VANQUISH® 360

INSTRUCTION MANUAL

POWERED BY Multi-IQ
Simultaneous Multi-Frequency Technology

MINELAB

Contents

Getting Started

⚠ CAUTION

Before assembling, charging, or using your detector for the first time, read the warnings and safety information listed in the following sections:

- "Charger Information and Safety" (page 18)
- "General Care and Safety" (page 24)

Quick Start

Before first use, it is recommended that you fully charge the battery (page 18).

1 TURN ON

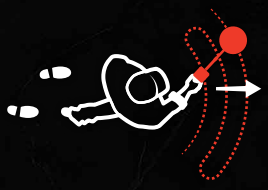
2 WAIT FOR 5 SECONDS

Wait for Auto Noise Cancel to complete.

3 SELECT SEARCH MODE

See "Search Modes" on page 5 for more information on how to choose the most suitable Search Mode.

4 GO DETECTING



If there is excessive ground noise after completing the Quick Start steps, try reducing the Sensitivity level a little (page 9).

Search Modes

VANQUISH Search Modes each have unique discrimination patterns, so choosing the right Search Mode will help you find more of what you're looking for.

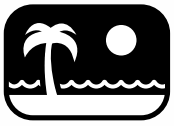
PARK

All-round mode for hunting at sites with coins and jewellery among modern trash like bottle caps and foil.

Park Mode is designed for searching in urban parks or other recently inhabited sites where there may be coins and jewellery. There is often also lots of metallic litter including aluminium foil, pull tabs and bottle caps.

Park Mode is a good starting point for other general uses such as freshwater detecting.

Park Mode has a lower recovery speed to provide great depth, accurate target identification and good discrimination in trash-infested areas typical of recreational parks. If in doubt in a new area or when first detecting, try Park Mode first.



BEACH

Saltwater Beach hunting for coins and jewellery on dry sand, wet sand, and in the water.

Beach Mode is for saltwater beaches including dry sand, wet sand, surf and underwater conditions.

VANQUISH 360's automatic ground tracking feature means that it will successfully manage the salty beach conditions, allowing desirable low conductive targets such as gold chains to be readily be detected with minimal interference from the salt water.

ALL METAL

All Metal Mode detects every target containing metal, including iron, so nothing is missed.

Detecting in All-Metal Mode guarantees you will not miss any targets, however you will also detect more trash.

The discrimination pattern for this mode accepts all ferrous (iron) and nonferrous targets. The tones are adjusted to classify as trash common nonferrous targets such as foil.

This Mode can be used to check a target detected in Park or Beach Modes to see if it contains iron (page 13).

Controls

1. **VOLUME ADJUST**
   Press to cycle through Volume settings from low-to-high (page 10).

2. **SENSITIVITY/POWER**
   Press from Off to turn the detector On.

   Long-press from On to turn the detector Off.

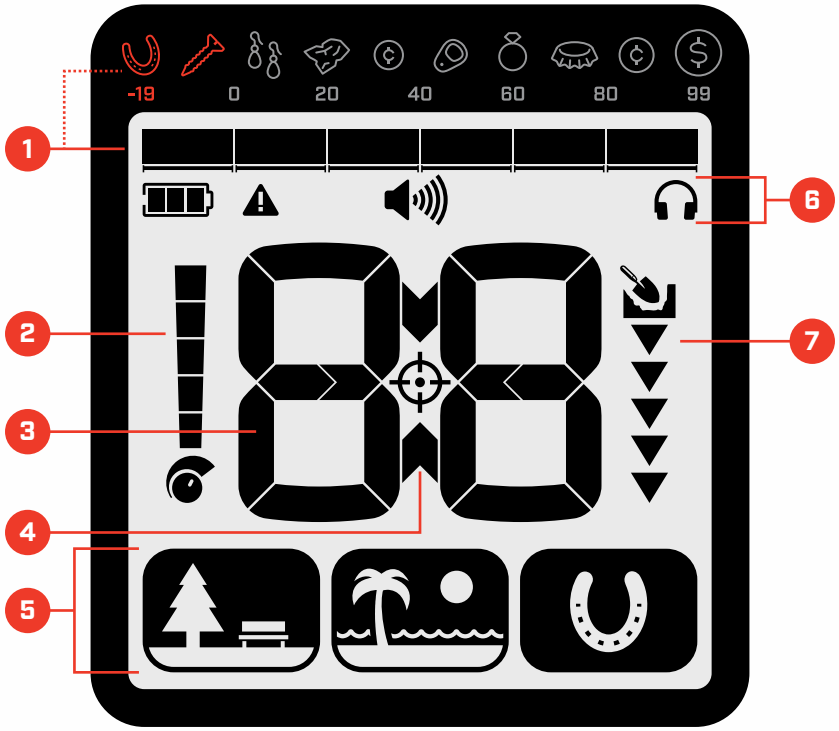
   Press to cycle through Sensitivity settings from low-to-high (page 9).

