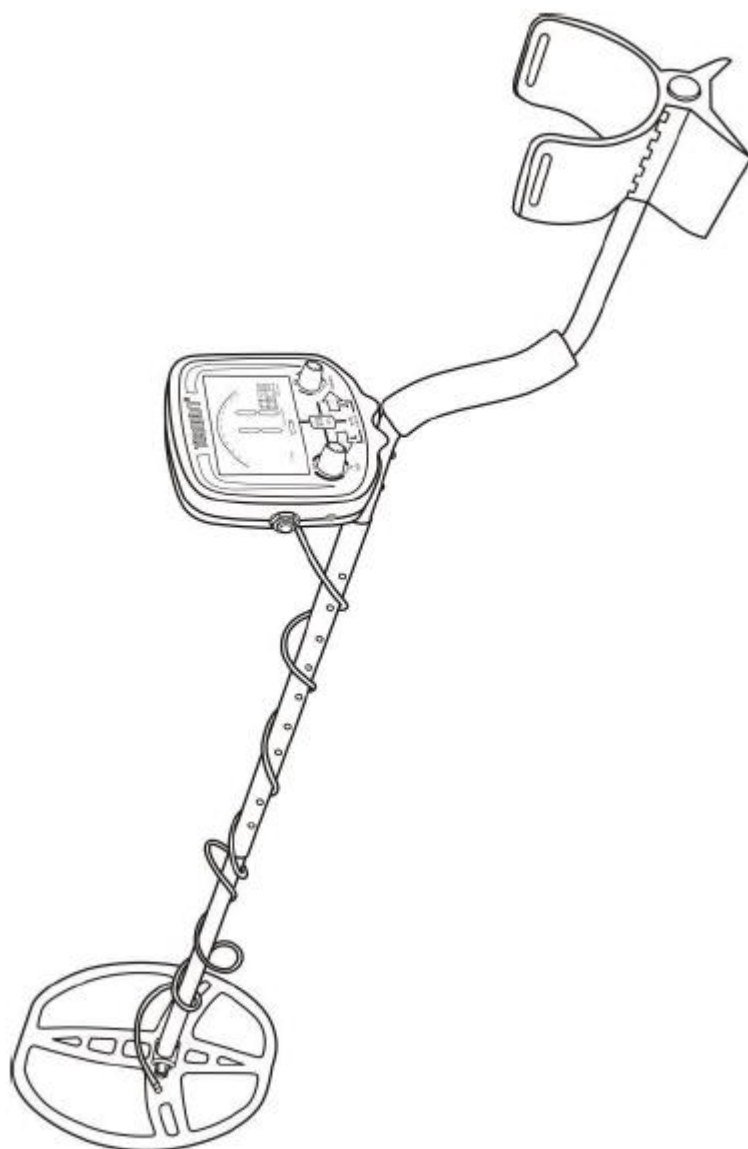




USER MANUAL – EN

IN 22123 Metal detector inSPORTline Skagway



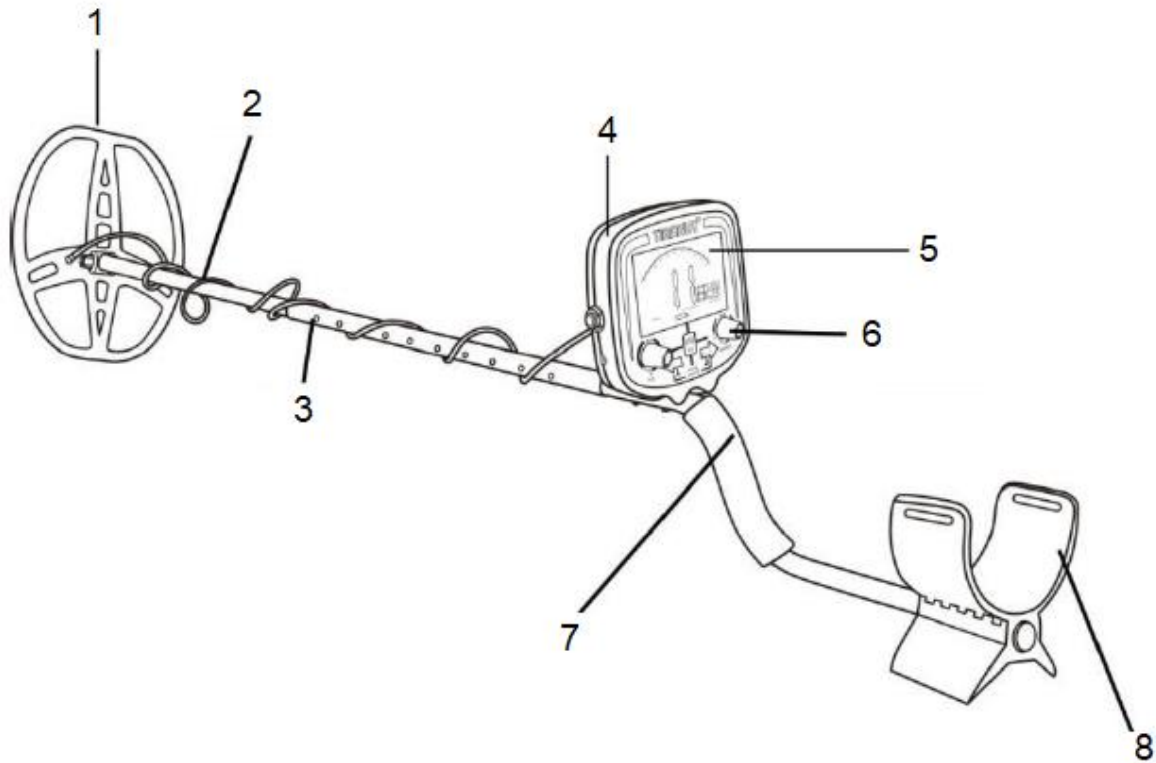
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SAFETY INSTRUCTIONS

- For outdoor use only.
- Powered by a 9V alkaline battery.

PRODUCT DESCRIPTION



1. Coil
2. Rod
3. Pin
4. Console
5. LED display
6. Buttons
7. Handle
8. Arm rest

TERMINOLOGY

ELIMINATION

The term metal being eliminated means that the detector will not emit an audible signal, nor will the LED display specified metal that is under the coil.

DISCRIMINATION

The function where the detector emits different sound signals for different types of metals and eliminates specified types of metals, which is called discrimination.

Discrimination is an important feature of all professional metal detectors because it allows the user not to detect unwanted objects.

RELIC

The relic is item of interest because of its age or historical value. Many relics are made of iron, but also of bronze or other precious metals.

IRON

Iron is a common metal of low quality, which is an undesirable item. Common examples of this ferrous scrap are old cans, pipes, screws, and nails.

In some cases, an iron object may be the target of a find, e.g., valuable relics may be made in part of iron, cannonballs, ancient weapons, and parts of ancient structures and tools.

FERROUS

Metals that are made of iron or contain iron.

