

GPZ7000

The Future of Gold Detection



Getting Started Guide

Guía de Introducción

Guia de Iniciação

Guide de démarrage

Руководство по началу работы

دليل البدء



ZVT



Super-D

GPSi



Wi-Stream



World's Best Metal Detection Technologies

MINELAB

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CAUTION

Use of this appliance by children aged less than 8 years is prohibited.

This appliance can be used by children aged from 8 years and above and by persons with reduced physical or mental capabilities if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Cleaning and user maintenance shall not be made by children without supervision.

COMPLIANCE

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.

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

SOFTWARE

Certain components of the XChange2 PC software application for use in conjunction with the Minelab GPZ 7000 are subject to the GNU General Public License, Version 2 ('GPLv2'; www.gnu.org/copyleft/gpl.html), or other open source licenses ('Open Source Software'). In compliance with the terms of these Open Source Software licenses, the Open Source Software that Minelab uses, modifies and distributes is made available to the public, in source code form, at www.minelab.com/open-source. Complete details of the applicable licenses can be downloaded from this website, and can also be found on the installation CD for the software that is included in the box with the GPZ 7000 detector.

DISCLAIMER

The Minelab metal detector discussed in this instruction manual has been expressly designed and manufactured as a quality metal detector and is recommended for 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.

PLEASE NOTE

Since there may be a variety of options available for this detector, equipment may vary according to the Model or items ordered with your detector. Certain descriptions and illustrations may also differ (in this manual) from the exact Model that you purchased. In addition, Minelab reserves the right to respond to ongoing technical progress by introducing changes in design, equipment and technical features at any time.

Main Detector Parts

GPZ 7000 is not waterproof

Armrest Strap

Armrest

Armrest Lock

Handle

Control Panel

USB Connector

Trigger

Headphone Module

Battery Pack

Battery Latches

Stand

Control Box

Upper Shaft

Upper Cam Lock

Mid Shaft

Lower Cam Lock

Lower Shaft

Coil*

* Coil is waterproof to 1m (3 ft)

Unauthorised modifications or repairs to your detector will VOID YOUR WARRANTY.

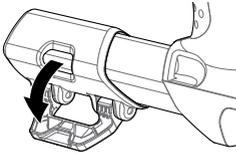
Skidplate

Refer to the Instruction Manual on CD for the full list of parts included with your detector.

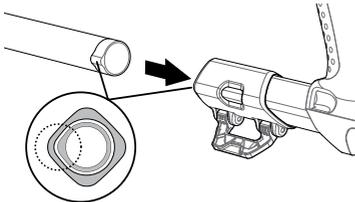
Detector Assembly

Attach mid shaft to upper shaft

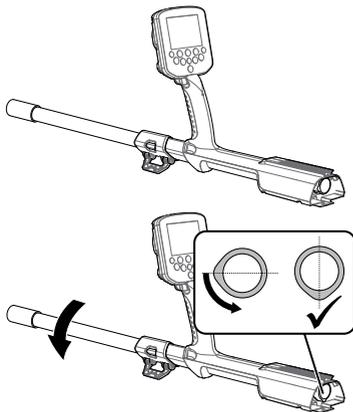
1. Release the cam lock on the upper shaft by pulling the lever away from the shaft.



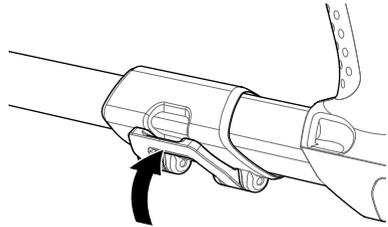
2. The mid shaft can only be inserted into the upper shaft in one orientation. Ensure that the key stop on the mid shaft is aligned to the upper shaft.



3. Slide the mid shaft into the upper shaft until the key stop appears at the top.
4. Rotate the mid shaft 90° so that the key stop is oriented as shown.

