MTC POCKET PRO

Metal Detector Travel Compact Plus – MTC Smartphone App



User Manual







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The MTC POCKET PRO is the first commercially available Smart and compact metal detector to harness the precise sensoring capability of the newly patented AIS (Analysis of Inductive Signature) technology and the Ventus coil concept. Equally, a first is the unique standalone usability of the MTC POCKET PRO and its greatly widened usability when used together with the MTC Smartphone App using wireless communication.

The MTC POCKET PRO App software creates a brand new experience in metal detecting. Painting a picture of the ground beneath your feet, with its simple and intuitive user interface. Finding and precise identification of metal objects has never been so easy.

Disclaimer

The Picosens MTC POCKET PRO metal detector is designed specifically for the hobby metal detectorist, therefore, specifically for the detection of coins, various metal objects, treasure and is especially suitable for the detection of gold. The MTC POCKET PRO is in no way intended for use in munitions or mine detection.

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Safety Instructions

Read these operating instructions carefully before initial operation and adhere to the safety instructions!

Carry out all work on and with this tool in the way described in these operating instructions. For this reason, keep these operating instructions available for further use.

- This is a battery-powered tool. Batteries may cause danger to life when swallowed.
 For this reason, keep the tool out of reach of children. If a battery has been swallowed, seek medical help immediately.
- Leaking batteries may damage the tool. For this reason, please remove batteries when you will not use the tool for a long period of time.
- Do not dispose of used batteries in your household waste! Leave such batteries at a collection point for used batteries.
- Only use fresh batteries of the required size and the recommended type. Do not mix old and new batteries.
- Stop using the MTC POCKET PRO when it has been damaged.
- In no case should you try to open and/or repair the tool yourself.
- In case of failure, contact our service team.

When the MTC POCKET PRO detector is in operation, it may cause interference with cardiac pacemakers and other very sensitive electronic devices. If you are unsure, please contact the device manufacturer.

Please note that the manufacturer will not assume any liability for any damage incurred due to improper use of the MTC POCKET PRO.

What you should keep in mind when detecting

- Always adhere to the local, national and international laws.
- Have respect for the rights and the property of other persons.
- Never destroy historical or archeological treasures. If you are not sure about the origin of a detected object, please contact a museum or an archeological association in the region.
- Leave the plot of land as well as the vegetation in the condition in which they were when you arrived. Do not damage fences, walls or buildings. Fill in the holes you dig!
- Only use your MTC POCKET PRO detector on safe ground.
- Always dispose of any waste you may find in compliance with the applicable provisions.

General Description

MTC in MTC POCKET PRO stands for "Metal detector Travel Compact." The MTC POCKET PRO device was especially designed for the precise analysis of hidden objects before excavation. It is characterized by its outstanding sensitivity, compact design and lightweight. These features make it the ideal travel companion.

*With the MTC POCKET PRO every material is indicated by its own unique signature.

This signature is precisely analyzed by the measuring principle AIS which is an extremely accurate method of identifying materials. The hidden object can be displayed via your Smartphone interface as a real photograph or a signature vector. For the search coil, a completely new technology has been developed specifically to complement the AIS measuring principle and to meet the highest standards with a small coil diameter. The reach of this combination exceeds that of high-quality equipment with much larger coil diameters.

The new technology enables you to hide any ground effects and unwanted objects in a simple one step operation without losing sensitivity.

Using AIS technology a "Motion-mode" of operation is no longer required. Therefore, the MTC POCKET PRO is ideal for detection in inaccessible places where a device with "Motion-Operation" may not have a chance.

Often detectors require the continuous sweep of their search coils over the ground. The sweeping motion clearly shows that the user is searching for treasures. The non-motion operation of the MTC detector allows for discrete detection, and gives a precise location of detected objects.

Thanks to its embedded intelligent AIS processor, no manual adjustment is needed and the MTC POCKET PRO is operated with a minimum of controls.