3. **SEARCH MODE**
   Selects the next Search Mode (page 5).

4. **PINPOINT**
   Press-and-hold to enable Pinpoint to locate the exact position of a target prior to recovery (page 14).

5. **CHARGE STATUS LED**
   Shows the charge status of the detector battery (page 18).

Display



1. DISCRIMINATION SCALE & TARGET GUIDE

The Discrimination Scale is made up of 6 individual segments that correspond to the 119 Target IDs. Each Segment represents 20 Target IDs (page 12).

The Scale shows a visualisation of target signal strength when in Pinpoint Mode (page 14).

The Target Guide above the display indicates the types of targets that can be found for the corresponding Target ID segment.

2. SENSITIVITY LEVEL

Displays the Sensitivity level (page 9).

3. TARGET IDENTIFICATION NUMBER

A numerical value (from –19 to 99) is assigned to each detected target based on its conductive or ferrous properties. This allows objects to be identified before digging. For example, a US quarter will typically have a Target ID Number of 89 (page 12).

Negative numbers are ferrous, and positive numbers are non-ferrous ranging from fine gold (low ID's) to large silver (high ID's).

4. PINPOINT

Indicates that Pinpoint is active (page 14).

5. SEARCH MODES

Displays the Search Mode: Park, Beach or All Metal (page 5).

6. STATUS BAR

Battery Level/Charging
Indicates the current battery level (page 18).

Warning Indicator
Is displayed when the coil is disconnected (page 21), and in Beach Mode to indicate that Beach Overload is active.

Volume
Displays the detector audio volume level (page 10).

Headphones
Indicates that wired headphones are connected (page 17).

7. DEPTH GAUGE

Shows the estimated depth of a detected target.

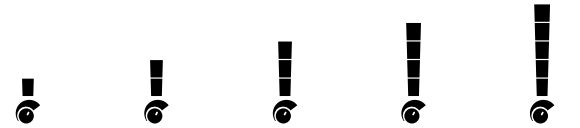
Settings & Detection

Sensitivity

The VANQUISH detector is highly sensitive and has adjustable Sensitivity. Setting the correct Sensitivity level for individual detecting conditions will maximise detection depth.

Always choose the highest stable Sensitivity setting to get the best performance from your detector.

The Sensitivity Indicator on the LCD shows the current Sensitivity level.



ADJUST THE SENSITIVITY LEVEL

The Sensitivity Level is shown on the Target ID Display while it is being adjusted, and will disappear after 3 seconds of inactivity.

1. Holding the coil stationary, use the Sensitivity/Power button to increase the Sensitivity level until false signals begin to occur.

2. Reduce the Sensitivity Level just enough that the false signals disappear, by pressing the Sensitivity/Power button (if Level 2, 3, or 4 is selected, press four times to reduce the sensitivity by one level).
3. Sweep the coil over a clear patch of ground, and decrease the Sensitivity Level further if there is still some ground noise.

EXCESSIVE NOISE

Sometimes, excessive noise is encountered whilst detecting. This can be caused by environmental electromagnetic interference (EMI) from sources such as power lines, mobile phone towers, or other metal detectors.

If noise is a problem, try the following steps in order until the noise is eliminated.

1. Move away from local sources of Electromagnetic Interference (EMI).
2. Restart the detector, and wait for the automatic Noise Cancel process to complete.
3. If restarting the detector does not eliminate the excessive noise, then try reducing the Sensitivity Level.

Automatic Noise Cancel

VANQUISH Series detectors have an automatic Noise Cancel process that occurs every time the detector is powered on. It calibrates the detector so that excessive noise is not experienced.

For best results, the coil should be held stationary just above the ground until Automatic Noise Cancel is complete (indicated by two large dashes displayed on the Target ID Number field).

Volume Adjust

Volume Adjust changes the loudness of all detector audio, including detection signals, the threshold tone, and confirmation tones.

Volume Adjust changes are global, and range from 1 to 5 with a default setting of 4.

ADJUST THE VOLUME

1. Press the Volume button to cycle through the volume settings from low-to-high. Set the volume to a comfortable level, making sure that loud signals (close or large targets) do not hurt your ears.

The Volume Level is displayed in the Status Bar.

WARNING: When adjusting volume, you must cycle through louder levels before reaching a lower volume. To avoid discomfort or hearing damage, remove headphones while adjusting the volume.

Depth Gauge

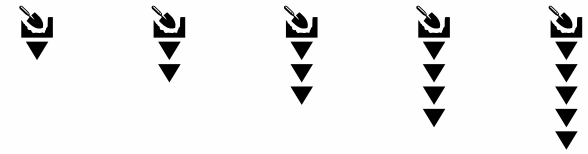
The Depth Gauge indicates the approximate depth of a detected target.

