



**NATIONAL
GEOGRAPHIC™**

METAL DETECTOR INSTRUCTION GUIDE



SET UP

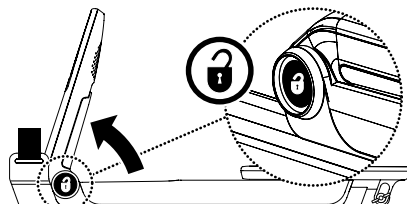
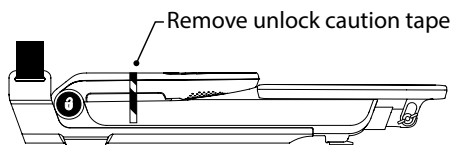


STEP 1.

Your NATIONAL GEOGRAPHIC detector requires no assembly or tools. Simply remove the detector from the box.

STEP 2.

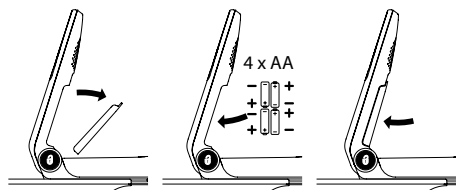
Press down the red UNLOCK button on both sides to release the handle.



⚠ Failure to press the unlock button when releasing handle will cause damage.

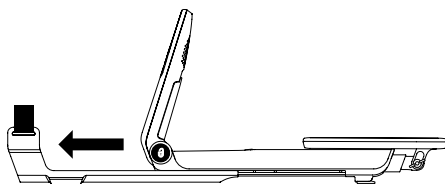
STEP 3.

Insert 4 x 1.5V AA (LR6) batteries (not included).



STEP 4.

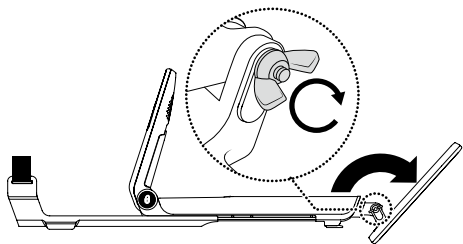
Slide out the armrest to desired length (typically just under your elbow).



STEP 5.

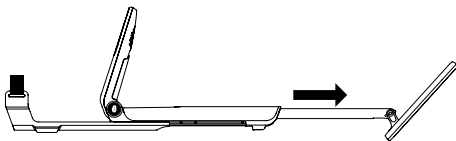
Fold out the search coil to detect parallel with the ground (refer to Detecting Basics).

Tighten the wing nut to fix the coil position. Be careful not to over tighten.



STEP 6.

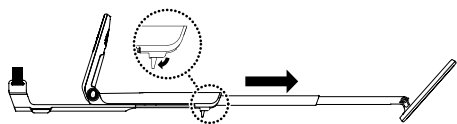
Fully extend the lower shaft and CLICK into place (or leave collapsed for shorter detector length). Refer to 'Detecting Basics' for adjusting to correct length.



! To retract shaft, firmly tap on the base of the coil.

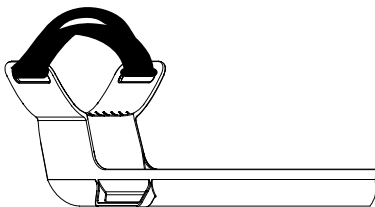
STEP 7.

Release the camlock lever to adjust the upper shaft to desired length, for your height.

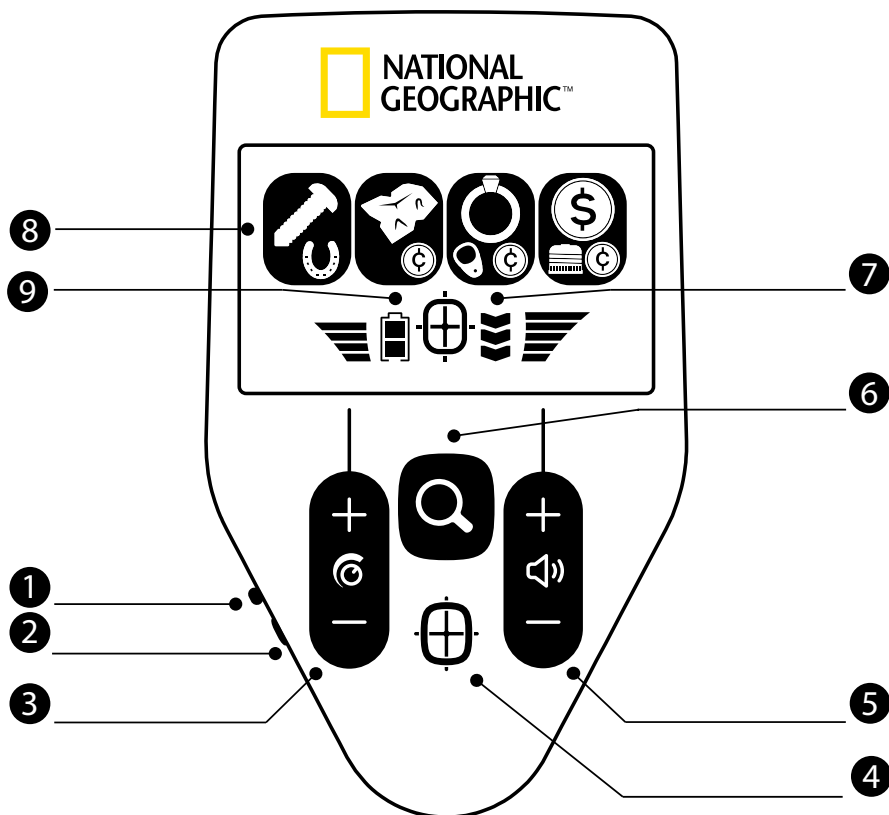


STEP 8.