PINPOINTING

Pinpointing is a function that allows you to find the exact location of hidden objects. Deep hidden metal objects can look like soil and can therefore be badly detected.

PULL-TABS

Discarded eyelets from beverage cans are unwanted items for treasure hunters. They come in many different shapes and sizes. Although these eyelets can be discriminated, with this discrimination setting you can also lose valuable objects that have a similar surface conductivity.

V.C.O. (VOLTAGE CONTROLLED OSCILLATOR)

V.C.O. is a sound method that causes both sound intensity and volume to increase as signal strength increases. V.C.O. improves the user's ability to determine target size and depth. Very weak signals (small or very deep hidden objects) have the lowest volume and lowest intensity. Large objects and objects close to the coil will be announced by loud tones of high intensity.

GROUND BALANCE

This is the detector's ability to ignore common minerals in the soil and respond only to hidden metal objects. The device has its own circuits that reduce the possibility of false signals in highly mineralized soils.

ASSEMBLY

No special tools are required for assembly.

SEZNAM ČÁSTÍ



1. Console and arm rest
2. Rod
3. Two washers, nut and bolt for the coil
4. Coil 8.5"x11"

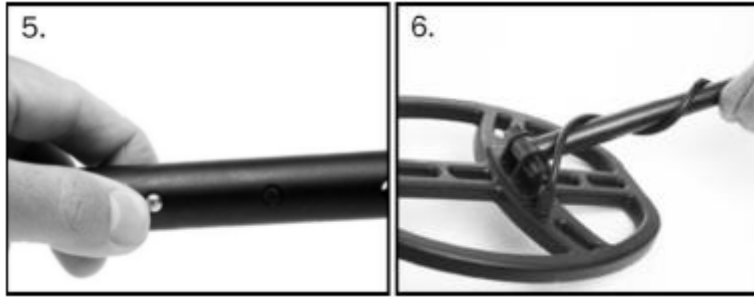
1. Attach the nuts to the holes on the stem on the bottom of the rod.
2. Align the stem and coil holes.



