

After charging your device !

Switch ON

- 1 Switch on the remote, press 1 second the button  

- 2 Choose the audio output

- 3 Switch on the headphone press 2 seconds  (WS6 / WSA II / WSA II XL)



NOTE: an headset paired with the remote control will turn on and off automatically.

The flash of the led indicates the awakening of the coil then flashes every second.

By default the DEUS II starts on the factory program N ° 1 GENERAL.

Use   to test another of the 12 factory programs.



Switch OFF

Press 2 seconds the button on top left   to switch off the remote control.

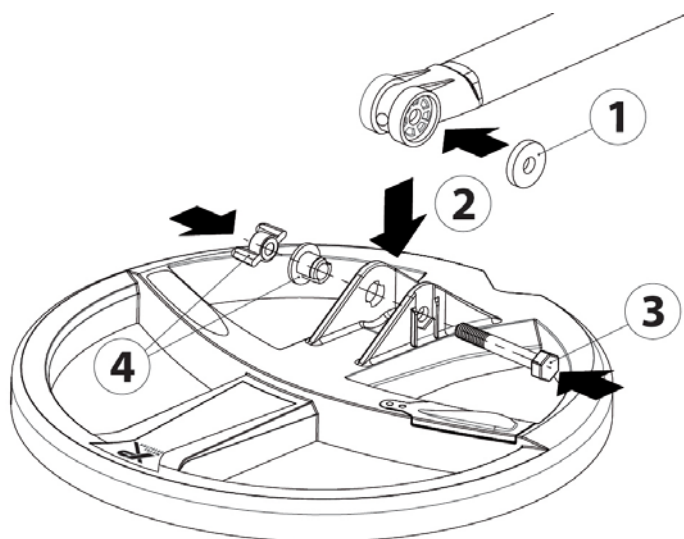
The wireless XP headphones switches off automatically (otherwise force it off by pressing  and ).

If you wish to change the main detection settings:

Press , scroll through the functions, set with   and press  to return to the main menu.

ASSEMBLY

FMF Coil



- ① Insert the rubber washer inside the lower stem.
- ② Position the lower stem on the coil.
- ③ Position the screw.
- ④ Add space and screw in.

Remote assembly



- ① Remove the protective cap.



- ② Insert the remote.

Adjust arm rest



- ① Remove the screw.



- ② Adjust the arm rest on one of the three positions and screw.

Battery life

Remote control	With wireless audio output		With speaker output or BH-01		
Battery life	30 h		15 h		
WS6 Headphones					
Battery life	15 h				
WSA II/WSA II XL					
Battery life	18 h				
Coil in Multi-frequency	Prg. 1, 2, 3, 4, 5, 7, 8, 9, 11, 12		Prg. 6 DEEP HC/Prg. 10 DIVING		
Battery life	12 h		8 h		
Coil in mono-frequency (P7)	4 kHz	7 to 18 kHz	25 kHz	32 kHz	45 kHz
Battery life	8 h	13 h	15 h	18 h	20 h

The remote control battery life is 30 h on the wireless headphone output, but drops to 15 h with the loud speaker or active BH-01 headphones, even with a volume level at 1. Deactivate the unused outputs by moving them to 0 to increase battery life.

Dēus II is regulated to prevent any drop in performance, even when the battery level is low

Charging time: ~3 Hours

The LiPo (lithium polymer) batteries have no memory effect, meaning that you can charge them at any time without waiting for them to go flat.

Coil LED flashing and meanings

- Coil on charge: Constant LED
- Switching on: Rapid flashes followed by three to 1 long flashes depending on battery level*.
- In operation: One flash per second
- On stand-by: one flash every four seconds
- On deep stand-by seriously discharged: one flash every thirty seconds
- Switching off: three to one long flashes depending on battery level*
- When switching on the MI-6 pinpointer: the coil LED flashes rapidly.