The Depth Gauge is a guide only. Fewer arrows indicate a shallower target, more arrows indicate a deeper target. The accuracy can vary depending on the target type and ground conditions.

After a target is detected, the Depth Gauge will remain on the LCD for 5 seconds, or until the next target is detected.

When there is no detection, the Depth Gauge icon and arrows are turned Off.

Here is an example of the Depth Gauge reading and the approximate target depth for a US quarter.



The Depth Gauge accuracy is reduced in highly mineralised soil.

Target Identification, Pinpointing & Recovery

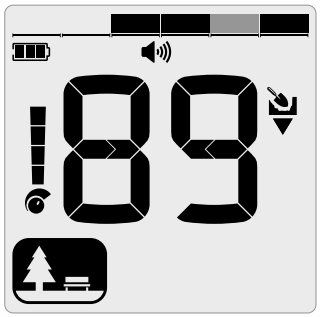
Target Identification

TARGET IDENTIFICATION NUMBER

Target Identification (Target ID) numbers range from –19 to 99 with ferrous (iron) targets ranging from –19 to 0.

When a target is detected, it is represented as a number that appears on the Target Identification Number field on the display. This indicates the target's ferrous or non-ferrous properties for quick and easy identification.

For example, a US quarter has a Target ID of 89. This means that each time a Target with an ID of 89 is detected, there is a good chance that it will be a US quarter.

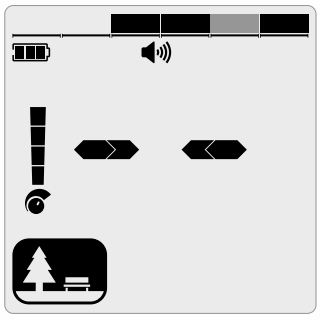


A Target ID Number appears when a target is detected. This example shows the detection of a shallow US quarter. The corresponding Target ID Segment flashes upon detection (flashing segment shown in grey).

The last-detected Target ID remains on the display for five seconds or until another target is detected.

Note: Some non-ferrous targets display a negative ID if there is an adjacent ferrous target.

If there is no detection or the detector passes over a target that it rejects, the display shows two large dashes.



Two large dashes on the Target Identification Number field when there is no detection.

DISCRIMINATION SCALE

The Discrimination Scale corresponds to the 119 Target IDs, with each segment representing 20 Target IDs. Accepted (detected) targets are shown as visible segments, and will flash when a target with that ID is detected. Rejected (non-detected or 'blanked') targets are turned Off.

The combinations of accepted and rejected segments are called Discrimination Patterns.

VANQUISH 360 has 3 discrimination patterns (one for each Search Mode).

The Park Mode Discrimination Pattern showing Accepted segments (✓) and Rejected segments (✕).

The Beach Mode Discrimination Pattern showing Accepted segments (✓) and Rejected segments (✕).

Target Identification *(Continued)*

ALL METAL

In All-Metal Mode, all Discrimination Segments are on so that all metal targets will be detected, including iron.

The All Metal Mode Discrimination Pattern; all segments are Accepted.

Detecting in All-Metal Mode is a strategy that guarantees you will not miss any targets, however you will also detect more trash that contains iron.

Enable All-Metal

Press the Search Mode button until All-Metal is selected.

All of the Discrimination Segments will turn on and all metal objects will be detected.

Using All Metal to Check a Target

All Metal mode can be used to check a non-ferrous detection to see if it also contains ferrous material.

If the target gives a mixed response (both non-ferrous and ferrous) in All Metal mode, then there is a chance that the target is a large iron object or a crown bottle cap.

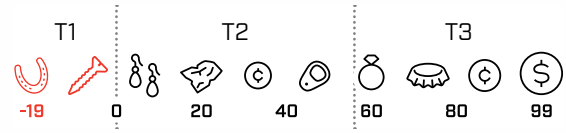
If there is a repeatable non-ferrous response, then the target does not contain iron. This means that the target is more likely to be a good (non-ferrous) target.

TARGET TONES

Groups of Target IDs are assigned Target Tones of different pitch (from low to high pitched) to help users to broadly classify the Target ID without having to look at the display.

VANQUISH 360 has 3 Target Tones.

The tone break position is the point on the discrimination scale at which the Target Tone changes from one pitch to another. Note that the exact tone break positions vary slightly for each Search Mode.



VANQUISH 360 tone break positions (approximate).

IRON VOLUME

The VANQUISH 360 has a fixed (non-adjustable) Iron Volume feature that generates audio from iron objects at a lower volume to non-ferrous objects when in All Metal mode.

