

& Bluetooth

MINELAB







RADIO FREQUENCY SPECIFICATION

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The full fext of the EU declaration of conformity is available at the following internet address:

Hereby, Minelab Electronics Pry Ltd declares that the radio equipment type EQUINOX 600/800 is in compliance with Directiv 2014/53/EU.

EU DECLARATION OF CONFORMITY

that to which the receiver is connected - Consult the desident or one seperations of activities of the Warning. They changes or modifications not expressly approved by Mindelab Electronics could void the user's authority to operate the consonies of the country of the c

Reorient or relocate the receiving antenna
 Increase the separation between the equipment and receiver
 Connect the equipment into an outlet on a circuit different from

This equipment generates, uses and can adiatable to allo frequency energy and, if not installed and used in accondance with the instructions, may cause hamful interference to radio mommunications. However, there is no guarantee that interference will not occur in a particular installation aff this equipment does will not occur in a particular installation. Aff this will not occur in a particular installation with a cause hamful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is can be determined by turning the equipment of the momonaged to the correct fine interference momonaged to the correct fine interference and the correct of the correct of the momonaged to the correct of momonaged to the correct of momonaged to the correct of momonaged to the momonaged to the momonaged to momonaged to the momonaged to momonaged to

This equipment has been tested and found to comply which the fill of sor a CLG Rolles. These of or a CLG Rolles. These ill miles or close or the provide crosson should be for the most provide or close or close

OLE: CIGSS B DEVICES

is subject to the following two conditions. (1) this device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.

Information to the User (FCC Part 15.105)

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. Operation

COMPLIANCE

Please refer to **www.minelab.com/warranty-conditions** for full warranty terms and conditions. Register your product warranty online at **register minelab.com**

WARRANTY TERMS



For complete product specification and operational guidance, read the full-length Instruction Manual at www.minelab.com

lio) brabnat	EQX 11 Double-D smart coil				
Battery Life (approx.)	12 hours, Full recharge time ≈ 4 hours				
YoorgrapheW	ToorqrateW	Waterproof to 3 m (10')			
9 NW 08 Compatible	Yes, WM 80 mclincluded	bebuloni 80 MW ,zeY			
senodqbeeH brebnet2	(smdo SE) ("%) mm 2.E	3.5 mm (%") / Bluetooth® / aptX™ Low Latency			
Operating Frequencies (kHz)	iJluM ,S1 ,01 ,8 ,4	4, 5, 10, 15, 20, 40, Multi			
C2POW 22222	eshhord nsearch profiles	səlforq hrsearch profiles			
Detect Modes	Park, Field, Beach	Park, Field, Beach, Gold			
sucarana de	Ебпінох еоо	ЕФПИОХ 800			

Assembly | Follow the steps to put together your EQUINOX Series detector

EON NOX

1. Attach coil to lower shaft

1. Insert the two rubber washers into the holes on either side of the yoke.

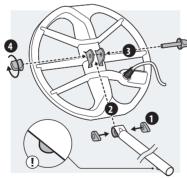
Getting Started Guide

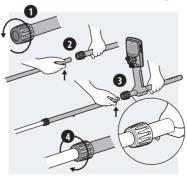
008 009

- **2.** Slide the yoke into the yoke bracket on top of the coil.
- (!) Ensure that the spring loaded pin in the lower shaft is underneath.
- 3. Insert the plastic bolt through the yoke and the yoke bracket.
- Fasten with the plastic bolt Do not overtighten.

2. Assemble shafts

- Loosen the twistlocks by rotating them counter-clockwise.
- Press the spring loaded pin in the lower shaft and slide it into the middle shaft until the pin reaches the adjustment holes. The pin will click into place.
- Attach the middle shaft to the upper shaft in the same way.
- **4.** Lock the position of the shafts by rotating twistlocks clockwise.



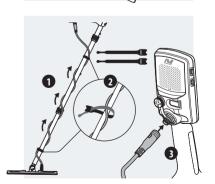


3. Attach armrest/stand

- Place the armrest onto the top of the upper shaft. Position the armrest just below your elbow, then line up the central hole in the armrest with the nearest hole in the shaft.
- **2.** Insert the screw through the stand, upper shaft and armrest. Tighten the screw carefully.
- 3. With the velcro side facing upwards, thread the armrest strap through both slots in the armrest. Ensure the end of the strap will be fastened outwards from your arm.

4. Connect coil

- Wrap the coil cable around the lower and middle shaft enough times to take up the slack.
- **2.** Use the velcro tabs provided to secure the coil cable against the shaft.
- Align the coil connector and plug into the socket in the back of the control box, lightly tightening the retaining ring.



Audio

EQUINOX Series detectors have an in-built loudspeaker for detecting without headphones.

A range of other audio options are available. Please refer to the full instruction manual for further information, including wireless options.

