



Control Board

The keys on the Golden Rain control board provide control of display illumination, volume adjustment, mode changes and other functions.



1 Up Arrow

When you press the key in the Ground Balance / General Search / Discrimination modes, the menu opens. It allows you to navigate in the menu. To get the estimated depth of the finding, you can switch to "Depth Calculation" by holding down the key.

2 Down Arrow

You can enter the "Language Selection" menu and change the language option when you press and hold for 2 seconds in General Search and Split mode.

3 Verification Button

After the ground balance is completed, it switches to General Search section. In General, it will switch between Discrimination - General Search sections. Press and hold for 2 seconds to return to ground balance.

4 Minus Button

Decreases the value of the ground when making the Ground Balance. Decreases the value in the selected menu (including Depth Calculation).

5 Plus Button

Switches to the Smart Line section when pressed for 2 seconds in the General Search and Discrimination sections. Increases the ground value in ground balance.

How is the Control Unit Protected?

Prevent water leakage in the control unit in rainy weather. Water droplets that may leak in the system may cause short circuit. After your work is finished, clean the control unit with a dry cloth.



1. Prevent water leakage in the control unit in rainy weather. Water droplets that may leak in the system may cause short circuit.
2. Protect the control unit from hard impact
3. Keep the LCD screen from hard objects.
4. Please do not drop your device.
5. Do not operate the appliance if you think there is water inside it.



Switching on the device

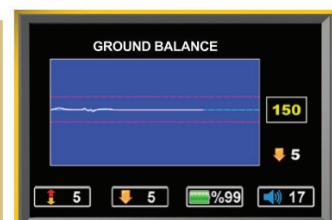
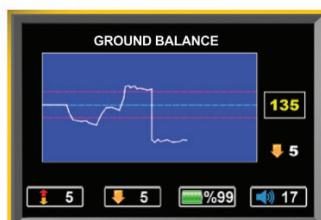
Turn on the detector by pressing the button and open the coil 40 cm above the ground.



Ground Balance



After opening the device at 40 cm height in Ground Balance and the coil is lowered to 10 cm; if the breakage is upwards, press button and downwards, press button to change ground value. After moving the coil to 40 cm height and press reset switch and lower the coil at 10 cm again. If the moving line does not go out of the fixed lines, the ground balance is completed; if the moving line goes out of the fixed lines, repeat the above procedure



Information



- * Poor signals received during a search indicate that the ground is not balanced correctly.
- * If the device still gives signal despite resetting, ground structure may be changed.
- * If the zone in which the ground balance is made (e.g. the setting on the rock may not be the same in the ground), update the ground setting.
- * If you cannot balance the ground, change the zone 2-3 m and try again in case there is a metal or gap in the ground.
- * Adjust the "Depth" setting to the level that is not affected by the interference, so that no interference from the signals occurs in the areas where the ground balance is not maintained.

GENERAL SEARCH MODE

After completing the ground balance process, move onto general search section by which we can make metal, cavity, and mineral detection. If the fixed line bends upwards, it means metal, if it bends downwards; there is mineral or a gap. 

The right bars begin to increase when you detect the metal, while the left bars begin to increase when you detect minerals and gaps. To find out what the detected finding is, please go to the Discrimination section by pressing the verification button. 



Information

- * After the ground setting, use the general search section. After making a detection, you can learn what the finding is (Gold, Steel, Ferrous, Non-ferrous, Space, Mineral) by going to Discrimination section.
- * You will decrease the "Sensitivity" setting while you are searching and eliminate weak signal or interference type signals

DISCRIMINATION MODE

* Press the verification  button to switch from General search mode to Discrimination mode.

You can find out what the finding (Gold, Ferrous, non-ferrous, Steel, Space, Mineral) is the finding that you have detected in the General Search section. Discriminate the finding by resetting the reset switch by pulling down the search coil on the finding. The information on the screen is indicated by text, sound, icon, and bar. Right bars increase for gold, ferrous, nonferrous and steel; left bars increase when space or mineral is detected.

The signal strength varies depending on the size and depth of the detected finding. At weak signals (weak signals are signals of 1 bar) the discrimination performance may be weakened.

If you do not want to see ferrous and mineral detections in discrimination mode, activate the iron reject.

Press the verification  button again to return to the General search section.

Please do not approximate the search coil to large

metals on the surface as such a test method is not appropriate. The grade of gold cause change in the setting due to copper and silver content and lost its purity therefore gold of 8 and 24 grade may be found in the ground.

Golden Rain is designed to find 22 grade and above gold. Gold between 8 and 20 carat may not be called as gold. It may also be difficult to see small diameters of 22 grade gold. Small coil of the Golden Rain may detect smaller gold particles and nickel, galvanized, sheet metal, thick lead metals or coatings as gold (the confinement period of this metal in the ground, depth, thickness, diameter, soil structure may affect the discrimination.)

Golden Rain is a detector designed to find natural or artificial spaces under the ground. It cannot give the depth information of the detected space. The width and length of the space are marked as the place where the space signal begins and ends

Caution!

When the search coil is approximated to thick and large steel metal parts on the ground, your detector may give a gold signal, and if the same metals are buried in the ground, Golden Rain will make a more stable distinction in this metal.



STEEL DISCRIMINATION

High discrimination in steel type metals. It is a discrimination mode that can be used to detect rusty tin, horseshoes and horse nails buried in the ground.



CAUTION !

Steel is the state of iron being obtained by rapid or slow cooling after heat treatment. Heat-treated iron is cooled with water, oil and air. Steel is a hard metal. Traditional metal detectors can discriminate steel as non-ferrous metal or gold. Users of metal detectors usually find nails, horseshoes, tin, metal parts. The metal detector can allow you to discriminate steel according to the structure of the steel (size, thickness, and distance to the coil under the ground).

IRON REJECT



When you activate the iron reject mode, the device will only detect Gold, Steel, Non-Ferrous and Space.

DEPTH CALCULATION



To calculate the length and width of the signal, measure signal from the first place to the end of it (width) and repeat the same for the other part (length). Upon determination of the sizes, press button for 2 seconds and open depth calculation section. Choose the nearest dimensions to those you have estimated. The depth will be calculated automatically and depending on the depth, there is 10 and 50 cm margin or error.