Adjust the armrest strap to securely fit around your arm.



CONTROL PANEL



1) POWER SWITCH (ON/OFF)

2) EAR BUDS OUTPUT

3) SENSITIVITY

Increase for more detecting depth. You may need to decrease this if there is high noise interference or false signals.

4) PINPOINT

Determine the exact location of a target.

5) VOLUME

6) FIND MODE

Detect and reject metal objects.

7) DEPTH INDICATION

Shallow | Medium | Deep

8) FIND ICONS (x 4)

9) BATTERY LEVEL

AUDIO OUTPUT

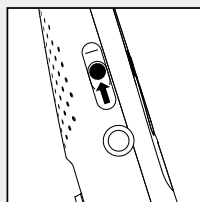
1/8" connector with speaker at rear.

DETECTING BASICS

QUICK START GUIDE

STEP 1. POWER ON

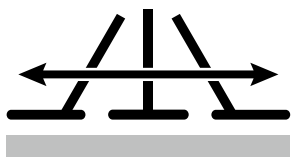
Switch your detector on.
The LCD will light up with several icons.



ON switch

STEP 2. BEGIN DETECTING

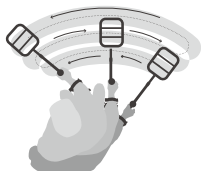
Sweep the coil over the ground in a side-to-side motion.
The detector will light up and beep when a metal object is found.



SWEEP LEVEL Keep the coil 1–2 inches (2–3 cm) above and parallel to the ground at all times.



SPEED Sweep the coil over the ground in a side-to-side motion, an average sweep speed is 1–2 seconds from left to right.



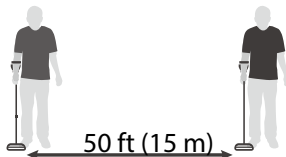
OVERLAP SWEEP Slightly overlap the previous sweep to ensure full ground coverage.



ITEM FOUND The detector will beep when a target is discovered.



ADJUSTMENT The detector should be straight with your forearm and feel light and comfortable when you pick it up.



SPACE Recommended distance is 50 feet (15 m) apart when multiple users are scanning an area.

SEARCHING MODES

ICON DESCRIPTIONS

When a metal object is detected, the corresponding icon will flash on the control panel to indicate the target type. If the icon is turned off (not visible) then these object types will not be detected.



E.g. Iron objects, nails and horseshoes.



E.g. Rings, pull tabs and lower value coins.



E.g. Aluminum foil and lower value coins.



E.g. Low and high value coins and screw caps.

FIND MODES

Cycle through the different modes using the Find button.



FIND modes allow you to search for specific groups of metal objects by accepting or rejecting detection. No need to dig the trash – just the treasure!

Select from 3 find modes:

1)



Beeps at all metal

2)



Ignores iron objects

3)



Ignores iron and aluminum objects

DETECTOR SOUNDS

The detector beeps at different tones depending on which object is found.

3 different audio tones:



HIGH

MID

LOW

HIGH TONE: Silver and copper targets produce the highest tone.

MID TONE: Metals produce a medium tone.

LOW TONE: Iron targets (such as nails) produce the lowest tone.

SAFETY INFORMATION

BATTERY SAFETY INFORMATION

- Battery installation and removal should be performed by an adult.
- Use only batteries recommended in this instruction guide.
- Be careful to install the batteries with the correct polarity as indicated.
- Do not mix old and new batteries.
- Remove all batteries when replacing.
- Do not mix alkaline, standard, rechargeable, or different types of batteries.
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the detector before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Only batteries of the same or equivalent type as recommended are to be used.
- The supply terminals are not to be short-circuited.
- Remove exhausted batteries.
- CAUTION: Do not dispose of battery in fire. Battery may explode or leak.

OTHER SAFETY INFORMATION

- **WARNING:** This device contains moving parts. Use caution when adjusting components. **DO NOT** lean on detector when in use as it is not designed to support your weight.
- **WARNING:** Any changes or modifications not expressly approved by Minelab Electronics could void the user's authority to operate this equipment.
- The coil is waterproof, but the entire device is not intended for underwater use. Please **DO NOT** submerge.



WARRANTY TERMS

This product has a 2 year limited warranty from the time of purchase. Please keep receipt as proof of purchase date. For warranty or customer service questions please contact us at custserv@discoverwithdrcool.com or call us at 1(855) 437-2665

CODE OF ETHICS

1. Respect the rights and property of others.
2. Observe all laws, whether national, state or local.
3. Never destroy historical or archaeological treasures.
4. Leave the land and vegetation as it was.
5. Always obtain permission before searching sites.
6. Always fill in your holes after digging.

COMPLIANCE

Information to the User (FCC Part 15.105)

NOTE: Class B Devices

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur

in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- 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 that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help



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