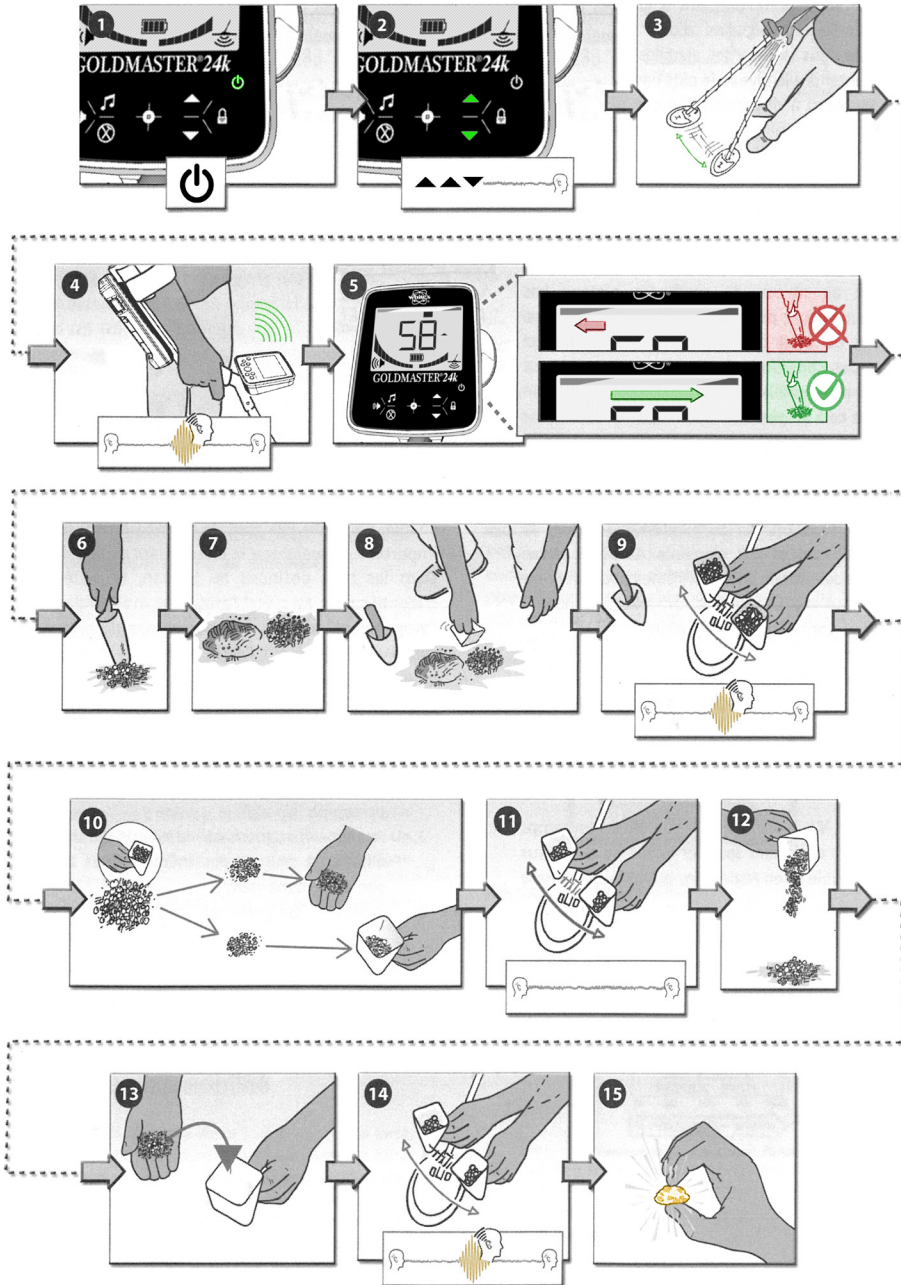


# QUICK START



# GOLDMASTER<sup>®</sup> 24k OWNER'S GUIDE



## GOLD NUGGET DETECTOR *with XGB Technology*

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# GOLDMASTER<sup>®</sup> 24k ASSEMBLY

- ① Attach the lower rod to the search coil - washers inside coil ears, then bolt and nut
- ② Assemble the 3 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 pod
- ⑤ Insert the battery pack
- ⑥ Insert headphones to the back of the detector



## DISPLAY/CONTROLS

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*

Sensitivity  
Adjust other settings

Ground Grab/Exit Setting Selection  
*Pinpoint (non-motion)*

## FEATURES

**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.

**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.

**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.

**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.

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

**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.

**SAT** - SAT can smooth out ground inconsistencies. Hold to adjust it ("Sa" displays on screen, 2 is the default setting).