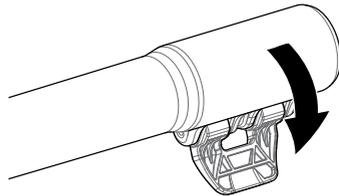


5. Lock the cam lock by pushing the lever towards the shaft.

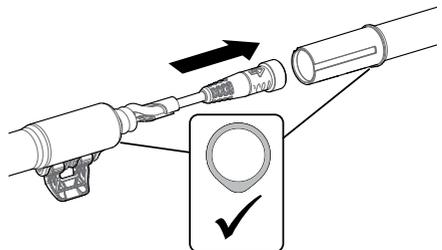


Attach coil and lower shaft to mid shaft

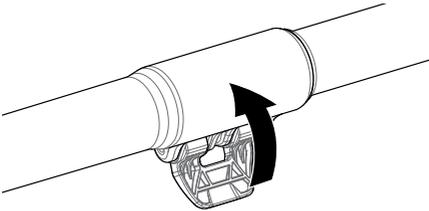
1. Release the camlock on the lower shaft by pulling the lever away from the shaft.



2. Thread the coil cable up the centre of the mid shaft.
3. Insert the mid shaft into the lower shaft. The lower shaft can only be inserted into the mid shaft in one orientation. Ensure that the key stop on the mid shaft is aligned to the upper shaft.



4. Lock the camlock by pushing the lever towards the shaft.



Attach control box

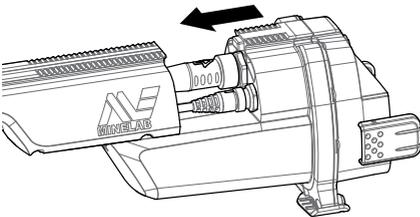


WARNING

PINCH POINTS - CONTROL BOX

Take care when sliding the control box onto the chassis.

1. Slide the control box partly onto the upper shaft. When it reaches half way it will click into place to prevent the control box from sliding while the connectors are fitted.



2. Attach the coil and control panel cables to their respective connectors and firmly tighten the retaining rings.



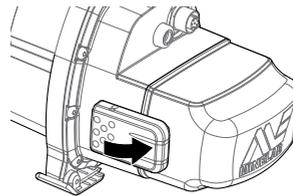
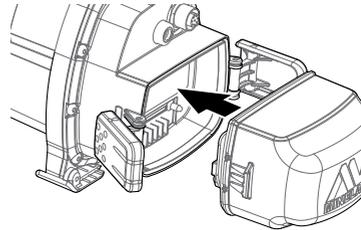
NOTE

To optimise performance, the retaining rings have fine threads for precise fitment. Take care not to cross-thread the retaining rings during assembly.

3. Slide the control box further along the upper shaft until it locks into place.

Attach battery and headphone module

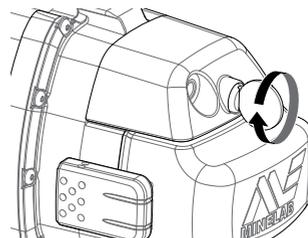
1. Fit the battery pack onto the control box and close the latches to secure it in place.



NOTE

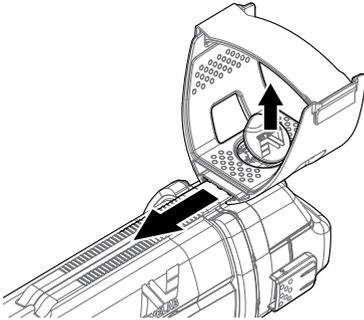
The Lithium-Ion battery pack is supplied partially charged and should be charged for up to eight hours to maximise your first use. See 'Charging Batteries' for information on how to recharge the GPZ 7000 battery.

2. Fit the headphone module onto the control box. Use a screwdriver or coin to gently tighten the bolt, taking care not to damage the thread by over-tightening.

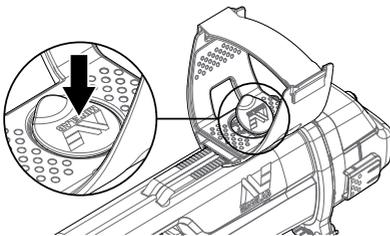


Attach Armrest

1. Lift the armrest lock until it is fully open. Slide the armrest onto the rail on top of the chassis. Ensure that the sloping sides of the armrest face toward the control panel.



2. Slide the armrest along the rail so that it will be positioned comfortably just below your elbow when holding the detector.
3. Push down the armrest lock to secure the armrest in position.