The MTC POCKET PRO can be operated as a standalone metal detector or together with the MTC Smartphone App software, which greatly increases the usability of your device and creates a new dimension in Metal Detecting.

Key Features – MTC POCKET PRO

- Embedded intelligence simplifies user experience
- Compact, lightweight and Pocket sized
- Fully automatic self calibration
- Fully automatic one step Ground Discrimination
- Simple identification of hidden Targets
- Perfect Pinpointing
- 100kHz Operating frequency Optimized for Gold
- Wireless Bluetooth Communication with Smartphone
- Stand Alone or Smartphone App Operation
- Widened usability using Smartphone MTC App

Key Features – MTC Smartphone App

- Real-time display Value of Target proximity
- 360 Degree Target signature display
- Real photo of object probability
- Customizable object Database
- Multiple object discrimination
- GPS object Location Save Point
- Google Maps Discovery display
- Instructions for App, Tutorial

Controls Overview



- 1. On/Off Button ,battery check, calibration
- 2. Ground discrimination, Sensitivity mode configuration
- 3. Battery-Holder. 3 x AAA batteries or Rechargeable ones
- 4. 2 color LED display for metal indication, Battery level indicator, Sensitivity Level
- 5. Mount for rod holder
- 6. Status LED indicator
- 7. Acoustic depth indicator

Smartphone App Functions

Menu Screens

- 1. Target Signature Detection
- 2. Save Target Image and Signature
- 3. Real Target display
- 4. Customizable Object Database
- 5. Ground Effect Cancellation
- 6. Multiple Configuration Menu
- 7. GPS Tracking and Map display
- 8. Instructions for App, Tutorial



Some Screenshots



You will require an Android[™] Device with Bluetooth[®] for communication with the MTC POCKET PRO. With Android 4.0 or higher.

*Please check on our website for Smartphone compatibility.

Commissioning

- Open the battery compartment (carefully slide cover to the side)
- Insert 3 x AAA batteries or rechargeable AAA (observe proper polarity!)
- Attach the bayonet rod mount supplied to any non-metallic rod. The flexible rod mount allows the use of rod extensions with a diameter of 25mm to 30mm.



MTC Pro switching ON: Double-click on the Button 1

MTC Pro switching OFF: Double-click on the Button 1

After switching on, the MTC POCKET PRO calibrates itself automatically to the local conditions.

For proper calibration of the MTC POCKET PRO, ensure there is no metal in the area. This includes rings and watches, etc.

During the calibration process the LED array displays the sensitivity setting.



The calibration procedure takes about 3 seconds. On completion of the calibration, the Status LED will blink 1 x per second.

When auto calibrating outside, ensure a minimum distance of 4 meters from large metal object such as cars. Etc

The MTC POCKET PRO is now ready for use....

Signaling of Metal

When you approach a metal Target the indicator LEDs light up according to the size or depth of the found Target. At the same time, you will hear a rising pitch in the acoustic signal. The display may be Blue (Ferrous) or Orange (Non-Ferrous) depending on the current Target Signature.

The LED indication colors can be setup for individual needs via the Smartphone App, that means: Ferrous metals may be displayed Blue and Non-Ferrous in Orange, or for example Gold could be displayed in Orange and all other materials in blue.

Ground Effect Cancellation – Ground Balance

The MTC POCKET PRO utilizes its own unique and highly effective Ground Effect Cancellation technology. This is a very simple "ONE STEP" operation. This technology is able to cancel out any ground structures without affecting metal detecting sensitivity.



Activating Ground Effect Cancellation

With MTC ON, Hold the MTC POCKET PRO in the air (away from metal) Press **Button 2 once**, The MTC starts to calibrate for about 2 seconds and during this time the LED array displays the current sensitivity level, afterwards the acoustic signal will beep once and the upper and lower LED will light in Orange.