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

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

**FREQUENCY SHIFT** - Hold when turning the detector on to shift frequency (useful when there is EMI). Power off to save the selection.

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

NOTE: Black REGULAR text = button TAP, *Blue ITALIC text = button HOLD*

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# XGB TECHNOLOGY

**XGB TECHNOLOGY** is a patent-pending automatic ground balance system. It is purpose-built for operating a high-frequency VLF gold nugget detector in difficult ground conditions.

Traditional VLF detectors struggle to balance rapidly changing ground mineralization and hot rocks.

With XGB technology, the Goldmaster 24k is able to track small changes in soil composition as well as longer-term shifts in both ground phase and strength. This allows it to operate in ground that traditional VLFs struggle in.

Users have extended control over the range of XGB in the Goldmaster's All-Metal mode. Simply enable Iron Cancel to expand the ground filter in moderate soils. In very challenging soil conditions, hold the Iron Cancel button and select a higher setting for maximum performance in variable ground.

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## SPECIFICATIONS

DETECTOR TYPE	GOLD NUGGET/PROSPECTING
FREQUENCY	48KHZ
WEIGHT	3.6 LBS WITH BATTERIES
LENGTH	45 INCHES TO 55 INCHES, ASSEMBLED
BATTERIES	8AA
BATTERY LIFE	20-40 HRS
SEARCH COIL	6X10 DD, OPTIONAL 6" CONCENTRIC
IP RATING	IP 54 (RAIN/DUST RESISTANT)
AUDIO	SPEAKER OR 1/4" HEADPHONE
GROUND BALANCE	XGB AND TRACLOCK
WARRANTY	2 YEAR TRANSFERRABLE
UNIQUE FEATURES	GROUND SCAN, ALL-METAL DISC.
OPTIONAL COILS	GM24K SERIES

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# WARRANTY

If within two years (24 months) from the original date of purchase, your White's detector fails due to defects in either materials or workmanship, White's will repair or replace, at its option, all necessary parts without charge for parts or labor.

Simply return the complete detector to the Dealer where you purchased it or to your nearest Authorized Service Center. The unit must be accompanied by a detailed explanation of the symptoms of the failure. You must provide proof of the date of purchase before the unit is serviced under warranty.

This is a transferable manufacturer warranty that covers the metal detector for two years from the original date of purchase, regardless of the current owner.

Items excluded from the warranty are non-rechargeable batteries, accessories that are not standard equipment, shipping and handling costs outside the continental USA, special delivery costs (Air Freight, Next Day Air, 2nd Day Air, packaging service, etc.) and all shipping and handling costs inside the continental USA 90 days after purchase.

Only authorized service centers can make repairs. This warranty does not cover damage caused by accident, misuse, neglect, alterations, modifications, unauthorized service, or prolonged exposure to corrosive compounds including salt. Duration of any implied warranty (e.g., merchantability and fitness for a particular purpose) shall not be longer than the stated warranty. Neither the manufacturer nor the retailer shall be liable for any incidental or consequential damages.

Some states do not allow limitations on the length of implied warranties or the exclusion of incidental or consequential damages. Therefore, the above limitations may not apply to you. In addition, the stated warranty provides specific legal rights and you may have other rights, which vary from state to state.

The forgoing is the only warranty provided by White's as the manufacturer of your metal detector. Any "extended warranty" period beyond two years, which may be provided by a Dealership or other third party on your metal detector, may be without White's authority, involvement, and consent, and may not be honored by White's Electronics, Inc

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## 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 White's Electronics could void your authority to operate this product.

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## 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.

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