*  = 100%  = 60%  = 30%



To switch off the coil LED and wireless headphones during use: In OPTION > COIL pairing, select your coil of choice as opposite and press the  key for four seconds. When switched off, this mode becomes deactivated and the LED return to normal operation.

POWER SUPPLY - BATTERIES

Charge

The coil, remote control and headphone are powered by a Lithium battery (LiPo). Please use the mains unit supplied that can charge the three components simultaneously using the three-output cable.



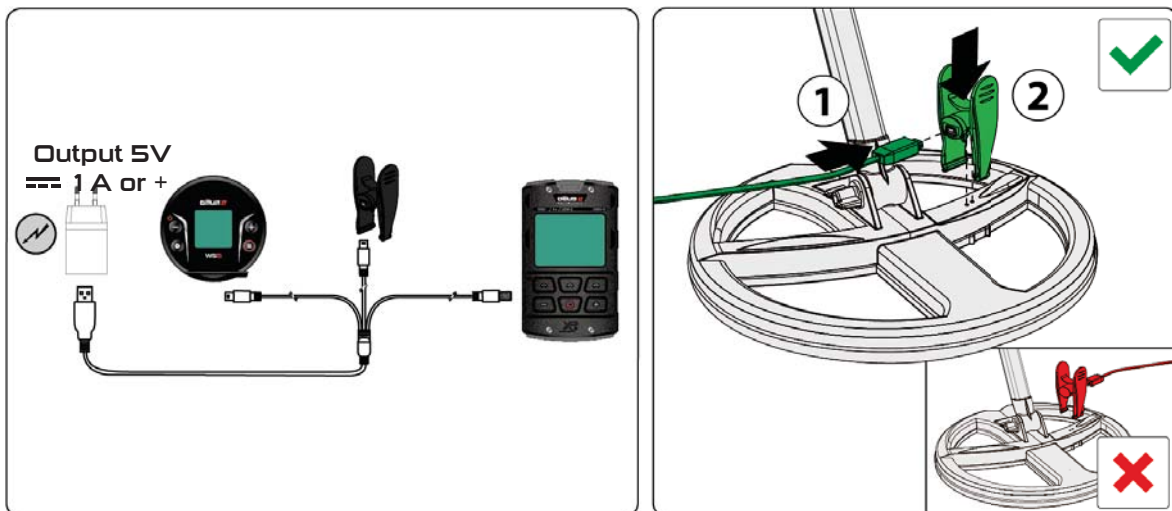
The three components (coil/remote control/headphone) can be charged by any USB mains unit 5 V/1 A minimum. Watch out for the quality of the charger and counterfeits, use a certified model from a reputable brand carrying the following certification symbols:



Under no circumstances can XPLOER (XP METAL DETECTORS) be held liable for damage or loss generated by using a defective charger or failing to comply with the certification standards in force.

- Connect the USB plug to the power supply.
- Plug the round connector into the remote control and the two USB min. B to the headphone and charging clamp.

The coil is charged using the clamp supplied. Connect it along the ribs of the coil guard to respect the correct connecting sense and avoid an inversion. The clamp output must be facing towards the center of the coil as indicated below.



Lithium Polymer (LiPo) battery lifetime

A well-maintained LiPo battery can last ten years in your XP detector !

The Lithium Polymer batteries (LiPo) are designed to withstand hundreds of charges, thereby generating significant battery savings. As a guide, a ten-year lifetime can be envisaged when they are used correctly on a weekly basis.

Battery lifetime is in your hands !

To extend the life of your batteries well beyond five years, do not store them either flat or fully charged for a long time. Keep them half charged between 40% and 80%.

If you do not use your detector for several months, check them every two months by letting them go flat and then charging them to 40-80%.

