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MINELAB 866

MINELAB ML 80 Bluetooth Wireless Low Latency Headphones User Manual

Model: 866

1. INTRODUCTION

This manual provides comprehensive instructions for the setup, operation, and maintenance of your MINELAB ML 80 Bluetooth Wireless Low Latency Headphones. Designed for use with Minelab Equinox series metal detectors, these headphones offer both wireless freedom and a reliable wired connection option.

Please read this manual thoroughly before using the product to ensure proper functionality and to maximize your metal detecting experience.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Bluetooth Wireless Connectivity:** Provides freedom of movement during use.
- **Low Latency Audio Transmission:** Ensures minimal time delay for real-time audio signals, crucial for metal detecting.
- **Dual Connection Options:** Supports both wireless Bluetooth and wired 3.5mm (1/8-inch) auxiliary cable connections.
- **Lightweight Construction:** Designed for comfortable extended use.
- **Compatibility:** Fully compatible with Minelab Equinox 600 and Minelab Equinox 800 metal detectors.

2.2 What's in the Box

- MINELAB ML 80 Bluetooth Wireless Low Latency Headphones
- Black Carrying Case
- 1/8" Aux Cable
- Charging Cable

2.3 Product Images



Figure 1: The Minelab ML 80 Bluetooth Wireless Low Latency Headphones shown with its included black carrying case, 1/8" aux cable, and charging cable. This image provides a complete view of all items included in the product package.



Figure 2: A direct front view of the Minelab ML 80 Headphones, highlighting the earcups with the MINELAB logo and the padded headband. This perspective shows the overall design and comfort features.



Figure 3: A top-down view of the Minelab ML 80 Headphones, illustrating the adjustable headband and the swivel mechanism of the earcups. This view emphasizes the compact and foldable design for portability.

3. SETUP

3.1 Charging the Headphones

Before initial use, fully charge the ML 80 headphones. Connect the provided charging cable to the charging port on the headphones and the other end to a USB power source (e.g., computer USB port, USB wall adapter). The charging indicator light will typically show red while charging and turn off or change color when fully charged.

3.2 Bluetooth Pairing

1. Ensure the headphones are turned off.
2. Press and hold the power button on the headphones until the indicator light begins to flash rapidly (often blue/red alternating), indicating pairing mode.
3. On your Minelab Equinox metal detector (or other Bluetooth-enabled device), navigate to the Bluetooth settings.
4. Select "ML 80" from the list of available devices.
5. Once connected, the indicator light on the headphones will typically turn solid blue or flash slowly.

3.3 Wired Connection

For a wired connection, use the included 1/8" (3.5mm) aux cable. Plug one end into the 3.5mm headphone socket on your metal detector and the other end into the corresponding port on the ML 80 headphones. The headphones will automatically switch to wired mode when the cable is connected.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press and hold the power button for approximately 3 seconds until the indicator light illuminates.
- **To Power Off:** Press and hold the power button for approximately 3-5 seconds until the indicator light turns off.

4.2 Volume Control

Use the volume up (+) and volume down (-) buttons located on the earcup to adjust the audio level to your preference. You may also need to adjust the volume directly on your connected metal detector or device.

4.3 Using with Metal Detector

When connected wirelessly via Bluetooth, the ML 80 headphones utilize apt-X Low Latency technology to minimize audio delay, providing a near real-time response from your metal detector. This is crucial for accurately pinpointing targets. Ensure your metal detector's Bluetooth is enabled and properly paired with the headphones for optimal performance.

5. MAINTENANCE

5.1 Cleaning

- Wipe the headphones with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or strong chemicals.
- Avoid getting moisture into any openings.

5.2 Storage

Store the headphones in the provided black carrying case when not in use to protect them from dust, dirt, and physical damage. Store in a cool, dry place away from direct sunlight and extreme temperatures.

5.3 Battery Care

- Charge the battery regularly, even if the headphones are not used frequently, to maintain battery health.
- Avoid fully discharging the battery for extended periods.
- Do not expose the battery to high temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No sound from headphones (wireless)	Headphones not powered on; Not paired; Out of range; Low battery; Volume too low.	Ensure headphones are on; Re-pair with device; Move closer to device; Charge headphones; Increase volume on headphones and device.
No sound from headphones (wired)	Aux cable not fully inserted; Faulty cable; Device volume too low.	Ensure cable is securely plugged in; Try a different 3.5mm cable; Increase volume on device.
Cannot pair headphones	Headphones not in pairing mode; Device Bluetooth off; Interference.	Ensure headphones are flashing rapidly; Turn device Bluetooth off/on; Move away from other wireless devices.
Short battery life	Battery not fully charged; Old battery; Extreme temperatures.	Fully charge headphones; Battery degradation is normal over time; Avoid using in extreme hot/cold.

7. SPECIFICATIONS

Feature	Detail
Connectivity Technology	Wireless
Wireless Communication Technology	Bluetooth
Included Components	Headphones, Carrying Case, 1/8" Aux Cable, Charging Cable
Age Range (Description)	Adult
Material	Metal
Specific Uses For Product	Metal Detecting
Recommended Uses For Product	Cycling, Running, Exercising
Item Weight	3.04 ounces (0.19 Pounds)
Water Resistance Level	Not Water Resistant
Number of Items	1
UPC	009068027530
Manufacturer	Minelab
Product Dimensions	2 x 4.5 x 2 inches
Item model number	866
Batteries	1 Lithium Polymer batteries required (included)
Brand	MINELAB
Color	Black
Ear Placement	Over Ear
Form Factor	On Ear
Headphones Jack	3.5 mm Jack

8. WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the official MINELAB website or contact their customer service directly. Keep your proof of purchase for any warranty claims.

You can typically find support resources, FAQs, and contact information on the manufacturer's official product support pages.