Now quickly place the MTC POCKET PRO close to the ground, the amplitude of the ground effect will be displayed in Blue. After 4 seconds the displayed amplitude will disappear and the acoustic signal will beep Twice.

Now the actual current Ground Effect is cancelled out.

When the Ground Effect Cancellation is active, the Status LED blinks Twice per second to indicate that the ground has been cancelled out.

If the mineralization or type of ground changes, the previous procedure can be repeated.

To turn OFF the Ground Effect Cancellation Press Button 1, once.

For proper calibration of the MTC POCKET PRO, ensure there is no metal in the area. This includes rings and watches, etc.

Sensitivity Level

The MTC POCKET PRO has 3 sensitivity levels which enables further uses for the device. For cable or pipe location in walls for instance, the standard sensitivity level of 3 is often too high and can be reduced to suit the new environment.

Changing the sensitivity level

Double press **Button 2**, to change and display the sensitivity level. Repeated double pressing of **Button 2** will cycle the sensitivity level selection. To check the actual sensitivity level, press **Button 2** continuously and the sensitivity level will be displayed without changing.



New Calibration to suit environment change

After changing environmental conditions, E.g.: moving from outdoors into a building, a new automatic calibration should be performed.

Start the automatic calibration simply by pressing **Button 1**.

For proper calibration of the MTC POCKET PRO, ensure there is no metal in the area. This includes rings and watches, etc.



Battery Check

To perform a battery check simply continuously press **Button 1**, the LED array indicates the voltage of the batteries. This information is also available inside the MTC POCKET PRO application.

The battery level is displayed even if the MTC POCKET PRO is switched off, by pressing continuously **Button 1**.



* The level is indicated from top to bottom. 8 LEDs means battery Full

Please be aware that with alkaline batteries 8 LEDs indicate full, and with NiMH rechargeable batteries 4-5 LEDs (depending on battery type) will indicate full.

MTC POCKET PRO Operation with MTC Smartphone App

The Smartphone App provides a whole new level of experience in metal detecting with its unique features like Target Signature databank, Discovery databank with images and GPS locations. Metals when found can be displayed on an intuitive Real-Time Signature Vector screen or a Real-Time Target Probability screen.

Additionally, the software offers a host of expert features and settings to fine tune the POCKET PRO for individual needs.

Getting started with the MTC POCKET PRO and MTC App

Firstly, the MTC POCKET PRO and the MTC Smartphone App are two separate devices until they are paired via Bluetooth[®]. The MTC POCKET PRO can be used as a standalone Metal Detector as can the MTC App be used without the MTC POCKET PRO being paired to it; this is so that Database Management: Edit, Save and Delete tasks can be performed.

• For a full detection experience, you need the MTC POCKET PRO to be paired with the Android device.

To pair the MTC POCKET PRO with the MTC Smartphone App, turn on the MTC POCKET PRO and then turn on your Smartphone App. Your Smartphone will show a list of Bluetooth[®] devices. Your MTC POCKET PRO will be labelled MTC Pro XXX (XXX stands for the serial number). If your device is not listed, press the refresh icon to rescan for available Bluetooth[®] devices.

Now pick on your MTC Pro XXX to open the connection.

MTC Smartphone App, Screens and Functions



Home Screen/Start Screen

When you select the MTC device, the App will open a connection to the MTC Pocket Pro.



1. Start screen

3. Real-Time Vector screen

Screen and Icon function - Overview



Real-Time Vector screen display + Bottom Menu Functions

Real-Time Target display – Target or Material probability



When the Real Target display button is pressed, this screen is shown.

Real Target display view - Active

Real-Time Vector view – Not Active

Signature Amplitude bar

Raised Bar here, indicates the most probable Target

Side Menu



The side menu comes out from the left side when swiped or touch the MTC icon.
Actual Battery level indicator
Configuration for additional and expert functions
View saved Target Signature list
Add a Discovery
View and Edit saved Discoveries
Mute all Audio/Beeper sound – On or Off
Close connection to MTC – Exit to Start Screen

Side Menu - Configuration Menu



In the Side Menu press Configuration to see this screen.