Replacing batteries

The batteries for the wireless headphones (ref battery : GMB452230 - ref XP : DO88WS-WTUBE) and the remote control (ref battery : GMB721945 - ref XP : DO88M-WTUBE) are easy to replace. Unscrew the rear/lower cap of the headphones or remote control / Remove the speaker of the Remote / Unclip the battery and change it. Then screw the cap (taking care of the O-rings and speaker).

⚠ We highly recommend that you go through an authorized XP dealer to replace any of the detectors batteries. breakages or defects (sealing, ...) caused by changing a battery or opening any part of the detector will void the XP warranty.

BATTERY REPLACEMENT (ref battery : GMB721945 - ref XP : DO88M-WTUBE) : The search coil battery is sealed for obvious reasons - safety and impermeability. It must be returned to our service department or an XP distributor for replacement.

- Remove the coil guard. Using a cutter, cut the battery cover along the inside groove, the battery cover is the one with the battery logo ⚠.
- Disconnect the out-of-service battery and remove it. Lithium batteries must be recycled appropriately or returned to your retailer.
- Connect the new battery and inject silicon from the syringe onto the battery's white connector.
- Spread the adhesive from the kit on the compartment surround, insert the battery/cover assembly and stick it down. Keep the cover in place with the clamp.
- Turn the coil over and make sure it is horizontal so that the liquid silicon can complete the seal. Leave to dry for 24 hours.
- Lastly, deburr the surplus glue and reposition the coil guard.

A video explaining how to replace the battery can be viewed on the XP Internet site. The batteries carry a two-year parts and labour warranty.

Safety precautions

Acceptable ambient temperature during charging: From 0°C to + 40°C maximum.

Recommended storage temperature: 25°C.

Batteries:

- The batteries are fitted with internal protection systems which shield them from extreme overloads and discharges. They must not be dismantled or short-circuited, which is dangerous and could destroy the protection systems, explode or cause the batteries to ignite.
- Do not leave batteries on charge unnecessarily and disconnect the power adaptor when the charge cycle is complete or after 3 hrs.
- If you notice any perforation, odour or other anomaly, please return the battery to the retailer in a sealed plastic bag and do not try to charge again (risk of destroying the protection systems, explosion or causing the batteries to ignite).
- Never dispose of lithium batteries with your household waste: return them to your XP retailer or take them to a designated collection point.
- Do not place the batteries near heat sources and never throw them onto a fire.
- Never perforate the battery cover or try to weld/solder the battery.
- Risk of explosion if battery is incorrectly replaced. Replacing the battery with another of the incorrect type can lead to a risk of explosion. Only use LiPo batteries supplied by XP (ref.: DO88M-WTUBE).
- If you notice abnormal overheating of components on charge, disconnect the mains unit immediately and do not try to charge further.

Power adaptor

- Always connect your power adaptor in an accessible, visible place to ensure that it can be unplugged quickly in the event of overheating or other problems.
- Do not charge unattended close to inflammable parts.
- The power adaptor is only designed for indoor use and should not be exposed to water or humidity.
- Do not charge the devices during a thunderstorm and unplug the power adaptor from the supply.
- XP only guarantees electrical safety with the original mains unit or a certified USB mains unit :



Xplorer cannot be held liable for any consequences arising from a failure to comply with the precautions for use.



Radio

Link	XP Link, Digital wireless	
Channels	36 automatic channels	
Radio Frequency specification	FREQUENCY	POWER
Radio link	2.40 à 2.48 GHz	<2.1 dBm
Detector	3.9 à 135.7 KHz	<72dBµA/m à 10m

