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› XP Metal Detectors BH-01 Bone Conduction Wired Headphones User Manual

XP METAL DETECTORS BH-01

XP Metal Detectors BH-01 Bone Conduction Wired Headphones User Manual

Model: BH-01 | Brand: XP METAL DETECTORS

1. PRODUCT OVERVIEW

The XP BH-01 Bone Conduction Wired Headphones are specifically designed for use with the XP Deus II metal detector. These headphones utilize bone conduction technology to transmit sound directly to the inner ear through vibrations on the cheekbone, bypassing the eardrums. This design makes them suitable for underwater metal detection and allows users to maintain awareness of their surroundings when used on land.

Certified IP68, the BH-01 headphones are waterproof for submersion up to 20 meters (66 feet), ensuring reliable performance in various aquatic environments. They are manufactured in France and come with a 2-year warranty.



Figure 1: XP BH-01 Bone Conduction Wired Headphones. These headphones are designed to sit comfortably on the cheekbones, transmitting sound through bone vibrations.

2. KEY FEATURES

- **Bone Conduction Technology:** Transmits audio directly through vibrations to the cheekbone, allowing for clear sound without covering the ears.
- **Waterproof IP68 Certified:** Fully submersible up to 20 meters (66 feet), ideal for underwater metal detection with the XP Deus II.
- **Multi-Terrain Use:** Enables users to hear ambient sounds on land, enhancing safety and situational awareness. Can also be used with earplugs in noisy conditions for focused detection.
- **Optimized for Noisy Environments:** Provides clear audio even in disturbed or windy water conditions, protecting the ears while maintaining sound perception.
- **Durable Construction:** Designed for longevity and supplied with a dedicated storage bracket to maintain shape.
- **Made in France:** Ensures high-quality manufacturing standards.

DEUS II BH-01

THE 1st BONE CONDUCTION
HEADPHONES DESIGNED
FOR METAL DETECTING



WATERPROOF



CERTIFIED FOR
SUBMERSION
UP TO 66FT



RICH AUDIO



KEEP SAFE
AND AWARE



Where Submersion Meets Precision -
Scuba Certified Up to 66ft”



Figure 2: Overview of key features, highlighting the waterproof capability, rich audio, and bone conduction design.

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Video 1: Official product video demonstrating the XP BH-01 Bone Conduction Headphones and their features. This video provides a visual guide to the product's capabilities and design.

3. SETUP

The BH-01 headphones are designed for exclusive compatibility with the XP Deus II metal detector. Connection is straightforward via a proprietary 6-pin connector.

1. Locate the dedicated headphone port on your XP Deus II metal detector.
2. Align the 6-pin connector of the BH-01 headphones with the port.
3. Gently push the connector into the port until it is securely seated. Ensure a firm connection to maintain waterproofing and optimal audio transmission.

DEUS II

BH-01

PRECISION IN EVERY TONE,
UNCOVER TREASURES
THANKS TO RICH AUDIO



The DEUS II integrated amplifier delivers exceptional audio quality under water for BH-01 bone conduction headphones.

How to plug the BH-01



RICH AUDIO

Figure 3: Connection diagram for the BH-01 headphones to the Deus II control unit. The Deus II's integrated amplifier ensures exceptional audio quality underwater.

4. OPERATING INSTRUCTIONS

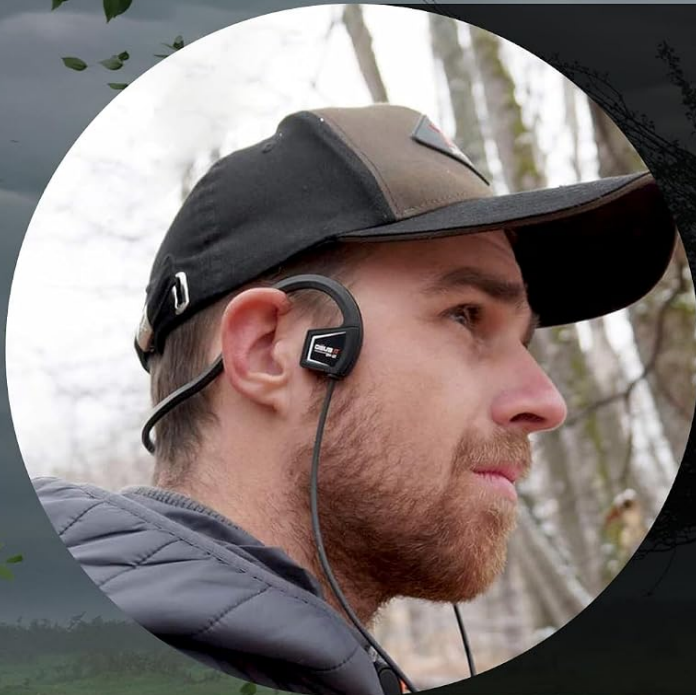
4.1. On Land Use

When using the BH-01 headphones on land, their bone conduction design allows you to hear the metal detector's signals clearly while remaining aware of your surrounding environment. This is particularly beneficial for safety in busy or natural settings.