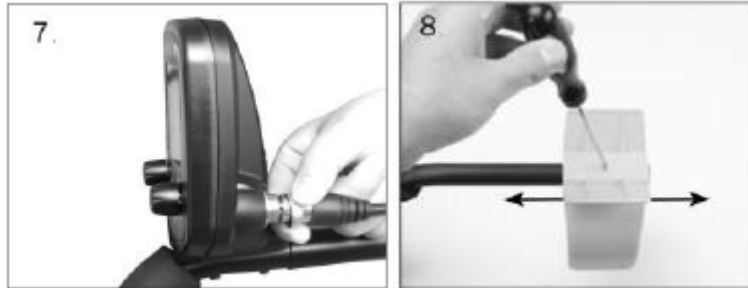
3. Align the stem and coil holes. Connect the coil and stem with a bolt and nut.
4. Use the pin to connect the upper and lower rods.



5. Adjust the total length of the bar using the pin and holes.
6. Wrap the coil cable around the stem and then along the rod.



7. Connect the cable to the console and tighten by hand.
8. Adjust the armrest with the bolt.



BATTERY

The detector is powered by a 9V alkaline battery.



- Use only alkaline batteries.
- Rechargeable batteries can be used, but we do not recommend using them.
- To replace the battery, remove the battery cover on the back of the console.
- Battery life: Classic battery: 15 – 20 hours
 Rechargeable battery: ca. 8 hours
- If the battery level is low, the speaker volume will decrease.
- Battery indicator:

3 segments	more than 8.4 volts
2 segments	more than 7.5 volts
1 segments	more than 6.8 volts
1 segments – flashing	less than 6.8 volts

*Values are for a 9 volt alkaline battery.

*If the last segment starts flashing, expect the switch-off within 10 minutes.

*If you use rechargeable batteries, the effective use is for 3 - 2 segments.

TEST

Position the detector so that the coil is over the edge of the wooden table or ask another person to hold the detector so that the probe is above the ground.

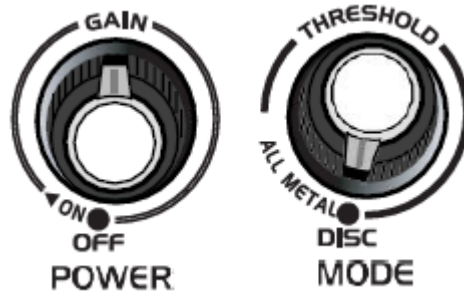
Keep the probe away from walls, floors, and iron objects.

Remove all jewelry, watches, rings, etc.

If possible, switch off all electrical appliances that may disturb the test by the electromagnetic field.

Set the left knob (GAIN) to 12:00.

Set the right (DISC) knob to the left.




Move the nail in front of the coil. Press the + button repeatedly while moving the nail before the coil. Notice the change in the beep. The sound changes from high to low.

Move the coins in front of the coil. Coins are the most frequently sought-after find. Notice the tones and the 2-digit number. The object must be moving for the coil to detect it.

Set the DISC value to 60. If you now try to detect a nail, the coil will ignore it.



Press and hold  button and place nickel in front of the coil. Note that no movement is required. An object without movement is announced by a humming sound. Note the different intensity and volume of the sound. Move the nickel in front of the probe, notice the changing depth.

Use the MODE knob. The detector switches to the mode where it detects all metals. Set the GAIN knob to 12:00 o'clock. Slowly turn the THRESHOLD knob counterclockwise.

You will not hear any sound at low setting.

In the middle setting, there will be a transition between no sound and low sound.

At full setting, you will hear a constant loud sound. You may hear the effect of the electromagnetic field.

HEADPHONES

The detector is **provided** with a 1/4 "jack. Use stereo headphones. Use headphones to extend battery life. You can hear better small changes in tones with the headphones.

WARNING: Do not use headphones near roads or in high-traffic areas.