Features/Settings

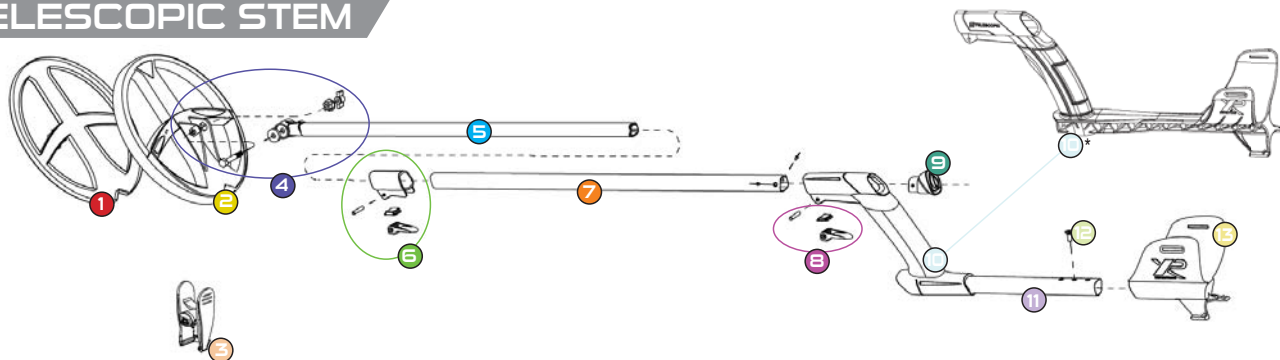
Detection frequencies	Simultaneous frequencies from 4 to 45Khz depending on programs (40dBµA/m à 10m) + 49 mono frequencies that can be selected around 7 main frequencies
Sensitivity	99 levels
Sound type	Different sound options: PWM, SQUARE, etc.
Audio Volume	10 levels for each audio output
Reactivity	10 levels (-1/0/0.5/1/1.5/2/2.5/3/4/5)
Audio Response	8 levels
Iron Volume	6 levels
Multi Tones	1, 2, 3, 4, 5, Pitch and Full Tones 1 and 2 + EXPERT modes
Ground balance	Tracking, Grab, Manual
Multi-Notch	Yes, with adjustable window width
Non-motion mode - Pinpoint	Yes, with and without Autotune - Audio and visual
Discrimination	Audio and visual/ferrous bottle cap rejection on 5 levels/Silencer
Threshold	Threshold and Audio frequency adjustable
Equalizer	4 Bands configurable on each audio output
Programs	12 factory programs + 12 users
Backlight	11 levels adjustable, very low power consumption

General Features

Display screen	8192 pixels
Software updates	Yes, by USB/Internet connection
Wireless Headphones optional	WS6 (rainproof) - WSAII (rainproof) - WSAII XL (IP 68-1m)
Wireless coil optional	DD 22.5cm-9"/28 cm-11"/34x28cm-13"x11" (fully waterproof 20m - 66 ft)
Coil cover	Yes
Hip mount remote control case	Yes
Headphones storage case	Yes
Stem	Fully telescopic, S-shaped
Batteries	Remote/Coil: 700 mAh - Headphones: 320 mAh
Battery level indicator	Yes: Remote/Headphones/Coil/MI-6
Wireless Remote Control battery life	~ 15 to 30H depending on audio output activated
Wireless Headphone battery life	~ 15H WSAII/WS6
Wireless Coil battery life	8H to 20H depending on programs and frequencies
Power charger	Depending on version, Input 100-220V 50/60Hz, Output 5V- 1A max.
Cigarette lighter charger	Optional
Bone conduction headphones	Waterproof IP68 - 20m - 66 ft (optional)
Charging time	~3 h
Total detector weight with batteries	See product page for details on each version
Stem weight	370 g (S-Telescopic) - 305 g (S-Telescopic lite)
Remote weight with battery	150 g
Headphone weight with battery	WS6: 82 g - WSA II: 72 g - WSA II XL: 250 g
Coil weight	22.5cm- 9": 345 g - 28 cm-11": 470 g - 34x28cm-13"x11": 570 g
Length of folded stem	58 cm
Length of extended stem	130 cm
Operating T°	0 to + 40°C
Max ambient T° during charging	0 to + 40°C
Recommended storage T°	25°C
Waterproof coil	IP 68 - 20m - 66 ft, *optional antenna required when the coil is submerged
Guarantee	Five years parts and labor. Batteries, chargers and connectors have a two-year warranty.
Patents	US 7940049 B2 - EP 1990658 B1 and patents pending