Change LED indication color on the MTC POCKET PRO.

Set Expert Fine Detection level

Set Expert Environmental compensation

Set Ground Effect Focus settings

Set Expert Ground Effect settings

Permanent Memory to save settings to MTC

Redefine reference amplitude

Screen and Icon function – Description



Real-Time Target Signature - 360 Degree Vector View in Detail

Displayed here is the Vector Signature as a Radius line.

The intensity of the Signature is depicted by the Amplitude wave form in the background and the numerical indication below right. How far the RED dot travels along the radius line corresponds with the size of the Target Signature strength.

Real-Time Target probability screen

Real-Time Vector View - Active

Signature Vector - Red line / Intensity - Blue line

Amplitude wave form

Actual Signature value

Amplitude value



Real-Time Target Signature - continued

When Ground Effect Cancellation icon is pressed, the current Signature segment is hidden. The segment size can be changed in the configuration menu under Expert Settings - Ground Effect.

Hidden Signature

Ground Effect Focus Segment – Expert settings

Ground Effect Cancellation Active is indicated by the "Tick" being shown, and the black segment is visible.

All signatures that fall in the black segment are hidden.



Real-Time Target display – Target or Material probability

When the Real-Time Target screen icon is pressed, this screen is shown. This screen shows each saved Target Signature in bar form. As the Signature strength of a saved Target increases, the Target bar will rise indicating the most probable Real-Time Target. Real-Time Target Probability View - **Active** Real-Time Signature View – **Not Active**

Signature Amplitude value

Probable material, Color bar is rising

Saved Materials with Photos & Names

Real-Time Target display – continued



When a number of Target Signatures have been saved and the Real-Time Target display is active, the Target you are currently most probably detecting will be shown by the bar for that Target being the highest.

E.g. Targets with very similar Signatures will start to rise.

The highest bar is the most probable Target.

When the probability bar is selected, the signature can be redefined, see below.



Real Target display – continued - Redefining Target Signature

The Target Signature of a material can be redefined or deleted by picking the material in the Probability Screen view.

Red button provides option to delete the selected Signature

Press Green button to redefine Target Signature

Touching the screen to one side cancels the option

Real Target display – Defining Signature



Hold material near to MTC POCKET PRO to create a new Target Signature Vector, then press OK to save new Signature, or cancel to cancel operation

Cancel operation

Save new material signature with OK

This is useful when you have dug up and cleaned the Target and wish to assign a more precise Signature.

Manual – Automatic Calibration - Function



The manual Automatic Calibration icon starts the process of calibration. Hold the MTC in the air away from anything metallic then press the icon.

Calibration function Icon





Side Menu – Configuration Options

Side Menu - Configuration Menu – Orange/Blue area



This screen provides access to various settings options in order to tune the MTC POCKET PRO to suit the actual environmental conditions and to set search preferences.

The Orange/Blue area option screen is the next screen

Side Menu - Configuration Menu - Orange/Blue area



This screen allows for the setting up of the Non-Ferrous and Ferrous indication area. Non-Ferrous Targets are indicated with Orange LEDs. Ferrous with Blue LEDs.

Pick and move the handles to change the position and size of the segment.

Positioning the segment around non-ferrous signatures ensures only non-ferrous targets will show Orange LEDs.

Target signatures that fall outside of the yellow segment will show Blue LEDs (Ferrous).

Simply exiting the screen will save the setting.

Side Menu - Configuration Menu - Orange/Blue area - Continued



This screen allows for the setting up of the Non-Ferrous indication area. **Non-Ferrous** Targets are indicated with Orange LEDs.

The Grey zone is for hiding the **Ferrous** or Blue LED indication.

Pick and move the handles to change the position and size of the segment.