Iron objects are generally less desirable than non-ferrous objects, but it can be useful to hear the ferrous response, without being overwhelmed by it.

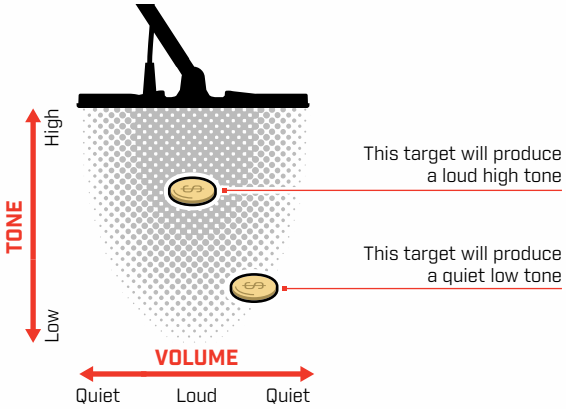
Pinpoint

Pinpointing helps you to quickly narrow down the location of a buried target, allowing you to determine its exact location before digging.

Pinpointing can be done in two different ways:

- Using the Pinpoint Function (see "Locate a Target Using Pinpoint Mode" on page 14)
- Using a manual pinpointing technique (see "Locate a Target Manually" on page 15)

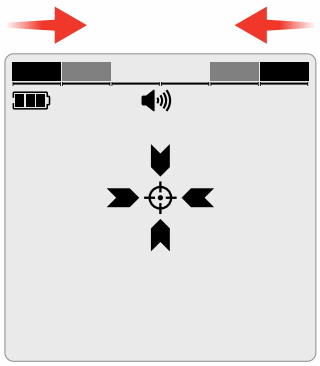
The difference in tone and volume will help to identify the position and depth of the target.



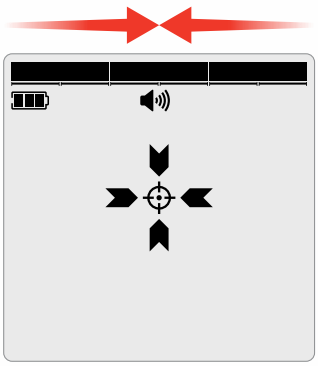
PINPOINT MODE VISUALISATION

When Pinpoint Mode is active, the discrimination pattern is temporarily disabled (i.e. All Metal is enabled). Pinpoint Mode also switches off motion detection, so target signals occur even if the coil is stationary.

As the centreline of the coil approaches the target, discrimination segments will fill from the outside towards the centre. When the Discrimination Segments are all On, the target is directly beneath the centreline of the coil.



Weak/off-centre target signal: Fewer discrimination segments are On. The target is located nearer to the outside of the coil.

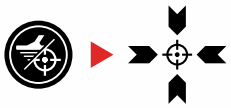


Strongest target signal: All discrimination segments are On. The target is located directly below the centreline of the coil.

LOCATE A TARGET USING PINPOINT MODE

1. Hold the coil away from the approximate target location, then press-and-hold the Pinpoint button, keeping it pressed throughout the procedure.

   The Pinpoint Indicator cross-hairs will appear on the display.



2. Keeping the coil parallel to the ground, sweep slowly over the target location two or three times. This calibrates the Pinpoint function for more accurate pinpoint audio responses.
3. Locate the centre of the target by listening for the loudest signal and/or watching the Pinpoint Visualisation on the display.

   Note: the Pinpoint function progressively masks the target response by reducing the Sensitivity with each sweep until only a very narrow target response remains.
4. When all of the segments on the Discrimination Scale are On, the target will be below the centre of the coil.

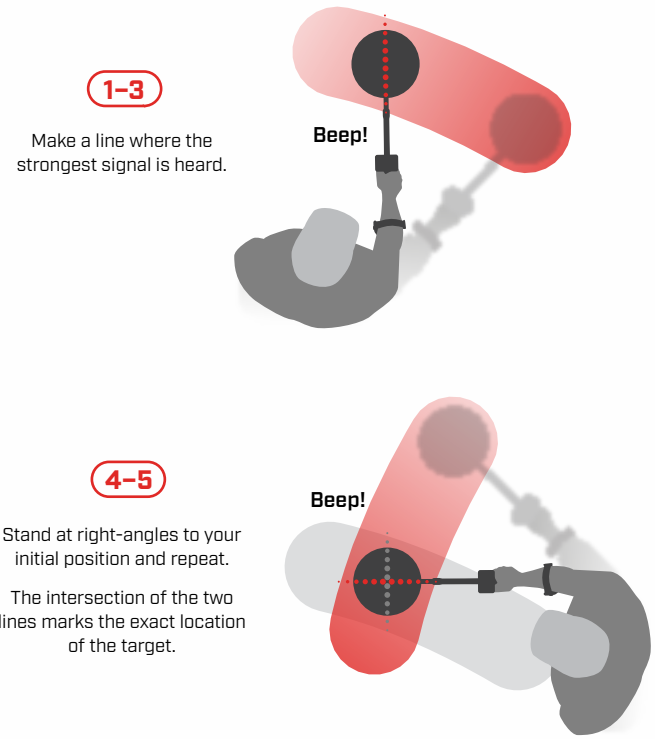
If you have difficulty Pinpointing the target, or if the detector becomes too noisy when Pinpoint is turned On, turn Off Pinpoint and then return to Step 1 and repeat the Pinpoint procedure.