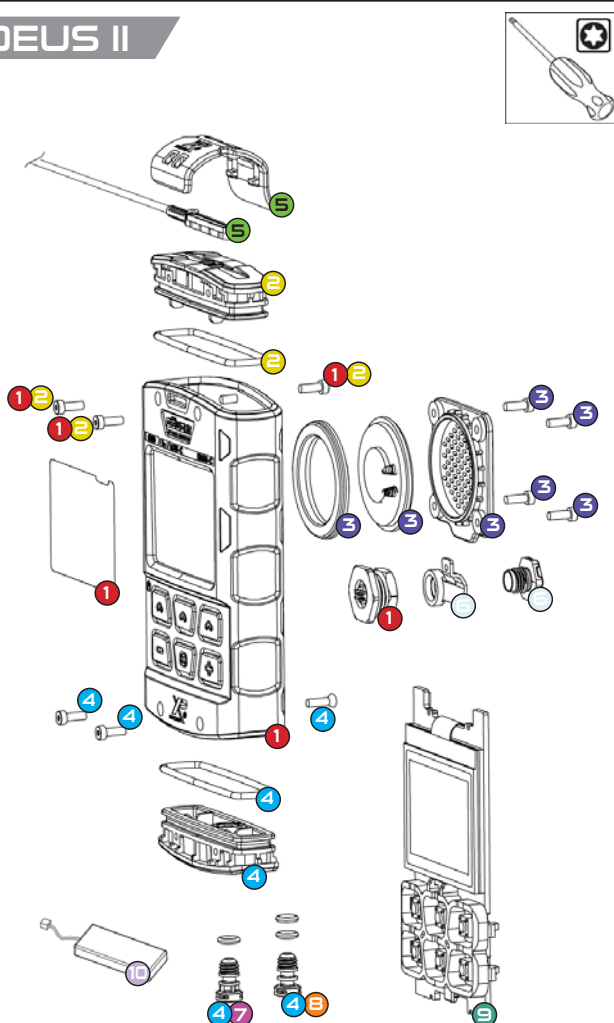
TELESCOPIC STEM



- | | | | |
|--------------|--------------|------------------|--------|
| 1 COIL GUARD | 5 LOWER STEM | 8 D05B-A | 12 D07 |
| 2 COIL | 6 D041 | 9 D06/DO6BLACK * | |
| 3 D0894 | 7 D04 | 10 D042 | |
| 4 D038D | 11 D061 | 11 D072 | |

