute quick charge provides approximately 2 hours of listening time.

### 5.2 Eartip Selection and Insertion

Proper eartip selection and insertion are crucial for optimal hearing protection and sound quality.

1. **Choose the Right Size:** Experiment with the included Trilogy™ foam eartips (XS, S, M, L) and silicone triple flange eartips to find the size that provides a snug, comfortable fit and a good seal in your ear canal.

2. **Foam Eartip Insertion:** Roll the foam eartip into a tight, creaseless cylinder. Insert the compressed eartip into your ear canal and hold it in place for 5-10 seconds while it expands to create a seal.
3. **Silicone Eartip Insertion:** Gently push the silicone eartip into your ear canal until it forms a comfortable seal.

## 5.3 Bluetooth Pairing

To connect your ISOtunes PRO 3.0 to a Bluetooth-enabled device:

1. Ensure the earbuds are powered off.
2. Press and hold the multi-function button on the control panel until the LED indicator flashes blue and red, indicating pairing mode.
3. On your device, enable Bluetooth and search for available devices.
4. Select "ISOtunes PRO 3.0" from the list.
5. Once connected, the LED indicator will flash blue periodically.

## 6. OPERATING YOUR ISOTUNES PRO 3.0

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*Image 6.1: A detailed view of the ISOtunes PRO 3.0 earbuds and the inline control panel, showing the buttons for power, volume, and multi-function.*

## 6.1 Power On/Off

- **Power On:** Press and hold the multi-function button for 3 seconds. The LED will flash blue.
- **Power Off:** Press and hold the multi-function button for 5 seconds. The LED will flash red and then turn off.

## 6.2 Call Management

- **Answer/End Call:** Press the multi-function button once.
- **Reject Call:** Press and hold the multi-function button for 2 seconds.
- **Voice Assistant:** Double-press the multi-function button to activate your device's voice assistant.

## 6.3 Music Playback

- **Play/Pause:** Press the multi-function button once.
- **Next Track:** Press the volume up (+) button for 2 seconds.
- **Previous Track:** Press the volume down (-) button for 2 seconds.

## 6.4 Volume Control

- **Increase Volume:** Press the volume up (+) button.
- **Decrease Volume:** Press the volume down (-) button.

## 6.5 Dual Pairing and 2-Way Radio Compatibility

The PRO 3.0 supports dual pairing, allowing connection to two Bluetooth devices simultaneously. It also offers compatibility with 2-way radios for enhanced communication in professional settings. Refer to your 2-way radio's manual for specific pairing instructions.

## 7. CARE AND MAINTENANCE

- **Cleaning:** Regularly clean eartips with a damp cloth. For foam eartips, replace them when they become dirty or lose their elasticity. The earbuds themselves can be wiped with a soft, dry cloth. Do not use harsh chemicals.
- **Storage:** Store the earbuds in the provided carrying case when not in use to protect them from dust, moisture, and physical damage.
- **Water Exposure:** While IP67 rated, avoid prolonged submersion. Ensure the USB-C port cover is securely closed before exposure to water or dust.

## 8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Earbuds do not power on	Low battery	Charge the earbuds using the USB-C cable.
Cannot pair with device	Earbuds not in pairing mode; Device Bluetooth off; Out of range	Ensure earbuds are in pairing mode (flashing blue/red). Turn on device Bluetooth. Move device closer to earbuds.








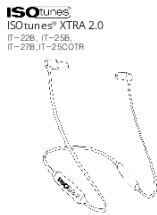
Problem	Possible Cause	Solution
Poor sound quality or low volume	Improper eartip fit; Low battery; Source audio quality	Adjust eartips for a secure seal. Charge earbuds. Check audio source quality.
Intermittent connection	Interference; Out of range; Low battery	Move away from other wireless devices. Reduce distance to paired device. Charge earbuds.

## 9. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	PRO 3.0
Item Model Number	IT-21B
Noise Reduction Rating (NRR)	27 dB
SafeMax Volume Limit	85 dB
Bluetooth Version	5.4 (with LE Audio & Auracast support)
Battery Life	Up to 20 Hours
Charging Time	Approx. 1.5-2 hours (10 min quick charge for 2 hours use)
Charging Port	USB-C
Water Resistance Level	IP67 (Dust, Sweat, and Waterproof)
Durability Standard	MIL-STD 810H (Military Drop & Shock)
Frequency Range	20 Hz - 20,000 Hz
Impedance	32 Ohm
Item Weight	8.1 ounces
Product Dimensions	4.75 x 4.5 x 2.25 inches
UPC	850045924232

## 10. WARRANTY AND CUSTOMER SUPPORT

ISOtunes products are backed by a manufacturer's warranty. For specific warranty details, registration, or to contact customer support, please visit the official ISOtunes website or refer to the warranty card included in your product packaging. You may also reach out to the seller directly for assistance.

	<p><a href="#"><u>ISOtunes XTRA Professional Noise-Isolating Earbuds User Manual</u></a></p> <p>Comprehensive user manual for ISOtunes XTRA noise-isolating Bluetooth earbuds, covering features, operation, fitting, safety, specifications, and noise attenuation data.</p>
	<p><a href="#"><u>ISOtunes Sport DEFY Slim IT-43 Noise Isolating Headphones - User Manual &amp; Specifications</u></a></p> <p>Comprehensive user manual and technical specifications for the ISOtunes Sport DEFY Slim IT-43 noise isolating headphones. Covers fitting, operation, Bluetooth pairing, charging, noise attenuation (NRR/SNR) data, SafeMax™ technology, Tactical Sound Control™, maintenance, safety warnings, and compliance information.</p>
	<p><a href="#"><u>ISOtunes FREE True Wireless Noise-Isolating Earbuds User Manual and Guide</u></a></p> <p>Comprehensive guide to ISOtunes FREE True Wireless Noise-Isolating Earbuds, covering features, fitting, operation, specifications, safety, and troubleshooting. Features OSHA-compliant hearing protection with 22 dB NRR and SafeMax™ Technology.</p>
	<p><a href="#"><u>ISOtunes XTRA 2.0: Noise-Isolating Bluetooth Earbuds for Loud Environments</u></a></p> <p>Discover ISOtunes XTRA 2.0, professional noise-isolating Bluetooth earbuds designed for comfort and safety in loud workplaces. Featuring OSHA compliance, IP67 rating, and up to 11 hours of battery life.</p>
	<p><a href="#"><u>ISOtunes XTRA 2.0 Noise Isolating Headphones - User Manual &amp; Specifications</u></a></p> <p>Comprehensive user manual for ISOtunes XTRA 2.0 noise isolating headphones. Learn about fitting, noise attenuation (NRR/SNR), SafeMax™ technology, maintenance, safety warnings, and technical specifications. Includes compliance information and contact details.</p>
	<p><a href="#"><u>ISOtunes XTRA 2.0 Noise Isolating Headphones User Manual and Specifications</u></a></p> <p>Comprehensive user manual for ISOtunes XTRA 2.0 noise isolating headphones, detailing fitting, safety, noise attenuation (NRR/SNR) tables, SafeMax™ technology, cleaning, maintenance, warnings, recommendations, and regulatory compliance.</p>