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> XP Metal Detectors Deus User Manual - DEUS28X35WS4US

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XP Metal Detectors Deus User Manual

Model: DEUS28X35WS4US

1. INTRODUCTION

This manual provides essential instructions for the setup, operation, maintenance, and troubleshooting of your XP Metal Detectors Deus. Please read this manual thoroughly before using your device to ensure optimal performance and longevity.



Figure 1: XP Metal Detectors Deus with 11" X35 Coil, WS4 Headphones, and S-Telescopic Lite Stem.

2. KEY FEATURES

- **Fully Wireless System:** Components communicate via a fast XP digital radio protocol.
- **WS4 Headphones:** 10 times faster wireless technology than Bluetooth, controlling the detector in a lightweight configuration (1.7 lbs).
- **11" X35 Coil:** Light, waterproof, offering 35 frequency choices from 3.7 to 27.7 kHz with precise iron discrimination.
- **S-Telescopic Stem:** Patented design for quick collapse, instant storage, and enhanced maneuverability.
- **Weatherproof Design:** WS4 headphones are shower-proof.
- **Long Battery Life:** Up to 27 hours for WS4 headphones, up to 15 hours for the coil (depending on programs and frequencies).

DEUS WIRELESS COIL

Never miss a target with 35 different frequencies according to the soil characteristics and desired target



Figure 2: Overview of the XP Deus's wireless and lightweight design.

3. SETUP

3.1 Assembly

1. Attach the 11" X35 coil to the S-Telescopic Stem.
2. Ensure the WS4 headphones are charged.
3. Power on the WS4 headphones and the detector coil. The components will automatically establish a wireless connection.

3.2 Initial Power-Up and Pairing

The XP Deus system is designed for quick setup. The coil and WS4 headphones communicate wirelessly. Upon powering on both units, they should automatically pair. If pairing issues occur, refer to the troubleshooting section.

WS4 HEADPHONES

FASTEST WIRELESS
HEADPHONES FOR DEUS



Figure 3: WS4 Headphones with key features.

4. OPERATING INSTRUCTIONS

The WS4 headphones serve as the primary control interface for the XP Deus Lite configuration. All essential settings can be adjusted directly from the headphone module.

4.1 Menu Navigation and Settings

The WS4 headphones feature a simple interface with 'Menu', '+', and '-' buttons. Pressing the 'Menu' button cycles through main settings. Holding the 'Menu' button accesses advanced features within each setting.

- **Discrimination:** Adjust the level of iron rejection. Hold 'Menu' to access Reactivity (0-5). Higher reactivity is suitable for trashy areas.
- **Sensitivity:** Controls the detector's depth and stability. Hold 'Menu' to access TX Power (1-3). TX Power boosts overall signal strength, useful in quiet ground conditions.
- **Ground Balance:** Automatically or manually adjust to ground conditions. Hold 'Menu' to activate Ground Balance Tracking mode.
- **Frequency:** Select from 35 frequencies (3.7 to 27.7 kHz) using '+' and '-'. Hold 'Menu' to access Frequency Offset for interference reduction.
- **Tones:** Adjust audio tones. Hold 'Menu' to modify Iron Volume, allowing you to quieten or amplify the low

iron tone.

- **Volume:** Adjust headphone volume. Hold 'Menu' to access Audio Response, which affects how deep and shallow targets sound.
- **Coil Selection:** To add or select a coil, navigate to the 'Coil' menu. Use '+' and '-' to select an empty slot, then hold '+' until numbers flash. Enter the coil's serial number using '+' and '-' to change digits and 'Menu' to move to the next digit. Press 'Menu' to save.
- **Custom Programs:** To save a custom program, adjust your desired settings, then navigate to the 'Programs' menu. Select an empty program slot (e.g., 11-15). Hold the '+' button until it flashes, then press 'Menu' to save.

4.2 Detailed Tutorial Video

For a comprehensive guide on navigating the menus and utilizing the features of your XP Deus Lite, please watch the official tutorial video below:

Your browser does not support the video tag.

Video 1: XP Deus Lite Tutorial: Menus and Features. This video demonstrates how to navigate the WS4 headphone menus, adjust settings like discrimination, sensitivity, ground balance, frequency, tones, and volume, and how to save custom programs.



Figure 4: X35 Wireless Coil frequency capabilities.

5. MAINTENANCE

- **Cleaning:** The 11" X35 coil is waterproof and can be rinsed with fresh water. The WS4 headphones are shower-proof; avoid full submersion. Wipe down the stem and control module with a damp cloth.
- **Battery Care:** Charge batteries regularly. Avoid fully depleting the battery to prolong its lifespan.
- **Storage:** Store the detector in a dry, cool place. The S-Telescopic Stem collapses for compact storage.

WS4
HEADPHONES

SMART DESIGN

DETACHABLE MODULE

FOR CONNECTING A WIRED HEADSET (OPTIONAL) OR EASILY REPLACING THE BACK PHONE FRAME

FOLDABLE AND COMPACT

DESIGN TO LAST

5 YEAR WARRANTY

LONGTIME*

The advertisement features a black background with red circular highlights. On the left, a pair of black headphones is shown in a folded position. On the right, the detachable module is shown separately, highlighting its smart design. The text is in white and red, emphasizing the product's features and warranty.

Figure 5: WS4 Headphones detachable module for versatile use.

6. TROUBLESHOOTING

- **No Signal/Intermittent Signal:**
 - Ensure both the coil and WS4 headphones are fully charged and powered on.
 - Check that the coil and headphones are properly paired (refer to Section 4.1 for coil selection/pairing).
 - Adjust the Frequency Offset in the menu to avoid electromagnetic interference (EMI).
- **Difficulty with Ground Balance:**
 - Ensure you are performing ground balance correctly as per the operating instructions.
 - Try adjusting the Reactivity setting; a lower reactivity might help in highly mineralized ground.

- **False Signals/Chatter:**

- Lower the Sensitivity setting.
- Increase the Reactivity setting, especially in areas with high trash density.
- Perform a fresh Ground Balance.

- **Weak Target Signals:**

- Increase the Sensitivity setting.
- Consider increasing TX Power if operating in quiet ground conditions.
- Ensure the coil is swept consistently and close to the ground.

7. SPECIFICATIONS

Feature	Detail
Brand	XP METAL DETECTORS
Model Number	DEUS28X35WS4US
Coil Type	11" X35 Coil (Waterproof)
Operating Frequencies	3.7 to 27.7 kHz (35 choices)
Headphones	Wireless WS4 Headphones (Shower-proof)
Battery Life (WS4 Headphones)	Up to 27 Hours
Battery Life (Coil)	Up to 15 Hours (depending on programs and frequencies)
Item Weight	3 Pounds
Product Dimensions	22 x 11 x 4 inches
Material	Plastic

DEUS REMOTE CONTROL
Versatility and Performance with 10 factory quick start and 8 customisable programs

18 PROGRAMS

WIRELESS 10X FASTER THAN LOW LATENCY BLUETOOTH

- Pocket size Hip mount for a ultra light configuration

up to 19 hours Lithium battery

Figure 6: X35 Coil features including frequency range and battery life.

8. WARRANTY AND SUPPORT

The XP Metal Detectors Deus comes with a **5-year warranty**. For technical support, service, or warranty claims, please contact XP METAL DETECTORS customer service or visit their official website.



Figure 7: XP Metal Detectors commitment to durability and warranty.