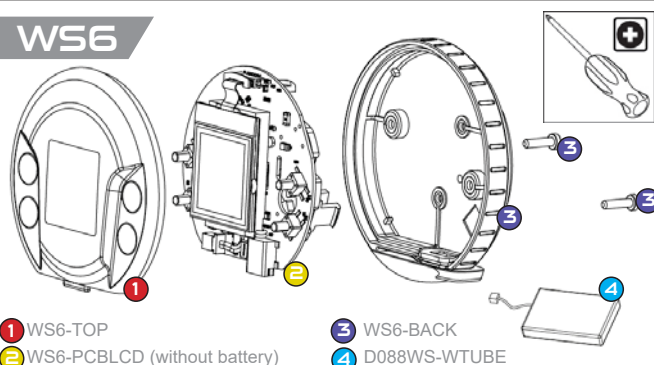


DEUS II



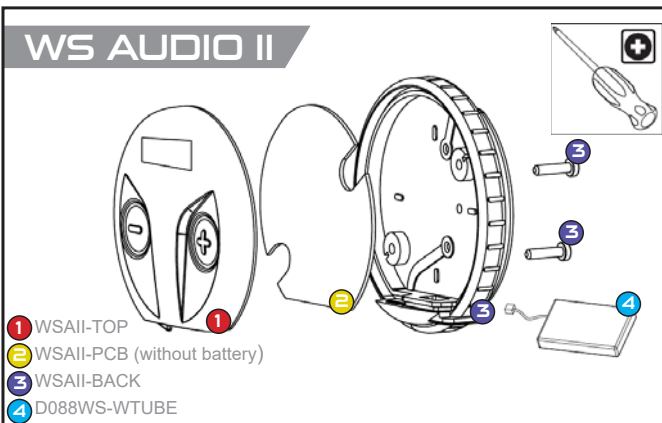
- | | |
|------------------|----------------------------------|
| 1 D2-RC1-MAIN | 2 D2-RC1-PLUG |
| 2 D2-RC1-TOP | 3 D2-RC1-GREY1M |
| 3 D2-RC1-SPEAKER | 4 D2-RC1-RED20M |
| 4 D2-RC1-BOTTOM | 5 D2-RC1-PCBLCD(without battery) |
| 5 D2-RC1-WAVE | 6 D088M-WTUBE |

WS6



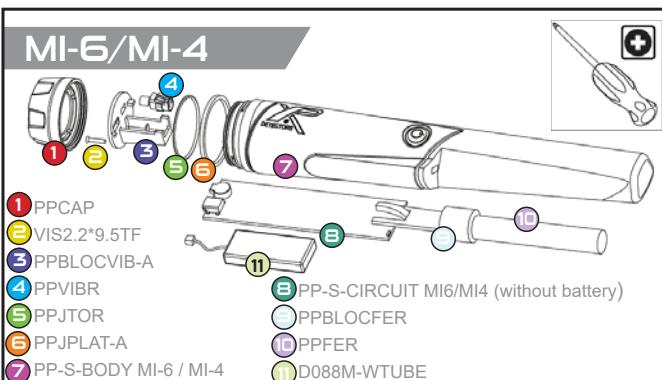
- | | |
|--------------------------------|----------------|
| 1 WS6-TOP | 3 WS6-BACK |
| 2 WS6-PCBLCD (without battery) | 4 D088WS-WTUBE |

WS AUDIO II



- | | |
|-------------------------------|----------------|
| 1 WSAII-TOP | 3 WSAII-BACK |
| 2 WSAII-PCB (without battery) | 4 D088WS-WTUBE |

MI-6/MI-4



- | | | | | | | |
|--|----------------|---------------|----------------|----------|-------------|-------------------------|
| 1 PPCAP | 2 VIS2.2*9.5TF | 3 PPBLOCVIB-A | 4 PPVIBR | 5 PPJTOR | 6 PPJPLAT-A | 7 PP-S-BODY MI-6 / MI-4 |
| 8 PP-S-CIRCUIT MI6/MI4 (without battery) | 9 PPBLOCFER | 10 PPFER | 11 D088M-WTUBE | | | |

Detecting is an activity that, like most leisure activities, requires a few general guidelines. These recommendations will allow everyone to enjoy their passion to the full while respecting laws, locations, environment and people.

Respect the law!

- Find out about existing metal detecting legislation in your country.
- Ask permission from the owner or custodian of the premises before prospecting.
- Respect the natural environment in which you are prospecting and the locations you will find yourself crossing.
- Fill your holes systematically so as to leave the locations in the state in which you found them.
- Keep any waste you have been able to extract with you and dispose of it in a bin.
- Avoid prospecting in combat zones of recent wars. Be extremely cautious of any suspicious object that may look like ammunition, grenade, mine, shell or bomb etc.
- Report any suspicious object that you have discovered to the competent authorities.

Remember that you are a detecting ambassador, it is important that you represent us in the correct way.