Positioning the segment around **Ferrous** signatures ensures only Ferrous targets will show Blue LEDs.

The second option allows the hiding of **ALL** signaling (Ferrous), no sound and no LED indication outside of the Yellow **Non-Ferrous** segment.

The segments set here are indicated on the Real-Time Target Signature display screen as yellow and grey bands.

Simply exiting the screen will save the setting.

Side Menu - Configuration Menu – Detection Level



Detection level allows you to set the Signature strength value at which the MTC POCKET PRO starts to indicate a Target.

Move the Green circle to set the level at which the Target is first indicated or adjust with the plus and minus buttons.

Side Menu - Configuration Menu – Environmental Compensation



Side Menu - Configuration Menu – Ground Effect



Side Menu - Configuration Menu – Expert Mode



Side Menu - Configuration Menu – Permanent Memory



Side Menu - Configuration Menu - Redefine reference



This option allows the MTC Amplitude Zero point to be redefined or reset.

A Steel Ball bearing of 10 – 15 mm diameter will be sufficient.

Side Menu - Target Signatures – View Target Signatures



Side Menu - Target Signatures – Select a Target Signature



Side Menu - Target Signature – Add Target Signature



Side Menu - Target Signature Screen - Adding a bar Color





Side Menu - Add Discovery

Side Menu - Discoveries



Discoveries Screen – Edit a selected Discovery



Selecting a Discovery enables you to Edit or Delete an item.

Add, View on Map or Delete All

Delete selected Item

Edit selected Item

Side Menu – Function description – Mute Beeper





Side Menu – Functions description – Close Connection

The side menu comes out from the left side when pulled or touch the MTC icon.

Selecting Close Connection terminates the Bluetooth connection between Smartphone and MTC POCKET PRO and returns you to the start screen.

Specifications MTC POCKET PRO

Measuring system:	AIS (Analysis of Inductive Signature)
Coil system:	Ventus
Measurement frequency:	100,0 kHz
Power supply:	3x AAA battery
Current consumption:	ca. 100 mAh
Operating time (battery 1200mAh):	12 h
E-Factor:	> 4,5
Dimensions L x W x H:	19,1cm x 12,6cm x 2,3cm
Coil diameter:	12,6 cm
Weight:	300g (excl. batteries)

Recommended Batteries

High Capacity Duracell, Energizer or Varta AAA Alkaline batteries

or

Rechargeable NIMH AAA batteries > 900mAh at 1.2v

*Always recharge batteries with the correct charger to ensure a full capacity.

Rod Holder

For the convenient fixing of a non-metallic rod (plastic rod, wooden "walking stick" etc,) a rod or pole holder is provided. The rod holder is attached to the MTC Pocket Pro with a bayonet connector, it is simply pushed down and turned into place.



Bayonet rod holder



Adapter mounting boss



Bayonet rod adapter mounted correctly

Parts List





- MTC POCKET PRO
- User Manual
- Bayonet Rod holder
- Batteries 3 x AAA Alkaline (Actual Make can vary)

Quick Start Guide – MTC POCKET PRO Operational Functions

MTC POCKET PRO Standalone Operation and Function Selection

- MTC POCKET PRO switching **ON**: **Double-click on the button 1** * Status LED Blinks & Automatic Calibration starts immediately
- MTC POCKET PRO switching OFF: Double-click on the button 1
 * No LEDs are lit or blinking
- 3. MTC POCKET PRO Battery Level: Press button 1 constantly.
 - * 8 LEDs = Full, 3 LEDs = Low
- 4. Sensitivity Level Selection: Double-click on button 2 repeatedly to select preferred level.



- * Level 1=Lowest sensitivity, Level 2=Medium, Level 3=Highest sensitivity
- Setting up a Discrimination: Hold coil in the air, press Button 2, wait for end LEDs to be Orange, hold coil over object, wait for indication LEDs to go out. Status LED double blinks. Discrimination/Ground Effect is set.
- 6. Removing a **Discrimination**: Press **Button 1**, once. Status LED blinks once.