Pinpoint *(Continued)*

LOCATE A TARGET MANUALLY

It is possible to locate a target successfully without using Pinpoint, however this requires practice. This method may be required when a desirable target is surrounded by trash.

1. Sweep the coil slowly across the target location keeping the coil parallel to the ground.
2. Locate the centre of the target by listening for the loudest target signal response.
3. Make a mental note of the position, or mark a line on the soil with your shoe or a digging tool.
4. Move to one side so that you can pass the coil over the target at right angles to your initial direction.
5. Repeat steps 1 and 3 from your new position. The target is located where the two imaginary lines cross.



Headphones, Batteries & Charging

Wired Headphones

Any standard 3.5 mm (⅛-inch) headphones can be connected to VANQUISH, provided that the headphone connector overmold is less than 9 mm (0.35") in diameter. If it is larger, the connector will not fit inside the waterproof socket.

CONNECT WIRED HEADPHONES

1. Unscrew the plastic dust-cap from the Headphone Socket on the rear of the Control Pod. If it is tight, it can be loosened with a small coin.
2. Plug the headphones into the headphone socket.

   The Headphone icon will appear in the Status Bar.

When headphones are not in use, make sure that the waterproof dust-cap on the rear of the Control Pod is screwed firmly into place.

CONNECT WATERPROOF HEADPHONES

VANQUISH is waterproof, and can be fully submerged to a depth of 5 metres (16 feet).

Minelab waterproof headphones must be used for underwater detecting, as they have a unique connector that forms a waterproof seal when used with your VANQUISH.

1. Unscrew the plastic dust-cap from the headphone socket on the rear of the Control Pod. If needed, it can be loosened with a small coin.
2. Make sure that the headphone socket and connector are dry and free from sand, dust, and dirt.
3. Plug the headphones into the socket on the back of the Control Pod.
4. Carefully align the retaining ring over the connector thread and screw them together, making sure no cross-threading occurs.

   The Headphone icon will appear in the Status Bar.
5. Firmly tighten the retaining ring.

HEADPHONE SOCKET SUBMERSION

Before detecting underwater without headphones, **always** make sure the waterproof dust-cap is securely fitted to the Headphone Socket.

While the uncovered Headphone Socket is waterproof and can be submerged without immediately damaging the internal electronics of the detector, it can cause corrosion of the socket and false headphone detection.

Whenever the Headphone Socket has been submerged, follow all advice listed in "Headphone Socket Maintenance" (page 25).

Batteries and Charging

CHARGER INFORMATION AND SAFETY

VANQUISH is supplied with a USB charging cable with a snap-on magnetic connector.

The charge time from completely flat to 100% is approximately 7 hours when a high capacity (1 A @ 5 V) charger is used. A range of charging accessories are available for separate purchase.

Any standard USB port compatible with USB battery charging can be used to charge your battery, however charge times may be longer if using lower-power ports or chargers.

CAUTION: Only charge the detector in ambient temperatures between 0°C and +40°C (+32°F and +104°F).

CAUTION: DO NOT use the detector underwater whilst charging or when connected to a power bank.

NOTE: The power delivered by the charging source must be minimum 5 W in order to achieve the maximum charging speed.

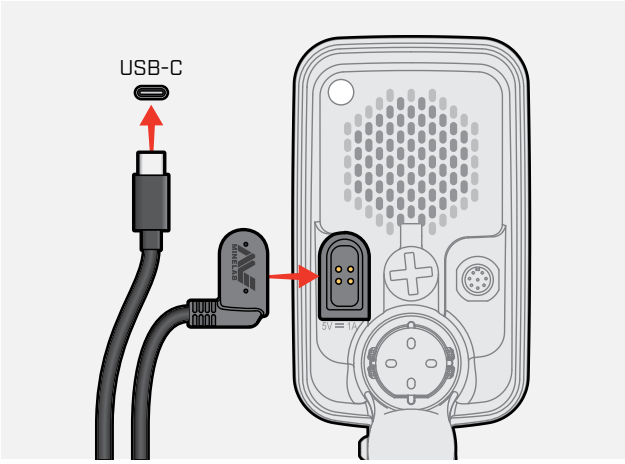
NOTICE: Minelab Metal detectors and accessories are not intended to be operated while connected to a mains (AC) charger.