Adjust Armrest Strap

1. Undo the hook and loop armrest strap.
2. Tighten the strap until your arm is secure in the armrest, and fasten.



TIP

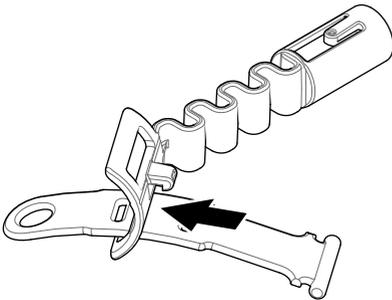
To fit a smaller arm, the strap can be fitted upside down and passed through the armrest three times.

GA 10 Assembly

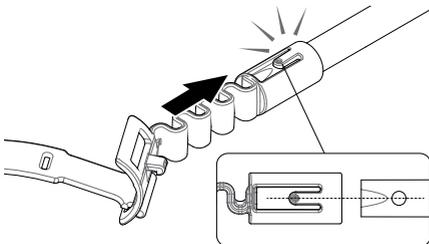
The GA 10 Guide Arm is an optional attachment that helps to reduce fatigue during long detecting sessions. The GA 10 attaches to the mid shaft and features a Flex-link and strap for easy adjustment. A C-clip is included with the GA 10 so that it can be clipped to the detector when not in use.

Assemble GA 10

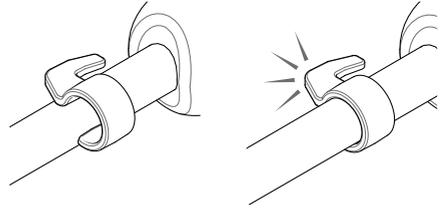
1. Attach the shaft strap to the Flex-link by looping the end of the strap through the narrowest slot. Pull until the strap is captured by the Flex-link.



2. Attach the Flex-link to the GA 10 shaft. Align the holes in the shaft with the key on the Flex-link. Push the Flex-link onto the end of the shaft until it clicks into place.



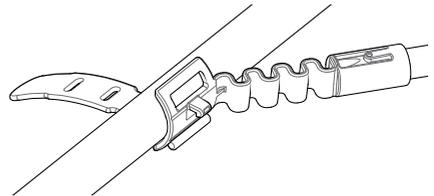
3. Attach the C-clip, with the hook pointing towards the GA 10 handle. Apply firm pressure to snap the clip onto the shaft.



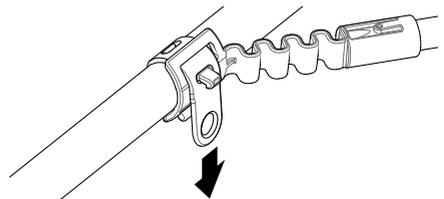
Attach GA 10 to your detector

The GA 10 can be assembled to the detector for left or right handed use. These steps illustrate assembly for a right handed user. For left handed use, perform the same steps with the GA 10 on the left side of the detector.

1. Place the Flex-link approximately half way down the detector's mid shaft.



2. Wrap the strap around the shaft and loop the end of the strap through the slot on the Flex-link. Pull the strap tight until the Flex-link hook is through the first slot on the strap.

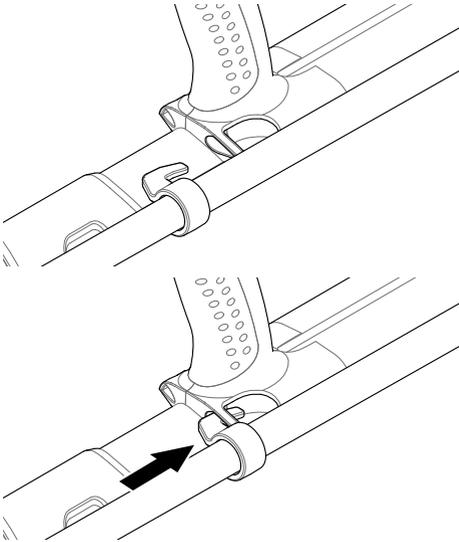


**NOTE**

Adjust the position of the GA 10 on the shaft until it is comfortable when swinging the detector.

Store the GA 10

To clip the GA 10 to the detector, lay the GA 10 shaft parallel to the detector's shaft and slide the C-clip into the guide arm attachment point on the detector.



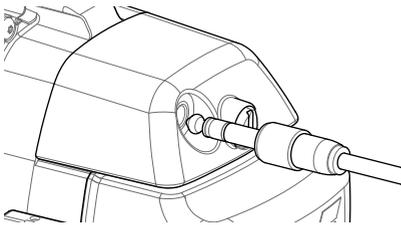
Connecting Headphones

The GPZ 7000 does not have a built in speaker. There are three ways you can listen to audio:

1. Headphones connected to the detector
2. The WM 12 speaker
3. Headphones connected to the WM 12

Detector Audio

To connect headphones directly to the detector, plug the headphone plug into the socket on the headphone module at the rear of the detector.