* Alternatively discriminating/hiding another object overwrites the previous discrimination setting.

Quick Start Guide – MTC POCKET PRO with Smartphone App

- 1. Turn on MTC POCKET PRO Press Button 1 twice
- 2. Turn on MTC Smartphone App
- 3. Pick MTC POCKET PRO device from Bluetooth devices listed
- 4. Connection to MTC POCKET PRO will be verified with screen message
- 5. Press Calibrate Icon to recalibrate MTC POCKET PRO

After MTC POCKET PRO and Smartphone are connected you will initially see the following **Image 1**. This is the Real-Time Vector screen.



When you have found a Target, the Target Signature will be indicated on the screen by a RED line showing the Signature Vector and a BLUE tracer line will move along the RED line indicating the Signature Amplitude or strength. **Image 2**.

If the Red line hits the display outer circle the signal will saturate the screen, move away from Target.

For MTC Pro Smartphone App Functions in detail see pages 16-33

Quick Start Guide – MTC Pro with Smartphone App







Real-Time Vector Screen – This is the first screen you see after pairing your Android device to the MTC POCKET PRO.

From here you can access all available Menus and Functions by either picking the icons or pulling out the side Menu.

Real-Time Vector Screen – When the MTC POCKET PRO starts to detect a Target, the RED line indicates the Signature Vector, and the BLUE line moves along the RED line indicating the Signature strength or Amplitude.

You may save the Target Signature and name it. When you have dug up the Target object you may Edit the saved Target by giving it a name and taking a photo.

Target Signature Screen – When you have identified your Target you can Edit the information you saved, giving the Target a proper name and taking a photo.

When you have saved the information you will return to the Vector screen. You may change to the Real-Time Probability Screen.

Real-Time Probability Screen – This screen will graphically indicate the most probable current Real-Time Target material. This is particularly useful when you find lots of the same Targets repeatedly.

When you have identified the Target you can use this screen to save a better Signature. By picking the Target you have the option to Edit and re-save the Signature.



Real-Time Probability Screen – Pick the Target you want to change. Edit the Signature by touching the GREEN circle. Delete the Signature by picking the RED circle. Your changes will be immediately updated and displayed.





Co	nfiguration
	Orange/Blue area
t.	Detection level
1	Environmental compensation
7;*;/	Ground effect
÷	Expert mode
B	Permanent memory
REF	Redefine reference

Ground Cancellation – When you have the MTC POCKET PRO placed on the ground or just hovering above it, and the MTC is not registering any metals, you can cancel out the ground by pressing the Ground Hide Icon.

If you have a Target signature that you wish to hide, get a good Signature showing on the screen then press the Ground Effect Cancellation Icon to hide it. All other Signatures that are outside of the hidden (indicated by a black sector) sector will still be displayed.

The Side Menu – The side menu provides links to other functions.

Configuration, Target Signatures, Add Discovery and Close BT connection to MTC POCKET PRO.

Configuration Screen – This provides access to a number of settings screens which enable you to optimize your MTC POCKET PRO for various environmental conditions.

You can also save your optimized settings to the MTC POCKET PRO for use next time you use your device.



Mute beeper and keep LEDs off when out of orange zone **Setting Orange/Blue area** – Setting the Orange/Blue area defines how the MTC POCKET PRO LEDs are lit up when a Non-Ferrous or Ferrous Target is found. The area set to yellow will make the LEDs light up Orange, any Signatures outside this sector will show Blue LEDs.

The Blue LEDs and Audio indication can be turned off for Ferrous signatures by selecting "Enable Grey Zone".

The "Mute beeper" option will grey out everything outside of the Yellow segment.

This setting can be saved.



Detection Level – This sets the Signature strength level at which the LEDs will first start to indicate a Target. This means a low setting is very responsive, and high level is less responsive.