Going detecting with a fully charged battery is recommended. Typical battery runtime is approximately 10 hours.

CHARGING THE BATTERY

If the detector is powered On during charging, the charge time will be longer.

1. Plug the supplied charging cable into any standard powered USB-C port.
2. Connect the magnetic connector to the charging interface on the rear of the Control Pod.



3. The battery will begin to charge. Charging progress is indicated by either the Charge Status LED (if charging while the detector is Off), or the Battery Level indicator in the Status Bar (if charging while the detector is On).

Charge Status LED

Charging (flashing)	
Fully charged (on)	

Batteries and Charging *(Continued)*

BATTERY LEVEL INDICATION

The Battery Level indicator shows the current battery level.

The Battery Level Indicator (fully-charged state shown)

The detector regulates the battery voltage so that detector performance remains constant regardless of the battery level.

Automatic Shut-Down

When the battery level is critically low, 'bF' Error Code will appear on the Target ID Display. The detector will then shut down automatically.

See "Critically Low Battery Error" on page 21 for steps to resolve this error.

OPERATING WITH A POWER BANK

CAUTION: The detector must not be used underwater whilst charging or when connected to a power bank.

You can use your VANQUISH detector whilst plugged into a portable power bank. This means you can continue detecting even if the detector battery is flat.

Connect the power bank to your detector using the supplied USB charging cable, and continue detecting.

BATTERY MAINTENANCE

See "Battery Maintenance" on page 25.

Errors & Troubleshooting

Error Codes

Some detector faults will display an Error Code/Number on the Target ID Display. Try the recommended actions listed before contacting an Authorised Service Centre.

COIL DISCONNECT ERROR

'Cd' is displayed in the event of a Coil Disconnect Error.

In the event of a Coil Disconnect Error, follow these steps:

1. Check that the coil connector is connected properly at the back of the Control Pod.
2. Check the coil connector pins on the back of the Control Pod for any damage
3. Check the coil cable for damage.
4. Check the coil for visible signs of damage.
5. Try another coil, if you have one available.

SYSTEM ERROR

In the event of a System Error, 'Er' and an Error Number will alternate on the Target ID Display. The detector will shut down 5 seconds after reporting a System Error.

'Er' is displayed in the event of a System Error.

In the event of a System Error, follow these steps:

1. Restart the detector to determine if the error still remains.
2. Confirm the coil is attached correctly.
3. Perform a Factory Reset (see page 28).
4. If the error still remains, return the detector to your nearest Authorised Service Centre for repair.

CRITICALLY LOW BATTERY ERROR

When the battery level is critically low, ‘bF’ will appear on the Target ID Display. The detector will shut down 5 seconds after reporting a Critically Low Battery Error.

'bF' is displayed in the event of a Critically Low Battery Error.

In the event of a Critically Low Battery Error, follow these steps:

1. Recharge the battery or connect a USB power bank.
2. Contact an Authorised Service Centre to replace the internal battery.

General Troubleshooting

Try the recommended actions listed, in order, before contacting an Authorised Service Centre.

Detector does not turn on, or turns Off by itself (with or without the 'bF' Error Code)

1. Check that the Coil is connected.
2. Charge the detector.
3. Check that the detector is charging and the green Charge Status LED is flashing.
4. Check that you are charging from a USB charging source with a 1 A @ 5 V charging capacity.
5. Check that the magnetic connector and Charging Interface on the back of the Control Pod are clean and free of debris.
6. Check that the USB charging cable is properly seated/connected to the detector.

Erratic and/or excessive noise

1. Move away from local sources of Electromagnetic Interference (EMI).
2. Restart the detector to initiate an Auto Noise Cancel.
3. Reduce the Sensitivity Level.

No sound — Wired headphones

1. Check that the detector is On, and start-up has completed.
2. Check that the headphones are plugged in and fully inserted into the headphone socket.
3. Check that the headphones indicator is displayed in the Status Bar.
4. Check that Volume is set to an audible level.
5. Unplug the headphones and confirm that the detector speaker is audible.
6. Check that the headphones connector is free of moisture or debris.
7. If available, try using a different set of headphones.

Speaker is squeaky or muffled after submersion in cold water

1. Allow up to 30 minutes for the detector internal air pressure to return to normal. Note, laying the detector on the ground with the Control Pod standing up may equalise internal air pressure faster.

Headphone indicator is On, but no headphones are connected

There may be water inside the Headphone Socket causing false detection of wired headphones.

1. Check that the Headphone Socket is clear of water and obstructions.
2. If water is present, use a warm (not hot) air dryer to dry the Socket.