BASICS OF METAL DETECTING

GROUND MINERALS

All soils contain minerals. Signals caused by minerals can interfere with signals from metal objects you want to look for. Soils are different and can vary significantly in the type and amount of minerals contained. Always set the detector according to your requirements for the objects and location you are looking in. The detector has the ability of automatic and manual adjustment of the tuning of the influence of soil minerals and thus the elimination of false signals caused by most soil types. If you want to maximize the detector's ability to identify targets and depths, use the GROUND GRAB feature to adjust the detector to the soil you are in. For more information, read the chapter SOIL COMPOSITION.

TRASH

If you are looking for coins, you want to ignore objects such as nails and aluminum foils, etc. These unwanted objects are generally detected with a lower number on a scale of 0 - 100. The two-digit number in the center of the display will also help you better identify the metal in DISCRIMINATION mode.

IDENTIFICATION OF BURDEN OBJECTS

Different metals are divided according to type on a two-digit scale 0 - 100 which is in the middle of the display. The two-digit number will help you better identify the metal in DISCRIMINATION mode.

SIZE AND DEPTH OF BURIED OBJECTS

In DISC mode, the probable depth of the object is displayed. The depth is shown on the left side of the display next to the SIGNAL STRENGTH). Use the PINPOINT mode for more accurate determination. PINPOINT displays the current depth in inches. It is not necessary to move the coil in PINPOINT mode. The ability to search for objects without the need for constant movement will allow you to find the object more precisely.

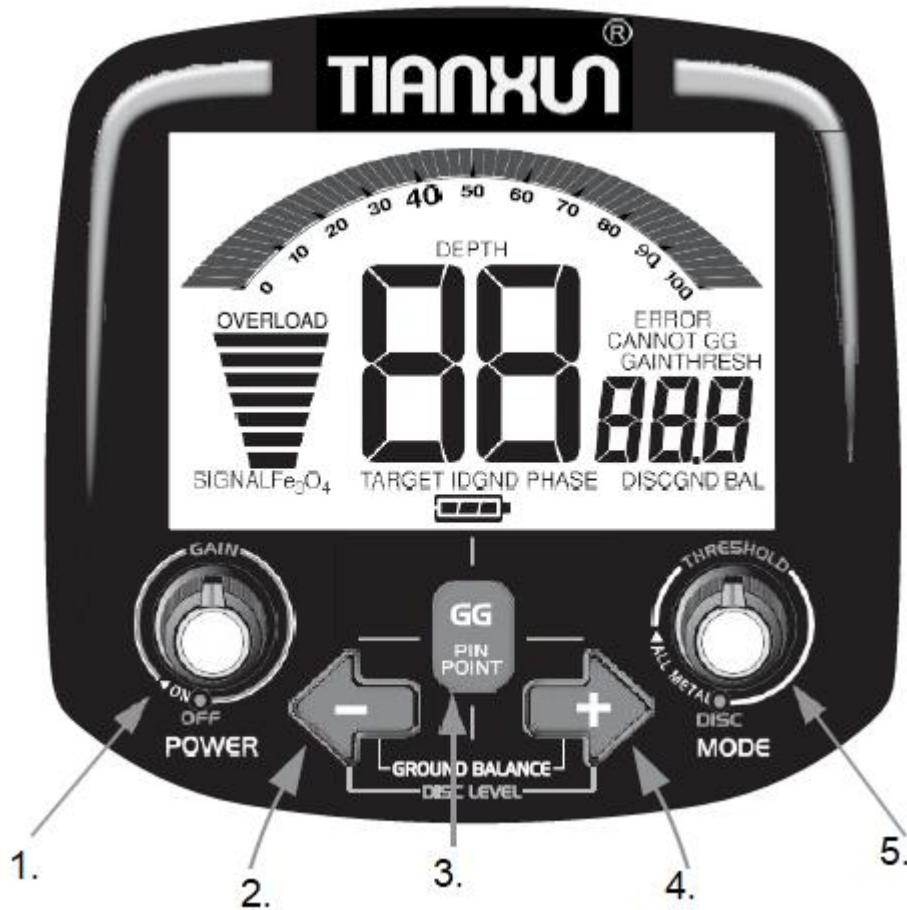
ELECTROMAGNETIC INTERFERENCE (EMI)

Electromagnetic interference can cause various metal detection faults, spontaneous signal interruptions or sudden sounds. Common sources of electromagnetic influences are electro-communication objects such as mobile phones, lamps, radars, computers, or other detectors.