Small Target Signatures can be ignored with a higher setting.



Environmental Compensation – This shows the current level of environmental influence.



Ground Effect Focus – This sets the ground effect cancellation segment focus size. A bigger segment cancels a wider range of neighboring signatures.



Expert Mode – Ground Effect quantity can be shown in the Real-Time Signature view screen as a green area. Indicating the level of ground effect in Real-Time even from a hidden signature.

High Precision Algorithm - Used without active ground effect makes the MTC POCKET PRO very sensitive. This extreme sensitivity can produce false signals.

Permanent Memory - Allows you to save the current settings to the MTC POCKET PRO.

The next time the MTC POCKET PRO is turned on, these saved settings will be loaded ready for immediate use.

Reset the MTC to default factory settings.

ICON Descriptions

	Real-Time Vector Display screen selection icon - Brings up the vector display for real-time viewing of the signature whilst detecting.
	Real-Time Target Display screen selection icon - Brings up the target probability screen, showing in real-time the most probable target currently being detected.
Ð	Add Target Signature icon – Brings up the Add Target Signature edit screen, here you can add a photo, edit the name and change the colour bar to a suitable material colour.
	View Target Signatures – Shows a list of already saved target signatures. In this screen you can edit and delete saved signatures.
+	Add Discovery icon – Brings up the add discovery edit screen, here you can add a photo, edit the name and change the colour bar to a suitable material colour.
	View Discoveries – Shows a list of already saved discoveries. In this screen you can add, edit and delete saved discoveries.
TX ,	Ground Effect Cancellation not active - When this icon is showing, no current Ground Effect Cancellation is active. When you press this icon, the current target signature is cancelled/hidden. The range of the cancellation can be set in the Ground Effect Focus option.
×	Ground Effect Cancellation Active - When this icon is showing it means there is currently a Ground Effect Cancellation active. See above.
	Maps View - View saved GPS location of Discoveries on Google Maps. An active location and WiFi or Mobile Data connection is required to view the Maps feature. Discoveries are shown with saved details and Image.
	Sensitivity Level 3 – Maximum sensitivity setting enables maximum ground penetration.

	Sensitivity Level 2 – Middle sensitivity setting.
	Sensitivity Level 1 – Lowest sensitivity setting.
\bigcirc	Auto-Calibration - Hold the MTC in the air and press this icon to start a new calibration. Keep the MTC away from metal objects during the calibration process.
÷	Expert Mode icon - This icon brings up the expert functions from within the configuration menu.
• Ja	Detection Level icon - This icon selection in the expert configuration menu enables the reaction level for when target detection is indicated to be set.
7	Environmental Setting icon - This icon shows the level of environmental interference.
	Orange and Blue Area icon - This feature allows the Non-Ferrous detection indication to be setup. Signatures that fall within the segment will show Orange LEDs, everything that is detected outside this parameter will indicate with Blue LEDs.
REF	Redefine Reference icon - This option enables the MTC to be re-referenced to a known value using a steel ball.
í	Information icon – This icon brings up information to the current App version and access to other information pages.
••••)	Beeper ON

Ń	Beeper OFF
Ľ	Permanent Memory – Saves current settings to the MTC, settings are available the next time the MTC is turned on.
	Delete – Deletes marked Target Signature or Discoveries.
1 M	Edit – Allows currently marked Target Signatures and Discoveries to be edited.
	Photo icon – This icon allows a photo to be takes of a new Target or a new Discovery.
ĮO.	Configuration icon – This icon enables access to the configuration and expert mode menus.
·•	Location Active – Icon indicates that GPS location for a discovery is active and co-ordinates are saved.
- (x)-	Location Not-Active – Icon indicates that GPS location for a discovery was not saved.
X	Close Connection – Found in the configuration menu, this icon enables the connection between MTC and Smartphone to be closed.
S	Re-scan for available MTC Pocket Pro

NOTES

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