Detector does not operate after being left in an extremely hot environment (e.g., backseat of a car on a sunny day)

The detector has overheated. It may briefly power On and display "bF" before freezing.

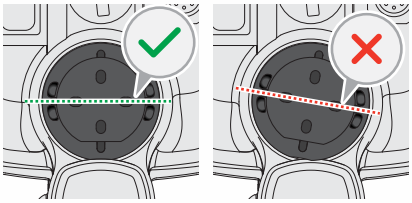
1. Place the detector in a cool, dry location and allow it to cool down. Once it has cooled sufficiently, normal operation will resume.

Safety, Care and Maintenance

Detector Care and Safety

GENERAL CARE AND SAFETY

- ⚠ **WARNING:** When adjusting volume, you must cycle through louder levels before reaching a lower volume. To avoid discomfort or hearing damage, remove headphones while adjusting the volume.
- ⚠ **WARNING:** Do not allow small children to play with the detector or accessories, small parts are a choking hazard.
- ⚠ **WARNING:** When transporting the detector by air, the coil must be disconnected from the Control Pod. Ensure you also comply with airline regulations regarding the transport of lithium batteries in equipment.
- Wash your hands before handling the detector after using sunscreen or insect repellents.
- The Display lens is made from quality optical plastic for clear viewing of the screen and is therefore prone to scratching or serious damage if not treated with due care. Application of a screen protector is strongly recommended. Replace it periodically if it becomes scuffed or scratched.
- Never clean the Display lens using solvents or alcohol-based cleaners. To clean the Display lens, use a slightly damp cloth with mild soap detergent. Dry with a clean lint-free cloth to remove water-spots.
- Do not use any lubricants, sealants, or solvent or alcohol-based cleaners on any part of your detector. Even chemicals typically considered mild such as isopropyl alcohol or silicone lubricants can degrade material properties or the integrity of seals. Use of chemicals on the product may void the warranty. To clean, use a slightly damp cloth with mild soap detergent.
- Do not apply any chemicals including O-ring lubricant, grease or silicone grease to seals or O-rings if replacing the internal battery, as this will damage the battery seal.
- Do not allow the detector to come into contact with gasoline/petrol or other petroleum-based liquids.
- Do not bring the detector or accessories into contact with sharp objects as this may cause scratches and damage.
- Avoid getting sand and grit in any moving parts including the Shafts, Camlocks and Yoke assembly. If sand and grit accumulates in these parts they should be rinsed in fresh water then dried thoroughly.
- Do not expose the detector to extreme temperature conditions. The storage temperature range is from -20°C to +70°C (-4°F to +158°F). Avoid leaving it inside a vehicle parked in the sun on a hot day, as temperatures can reach extreme levels. If the detector has been exposed to high temperatures, allow it to cool down before attempting to power it On.
- Ensure the Coil Cable is kept in good condition, free of strain, kinks and tight bends.
- Do not expose accessories not listed as waterproof to liquid/moisture or excessive humidity.
- Only charge the detector and accessories according to the instructions provided.
- Do not charge the detector or accessories in extreme temperature conditions — Only charge the detector in ambient temperatures between 0°C and +40°C (+32°F and +104°F).
- Do not use tools to tighten the Coil Connector to the Control Pod, this will damage the Control Pod. If the Coil Connector is not fitting easily, flush any dirt/grit away with fresh water then allow it to dry before trying again.
- Do not attempt to adjust the Coil Connector nut on the back of the Control Pod. This is locked in place and tampering will damage the Control Pod.
- Do not poke sharp objects into the Speaker grille to clean it, this will damage the Speaker and compromise waterproofing. Clean the Speaker by flushing fresh water through the grille.
- After replacing the battery, do not over-tighten the battery seal. With the detector upright, the twist-lugs on the battery cap should be horizontal.



Detector Care and Safety *(Continued)*

MAINTENANCE OF PARTS

Battery Maintenance

Lithium-ion battery performance may degrade if unused for long periods of time. Fully charge the battery at least once every 3 to 4 months to prevent this from occurring.

Even with correct care and maintenance, Lithium-ion battery performance reduces over time with normal use. Therefore the battery may need to be replaced every few years. Replacement batteries can be supplied and installed by a Minelab Authorised Service Centre.

⚠ **Do not apply any chemicals including O-ring lubricant, grease or silicone grease to seals or O-rings if replacing the internal battery,** as this will damage the battery seal.

Coil Maintenance

The Skidplate is a sacrificial/replaceable part intended to protect the Coil from damage. Replace the Skidplate when it becomes excessively worn, but before it wears through in any place.

After Beach/Saltwater Detecting

Sand is abrasive, and salt can corrode metal parts of the detector over time. Following the listed advice is essential to avoid damage to parts of your detector.

