GARRETT®
METAL DETECTORS

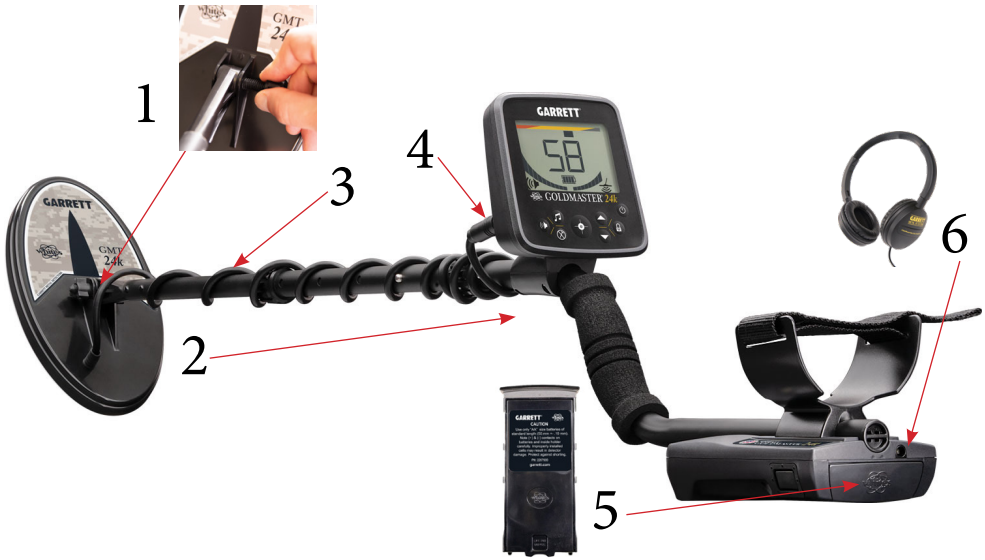
GOLDMASTER® 24k

Prospecting Metal Detector

Quick Start Guide

Visit garrett.com to download full-length *GM24k* User's Manual.

ASSEMBLY

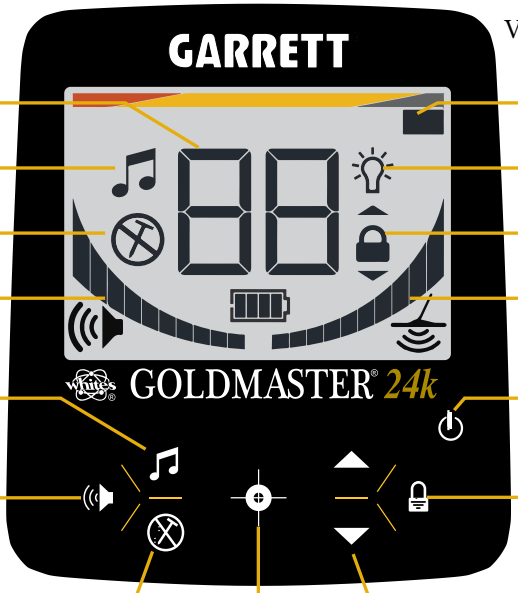


1. Attach the lower rod to the searchcoil. Put rubber washers inside the recess area on the lower stem, then insert bolt and nut.
2. Assemble the three rod sections to best fit your body
3. Carefully wrap and secure the cable around the shaft of the detector
4. Connect the coil cable to the back of the control box
5. Insert the battery pack
6. Insert headphones into back of detector

Garrett Electronics
1881 W. State St.
Garland, TX 75042 USA

White's®
Original *GM24k* detector

GM24k Interface



Target ID #
Higher number,
Better chance of gold

Beep Mode On

Iron Cancel On

Volume Level
SAT/Threshold Level

Audio Mode
SAT +/-

Volume +/-
Threshold +/-

Iron Cancel
Disc LO/HI

Visual Target ID
Ground strength in
Ground Scan mode

Backlight On

TracLock On

Sensitivity

Power On/*Off*
Backlight

TracLock
Ground Scan -
(Press and hold)

Sensitivity
Adjust other settings

Ground-Sync/Exit Setting Selection
Pinpoint (non-motion) - Press and hold

NOTE: Regular text = button TAP
Italic text = button HOLD or Press for one second and release unless indicated to "Press and hold"

FEATURES

1. **SENSITIVITY** - Set the sensitivity at a level that does not result in false signals from the ground. Very strong ground may result in the ☰ symbol on screen and a loud sound - this means the sensitivity is too high.

2. **GROUND BALANCE** - With the default setting, the detector will use XGB to automatically ground balance. Tap 🔒 to lock the ground balance to the current setting. Tapping ⌖ when the ground balance is locked will update the current ground setting to what is under the coil.

3. **GROUND SCAN** - Hold 🔒 to put the detector into Ground Scan mode. The top bar displays the ground strength and the two digit numbers display the ground type (phase). Useful for tracing paystreaks.

4. **IRON CANCEL** - Tap ⊗ to silence hot rocks, trash and mineral changes in both audio modes. Hold ⊗ to adjust the Iron Cancel setting (tap the 🔒 button to cancel high-wrap hot rocks). Note that this setting may decrease the detector's sensitivity to very small gold, but is necessary in difficult ground conditions.

5. **VOLUME and THRESHOLD** - Tap 🔊 to adjust the volume with the up and down buttons. Press and hold 🔊 for one second to adjust the threshold with the up and down buttons ("th" displays on the screen). With the volume at levels over 8 you can enable Boost 1 and Boost 2 for maximum sensitivity.

6. **AUDIO MODE** - With the ♫ displayed on screen, the detector is in "BEEP" audio mode (high tone = good target, low tone = bad target). The default setting (without ♫ on screen) is a traditional All-Metal audio mode with greater sensitivity to small targets.

7. **SAT** - SAT can smooth out ground inconsistencies. Press and hold ♫ for one second to adjust it ("Sa" displays on screen, 2 is the default setting).

8. **PINPOINT** - Hold ⌖ for non-motion pinpoint mode. In difficult ground this mode may be affected by mineralization.

9. **BACKLIGHT** - Tap ⏻ to enable the backlight (this reduces battery life).

10. **FREQUENCY SHIFT** - Hold ⊗ when turning the detector on to shift frequency (useful when there is EMI). Use ▲ and ▼ to change frequencies. Power off to save the selection.

11. **FACTORY RESET** - Hold ▼ when turning on the detector. Press and hold ⌖ button when "Fd" is on screen to reset the machine to factory default.

FCC COMPLIANCE

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions.
1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.
CAUTION: Changes or modifications not expressly approved by Garrett Electronics, Inc. could void your authority to operate this product.

CE COMPLIANCE

This device operates within the following frequency range and maximum power output:
(a) Frequency band in which the radio equipment operates - 46.696kHz - 47.904kHz
(b) Maximum radio-frequency power transmitted in the frequency band in which the radio equipment operates: 21.57 dBuA/m
The above frequency range and power output is consistent with test report results.

Quick Start