If using waterproof accessory headphones, you will need to remove the headphone module from the control box and connect the headphones to the exposed headphone socket, remembering to tighten the retaining rings.



NOTE

The GPZ 7000 is not waterproof

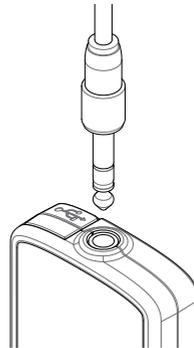
WM 12 Audio



NOTE

If you are using the WM 12 to listen to audio, attach the WM 12 to the same side of your body as the detector, using the supplied belt clip. This will ensure the most reliable wireless signal.

To listen to audio via the WM 12, insert the headphone plug into the WM 12 headphone socket.



The WM 12 must be wirelessly linked with the detector using a wireless connection process to hear audio.

See 'Connecting the WM 12' for WM 12 connection instructions, or refer to your user manual on CD for more detailed information.



NOTE

The WM 12 can be used without headphones, as it has a built-in speaker.

WM 12 Connection and Charging

Ensure that your WM 12 battery is fully charged before you go detecting.

Connecting WM 12

It is only necessary to perform the wireless connection procedure once. After initial connection, the detector and WM 12 will connect automatically when the WM 12 is turned on.

To connect the WM 12 to your detector, navigate to 'Connect WM 12' in the Settings menu and select it to start the guide sequence.



The Connect WM 12 Function

During the guide sequence, a random available channel will be displayed. To change the channel, press the left or right Arrow buttons. Press Select to confirm the channel.

Use the Wireless function on the Settings page to enable or disable wireless. Disabling wireless when you are not using the WM 12 is recommended to conserve detector battery life.



The Wireless Function

NOTE

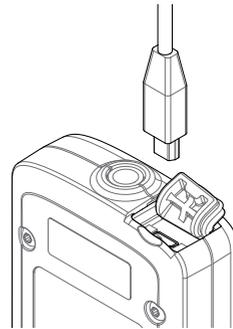


The WM 12 Connection LED may flash red occasionally when the WM 12 appears to be working correctly. This indicates a deterioration in radio communications and is for information only.

Charging WM 12 Battery

The WM 12 contains a rechargeable Li-Ion battery, which can be charged by the Li-Ion battery charger or a standard USB port.

1. Connect the supplied USB cable to the WM 12.



2. Connect the other end of the USB cable to the BC 10 battery charger or directly to a USB port on your PC.

Charging Batteries

BC 10 Battery Charger

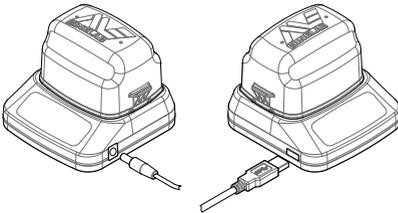
WARNING: Do not immerse the BC 10 charger in any liquid or allow water ingress.

The BC 10 Battery Charger is supplied with your detector and is used to recharge the Li-Ion battery pack.

The BC 10 can be powered by the following:

- The supplied AC plug pack (100-240V AC)
- Typical 12V DC car or 24V DC truck systems. (Using either the cigarette lighter plug cable or direct battery connection cable provided)

A USB connection is provided for charging the WM 12.

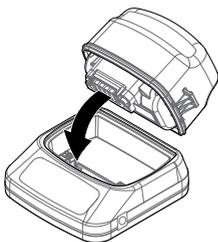


Plug pack, car charger, 12/24V battery terminal connection

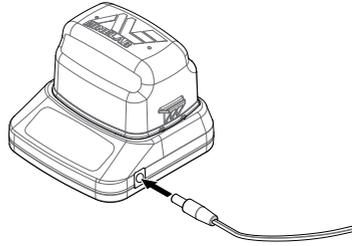
WM 12 charger connection

Recharge the Lithium-Ion Battery Pack

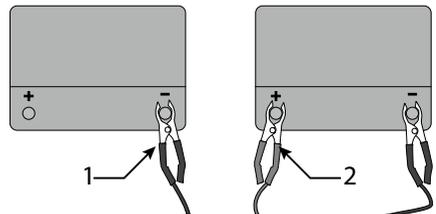
1. Remove the battery pack from the detector and place it into the charger, ensuring that the connector pins align.