Removing Sand From the Detector

Immediately after detecting at the beach or in saltwater, rinse all parts of the detector with fresh water. Avoid wiping the detector to remove sand as this may cause the sand to scratch the detector.

Open both Camlocks and flush with clean fresh water.

Headphone Socket Maintenance

Immediately after underwater detecting sessions, make sure that the area around the connector is dry and free of sand/mud **before** disconnecting the headphones (or the waterproof dust-cap).

If any sand/mud accidentally gets inside the Headphone Socket, flush it gently with fresh water before drying it thoroughly.

Specifications & Compliance

Technical Specifications

	VANQUISH 360	VANQUISH 460	VANQUISH 560
Search Modes	Park, Beach, All Metal	Park, Field, Beach, User Profile	
All Metal Shortcut	No	Yes	
Custom User Search Profile	No	Yes	
Operating Frequencies (kHz)	Multi-IQ®		
Noise Cancel	Auto (19 Channels)		
Wireless Audio	No	Yes*	
Iron Bias	Fixed	0 to 2	-1 to 2
Sensitivity	5 levels (1 to 5)	10 levels (1 to 10)	
Volume	5 levels (1 to 5)	10 levels (1 to 10)	
Iron Volume	Fixed		10 levels (1 to 10)
Target Tones	3 tones		5 tones
Discrimination Segments	6 segments (in groups of 20 Target ID's)	30 segments (in groups of 4 Target ID's)	
Pinpoint Mode	Yes		
Target Identification (ID)	119 levels notch discrimination: Ferrous: -19 to 0 | Non-ferrous: 1 to 99		
Depth Indicator	5 levels		
Length	Extended: 142 cm (56 in) Collapsed: 79.5 cm (31.2 in)		
Weight	1.16 kg (2.6 lbs)		1.26 kg (2.8 lbs)
Display	Monochrome LCD	Monochrome LCD with Red backlight (Off (0), Low (1), High (2)	
Keypad Backlight	—	Yes, controlled by Backlight setting	
Flashlight	—	Off, On	
Vibration	—	Off, On	
Supplied Coil	V10X™ 10" Double-D		V12X™ 12" Double-D
Supported Coils (not included)	V8X, V10X, V12X, EQX06, EQX11, EQX15		
Supplied Charging Cable	USB-C Magnetic Charging Cable		
Audio Outputs	In-built loudspeaker Wired 3.5 mm (1/8") headphones	In-built loudspeaker Wired 3.5 mm (1/8") headphones Wireless audio	
Supplied Headphones	—	Wired 3.5 mm (1/8") headphones	
Battery	3.7 V/4500 mAh Internal Lithium-Ion battery (approx. runtime 10 hours)		
Additional Included Accessories	Getting Started Guide Armrest with strap V10 skidplate		Getting Started Guide Armrest with strap V12 skidplate
Waterproof	Waterproof to 5 m (16 ft), IP68		
Operating Temperature Range	-10°C to +40°C (+14°F to +104°F)		
Storage Temperature Range	-20°C to +70°C (-4°F to +158°F)		
Key Technologies	Multi-IQ®		
VANQUISH 560 PRO-PACK	VANQUISH 560 Pro-Pack is based on the standard VANQUISH 560 with the following differences: Includes ML60 Bluetooth® LE Audio Wireless Earbuds* and a V8X™ 8"×5" Double-D coil with skidplate. Excludes Wired 3.5 mm (1/8") headphones.		

* VANQUISH 560 and 460 are only compatible with headphones that support Bluetooth® LE Audio with the LC3 codec.

Minelab reserves the right to make changes to the design, equipment and technical features at any time. For the most up-to-date specifications for your detector, visit www.minelab.com.

Factory Reset

The Factory Reset function returns all detector settings to their Factory Preset state.

1. Ensure the detector is powered Off.
2. Press-and-hold the Sensitivity/Power Button until 'FP' appears on the Target ID Display.

'FP' will appear on the Target ID display when Factory Presets are restored.

3. Release the button. Automatic Noise Cancel will begin when Factory Reset is complete.

Software Updates

VANQUISH detectors contain software that can be updated via the supplied USB charging/data transfer cable.

Visit www.minelab.com/product-manuals for up-to-date VANQUISH Software and installation instructions.

DISCLAIMER

The Minelab metal detector described in this instruction manual has been expressly designed and manufactured as a quality metal detector and is recommended for treasure and gold detecting in non-hazardous environments. This metal detector has not been designed for use as a mine detector or as a live munitions detection tool.

COMPLIANCE

Refer to the included *Instructions and Safety Information* leaflet for further regulatory information.

To view product compliance information, press-and-hold the Volume button.

Minelab Electronics,
PO Box 35, Salisbury South,
South Australia 5106

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www.minelab.com

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