- Position the transducers firmly on your cheekbones, just in front of your ears.
- Adjust the fit for comfort and secure placement.
- In noisy or windy conditions, you may opt to use earplugs (not included) to further isolate the metal detector's audio and enhance focus.

DEUS II FREEING UP YOUR EARS

BH-01



KEEP SAFE
AND AWARE

Hear the metal and
stay aware of your
surroundings



ALL TERRAIN

Performant and comfortable in
noisy and windy conditions

Figure 4: The BH-01 headphones allow users to hear their surroundings while metal detecting on land, promoting safety and awareness.

4.2. Underwater Use

The IP68 certification ensures the BH-01 headphones are fully functional and waterproof for deep submersion. They work effectively whether you are wearing a diving hood or not.

- Ensure the connection to the XP Deus II is secure before entering the water.
- The bone conduction technology provides clear audio even in disturbed or noisy underwater environments, allowing you to pinpoint targets accurately.
- The headphones are designed to withstand pressure up to 20 meters (66 feet) depth.

DEUS II

BH-01

COMFORT REDEFINED -
WHERE ERGONOMICS AND
METAL DETECTION EMBRACE



BH-01 works perfectly
both with or without
your diving hood



Detection for everybody: with
BH-01, listen with your bones
not with your ears.

Figure 5: The BH-01 headphones are designed for underwater use, functioning perfectly with or without a diving hood, allowing for clear detection through bone conduction.

5. MAINTENANCE

Proper maintenance will extend the lifespan of your XP BH-01 headphones.

- **Cleaning:** After each use, especially in saltwater, rinse the headphones thoroughly with fresh water to prevent corrosion. Wipe them dry with a soft cloth.
- **Storage:** Always store the BH-01 headphones on their supplied storage bracket. This helps them maintain their original shape and ensures a snug fit on your cheekbones during future use. Store in a cool, dry place away from direct sunlight.
- **Cable Care:** Avoid sharp bends or excessive pulling on the cable to prevent internal damage.

DEUS II

BH-01

BH-01 FORM KEEPER STORAGE BRACKET



**STORAGE BRACKET
INCLUDED**

Always store the BH-01 on its bracket.
Your headphones can keep their shape
and sit snugly on your cheekbones.



Figure 6: The included storage bracket helps maintain the shape and fit of your BH-01 headphones for optimal comfort and performance.

6. TROUBLESHOOTING

If you encounter issues with your XP BH-01 headphones, please refer to the following common solutions:

Problem	Possible Cause	Solution
No sound or intermittent sound	Loose connection; damaged cable; Deus II not powered on.	Ensure the 6-pin connector is fully seated. Check the cable for visible damage. Verify your XP Deus II is powered on and functioning correctly.
Sound is unclear or distorted	Improper placement on cheekbones; water in connection (underwater use).	Adjust the headphones to ensure firm contact with your cheekbones. For underwater use, ensure the connector is dry before plugging in and that the port is clean.

Problem	Possible Cause	Solution
Headphones do not fit comfortably	Incorrect adjustment; not stored on bracket.	Adjust the headband for a comfortable yet secure fit. Always store the headphones on their bracket to maintain their ergonomic shape.

If the issue persists after attempting these solutions, please contact XP Metal Detectors customer support for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	BH-01 Bone Conduction Headphones
Connectivity Technology	Wired (Proprietary 6-pin connector)
Compatible Devices	XP Deus II Metal Detector
Water Resistance Level	IP68 Certified (Submersible up to 20m / 66ft)
Frequency Range	100 to 300Hz
Item Weight	58 Grams (2.05 ounces)
Product Dimensions	8 x 5 x 4.5 inches
Material	Metal
Color	Black
Ear Placement	Cheekbone-mounted (Bone Conduction)
Included Components	Headset, Storage Bracket
Manufacturer	XP Metal Detectors

8. WARRANTY AND SUPPORT

The XP BH-01 Bone Conduction Wired Headphones are covered by a **2-Year Warranty** from the date of purchase. This warranty covers manufacturing defects and ensures the product is designed to last.

For warranty claims, technical support, or any inquiries regarding your BH-01 headphones, please contact XP Metal Detectors customer service through their official website or authorized distributors. Please have your proof of purchase and product model number (BH-01) ready when contacting support.

For more information, visit the [XP METAL DETECTORS Store on Amazon](#).