DECLARATION OF COMPLIANCE EU - FCC - IC - UKCA

This declaration is made under the responsibility of the manufacturer :

XPLORER SARL - 8 rue du Développement - F-31320 CASTANET-TOLOSAN

We, XPLORER, hereby certify that this detector complies with the essential requirements of European Directives RED 2014/53/EU, SECURITY 2014/35/EU and EMC 2014/30/EU which aim to harmonize legislation in Member States on the use of the radio spectrum, electromagnetic compatibility and electrical safety. The device's compliance was assessed in accordance with the essential requirements of this Directive and the harmonized standards:

- EMF: EN 62311 :2008
- DETECTION EU: ETSI EN 303454 V1.1.1
- RADIO EU: EN 300440 v2.1.1 ; ETSI EG 203367 V1.1.1
- RADIO USA: FCC 47 CFR part 15: 2019
- RADIO CANADA: RSS-210_Issue 9: 08/2016 (Amended 2017)
- SAFETY: IEC 60950-1: 12/2005/AC1: 2006/A1: 2009/A2: 2013; IEC 62368-1: 2014
- EMC: ETSI EN 301489-1:2019 V2.2.3; ETSI EN 301489-9: 2019 V2.1.1; Draft ETSI EN 301489-17: 2019 V3.2.2

Compliance informations access on the Remote control : START > OPTION > CONFIGURATION > INFO.

A copy of the certificate can be supplied upon request from:

XPLORER SARL - 8 rue du Développement - F-31320 CASTANET-TOLOSAN

FCC: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment

IC : This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.



SAFETY/RECYCLING/PRECAUTIONS

Safety relating to electromagnetic radio waves

This product complies with standards for user safety with regard to electromagnetic waves. The strength of the radio signals used is considerably weaker and on a much smaller scale than those emitted by mobile telephones (2,000 to 4,000 times weaker). Moreover, when the complete system is used, the audio headphones only act as a passive radio receiver.

Warning: The accessories delivered with this detector can vary; similarly, the menus and certain functionalities described in this manual can differ slightly from the purchased product.

This detector is not suitable for searching for hazardous targets such as ammunition, mines, etc.

Recycling of electrical and electronic waste in the European Union and the other countries/regions in accordance with selective waste sorting procedures



If this symbol is displayed on the product or its packaging, it means that the product must not be disposed of with your household waste. It must be taken to a designated collection point for recycling electrical and electronic waste. This selective waste sorting and recycling helps to preserve natural resources and avoid any potential risks for human health and the environment that could result from inappropriate scrapping, due to the possible presence of hazardous substances in the electric and electronic equipment. For more information on places for disposing

of electrical waste, please contact the shop where you purchased this product. Alternatively you can return it to your supplier, or directly to XP. The same is true for the lithium batteries which must be recycled appropriately.

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PRECAUTIONS FOR USE

DÊUS II is a sensitive piece of electrical equipment, designed to be as robust as possible. Despite this, it is important to take care of it and exercise certain precautions in order to prolong its life :

- Do not store your device for long periods with flat batteries.
- Ideally you should discharge/recharge the batteries at least once a month and if possible store them at 40% to 80% charged to extend their lifetime beyond five years.
- Do not expose your detector to extreme temperatures, particularly inside a car in full sun.
- Do not expose your detector to the sun without reason when it is not being used.
- Use the storage case that is supplied with the headphones and never carry them at the bottom of a bag without protection.
- Use the case that is supplied with the remote control to protect it in adverse conditions and when the detector is stored away.
- Depending on how you use your detector, it may be advisable to clean its elements regularly. A damp cloth can be used to clean the non-waterproof parts
- In a salt environment, rinsing with fresh water is mandatory for the remote control, coil and BH-01 headphone. Do not use solvent or alcohol.
- After use, remove any dirt from the stem's locking mechanisms.
- The mains power unit is intended for inside use only. Connect it in a visible and accessible location. Unplug it after use, if overheating or during another suspicious event.
- The equipment must be recharged using a SELV LPS power supply.