2. Insert the plug pack, cigarette lighter or direct connection battery cable connector into the socket on the right hand side of the charger.



3. Plug the other end of the cable into the wall socket and turn on the switch, or plug into the car cigarette lighter socket. If using the direct battery connection cable first attach the black negative (-) clip to the negative (-) battery terminal, and then the red positive (+) clip to the positive (+) battery terminal.



4. Leave the battery to fully recharge. The green indicator light will stop flashing and remain static when the battery is fully charged (this may take up to four hours).

Quick Start

Start detecting quickly with these six easy steps.

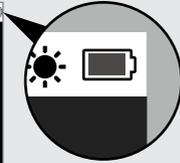
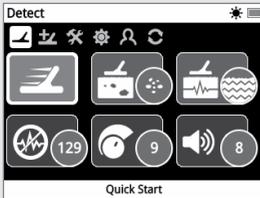
When the detector is turned on for the first time, or following a Reset All, you will be prompted to set the language, the weight and length units, and the time zone before the Detect page will be displayed.

1 Turn On



Press the Power button on the control panel.

Do not press any buttons until the battery indicator is visible in the status bar.



2 Select Quick Start



The first function on the Detect page is Quick Start. It is highlighted by default.



Press Select to start the Quick Start guide sequence.

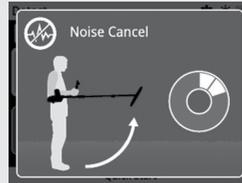
3 Reset Settings

Select 'Reset Audio and Detection Settings' when prompted to select an option.



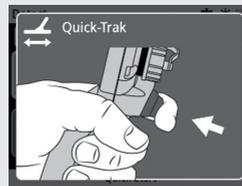
4 Noise Cancel

Carry out Noise Cancel noise reduction by following the guide sequence.

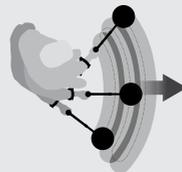


5 Quick-Trak

Carry out Quick-Trak ground balancing by following the instructions displayed on-screen. It is very important to keep the coil as close as possible to the ground, and to sweep repeatedly over the same spot. The audio will quickly become quieter.



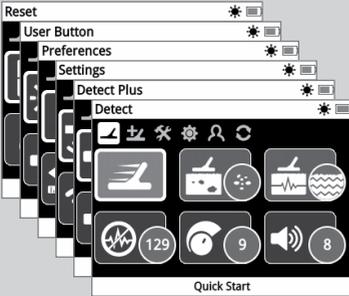
6 Start Detecting



If you experience any difficulties using the detector after changing any settings, run the Quick Start guide sequence again to easily reset the detector and return to detecting.

Take the Field Guide included with your GPZ 7000 when you go detecting for reference.
Read the instruction manual on CD for more information on advanced operation of the detector.

GPZ 7000 Control Panel



Detect

Press to access and scroll through the six Detect menu pages to change the settings of your detector.

Power

Press to turn the GPZ 7000 On/Off
Press and hold (from off) to access the System menu.

Back

Press to return to the previous screen
Press and hold to return to the first page in the menu.

Trigger

Press and hold to activate the Quick-Trak function.



Select (Tick)

Press (from within the menu) to select a menu option or confirm an action.

Now that you have assembled your GPZ 7000 and used the Quick Start guide sequence to begin detecting, there is much more information readily available to help you optimise your detector's performance and learn how to use all of its functions.



Map

Press to access the Map screen and to scroll through the four Map menu pages to change the settings of your detector.

User Button

Press to activate your selected function (default Backlight)

Arrows

Use the Arrow buttons to navigate up, down, left, and right within the pages in the menus.

Store

Press to display the Create GeoData page.

- This Getting Started Guide
- The PRO-SWING 45 Instruction Sheet
- The pocket sized Field Guide
- The detailed Instruction Manual (on supplied CD)

- The XChange 2 software (on supplied CD and downloadable from www.minelab.com)
- The XChange 2 Instruction Manual (on supplied CD)

If you require further assistance or support, please contact your local dealer or Minelab directly.

We wish you great gold success with your GPZ 7000!