Charge battery

EQUINOX Series detectors have an internal Li-lon rechargeable battery. Before first use, it is recommended that you fully charge the battery. For fastest charge time, turn the detector off during charging.

- 1. Connect the magnetic charging cable USB connector to any standard powered USB port.
- Connect the magnetic charger connector to the socket on the rear of the detector user interface. The Charge Status LED at the top left of the control panel will flash steadily.
- 3. When charging is complete, the Charge Status LED will remain on.



1. Turn on

Press the Power button on the side of the control panel.



2. Select a Detect Mode

Select the optimum Detect Mode Search Profile for your detecting location. (EQUINOX 800 shown).



3. Noise Cancel

Select Noise Cancel from the Settings Menu, then press 🐼 to initiate an Auto Noise Cancel.

This will take approximately 8 seconds to complete.



4. Begin detecting!

Press 🏽 to return to the detect screen, and begin detecting!



Each Detect Mode has two adjustable Search Profiles with unique default settings. **Detect Modes**

Park		X.	Field		Beach		Gold*
-	n recreational areas, eneral detecting.		g in historical fields nge of target sizes.		salty conditions — d, surf, underwater.	Best suited for gold in mineralised go	33 3
1_1	ا عا	<u> </u>	l_2J	<u> </u>	ا عا	<u> </u>	<u> 2</u> J
General / Coins	Fine Jewellery	Coins / Artefacts	Fine Coins / Artefacts	Wet / Dry Sand	Underwater / Surf	Normal Ground	Difficult Ground

Adjust and view your detector settings. **Control Panel**

* This asterisk appears throughout the guide, indicating features only available on the EQUINOX 800 model.

A short press of the Power button turns the detector on and off A long press (5 seconds) restores the whole detector to factory settings.

· Backlight

Detect Mode

Selects the backlight brightness* or turns the backlight on and off.

The backlight icon will appear when the backlight is on.

Sensitivity Indicator

Indicates approximate sensitivity level (25 levels)

Press and + from the detect screen to adjust sensitivity.

Battery Status

during charging. You can go detecting as usual when connected to a USB power bank just like a spare battery.

Flashing: Charging

70% -100% 30% - 70%

→ <30% ∵ <5%

Charge the battery when the battery icon begins to flash.

LED indicates charge status





for the active Search Profile.

Detector Settings Menu

A short press of the Settings button accesses and scrolls through the Detector Settings menu.

A long press when in the Settings Menu accesses Advanced Settings if available.

Press — and + with a setting selected to adjust its value

Selects Detect Modes: Park, Field, Beach, and Gold* Each Detect Mode has 2 customisable Search Profiles. A short press of the Detect Mode button scrolls through the Detect Modes.

Press and hold for 5 seconds to restore factory preset



Detect Mode

Search Profiles

Advanced Setting

	Setting		Advanced Setting
₩	Noise Cancel Auto Manual*		
-	Ground Balance Auto Manual		
(1)	Volume Adjust 0 to 25	4 0)	Tone Volume Ferrous Non-ferrous*
4	Threshold Level 0 to 25	◄ ■	Threshold Pitch* 0 to 25
4 1	Target Tone 1, 2, 5, and 50	▲ 1	Tone Pitch Ferrous Non-ferrous*
1/×	Accept/Reject 50 Segment resolution	<u> </u>	Tone Break Ferrous Non-ferrous*
<u>-1-</u>	Recovery Speed 1 to 3 1 to 8*	<u>+1-</u>	Iron Bias 0 to 3 0 to 9*

All-Metal



Press the All-Metal button to turn the selected discrimination pattern on and off for target confirmation.











Pinpoint

Assists in locating the exact position of a target prior to recovery.



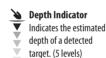
Press the Pinpoint/Detect button to enable pinpoint mode. Press again to return to the Detect Screen.

Wireless Audio

A short press of the Wireless button turns Wireless on and off. A long press pairs wireless audio devices.

0 * $\Omega *+$ 03 Any Bluetooth® aptX™ Low Latency WM 08 Wireless headphones headphones Audio Module





₩ Tracking

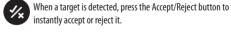
Indicates that Tracking ground balance is active.

A long press of the User Profile button saves the current detector

A short press turns the saved User Profile on or off.

Notch Discrimination

High resolution 50 segment (-9 to 40) discrimination scale for accurate, stable target identification.



You can also create discrimination patterns via the Settings Menu.

Press — or + to navigate to a segment, then press the Accept/ Reject button to accept or reject it.

Target IDs -9 to 0 indicate ferrous targets, e.g. -5.

Target IDs 1 to 40 indicate non-ferrous targets, e.g. 32.

Frequency

Displays the current operating Frequency.



Press the Frequency button any time to scroll through the available operating frequencies for the active Search Profile.



Displays the current selected single frequency in kHz: 4, 5, 10, 15, 20*, or 40*.



Displays a rectangle when operating in Simultaneous Multi-Frequency.