The best protection against EMI is to reduce GAIN or THRESHOLD. Decreasing the sensitivity will result in a reduction in depth detection but will also reduce the effect of EMI on the coil.

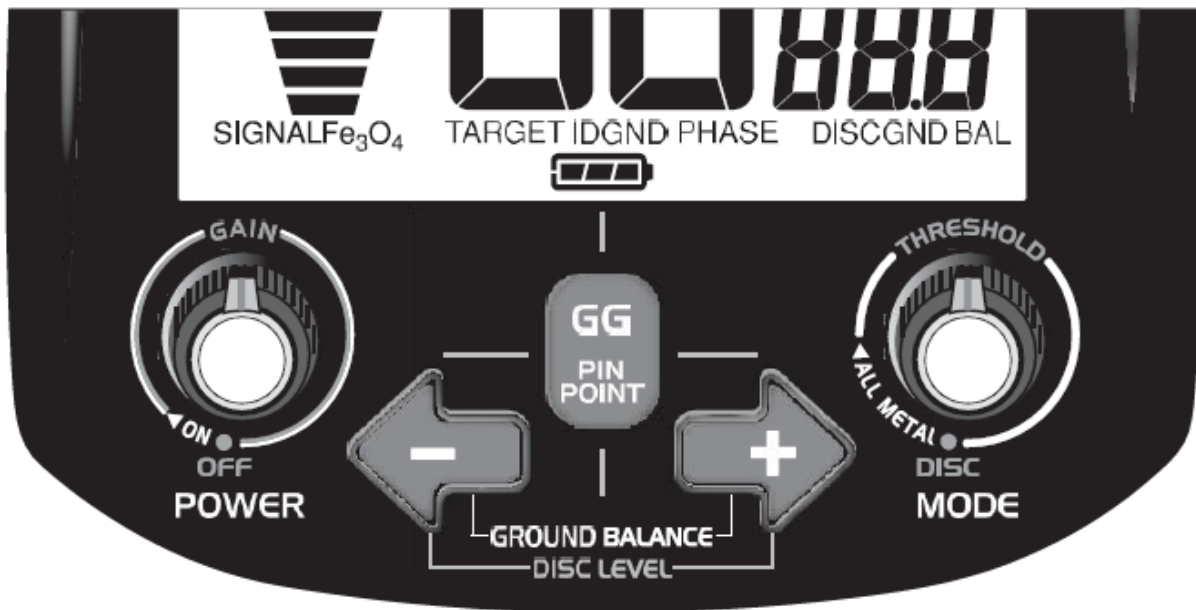
OPERATION AND CONTROL

Use the left knob to turn on the detector. Then use the knob to increase the sensitivity in DISC mode or GAIN in ALL METAL mode. We recommend that you keep the GAIN below 70 until you gain the necessary knowledge and experience.



1.	<p>ON / OFF / GAIN</p> <p>Start / stop: turn the knob in the direction of the arrow to start the device, you will feel a click. To switch off, turn in the direction of the arrow, you will feel a click again</p> <p>DISC mode: turn to set GAIN (sensitivity) from 1 to 100.</p>
2.	Navigation arrow or decrease setting value
3.	<p>DISC mode: press and hold to start PINPOINT mode</p> <p>ALL METAL mode: Press and hold to adjust the balance of the soil composition</p>
4.	Navigation arrow or increase value
5.	<p>Metal detection mode and settings</p> <p>Turn the knob to the left for DISCRIMINATION mode</p> <p>Turn the knob to the right for ALL METAL mode</p> <p>Turn the knob in ALL METAL mode to set the metal detection sensitivity from -40 to 40.</p>

BUTTONS



<p>OFF / ON / GAIN</p>	<p>Turn the knob to the right to start / turn to the left to turn it off</p> <p>Turning the knob clockwise will increase the sensitivity of the detector, the higher the sensitivity, the greater the chance of finding a smaller object or an object that is deeper. However, with higher sensitivity, there is a greater chance of signal interference by the electromagnetic field</p> <p>Turning the knob increases the GAIN value on the bottom right of the display</p> <p>DISC sensitivity: the left knob is labeled GAIN and controls the sensitivity in DISCRIMINATION mode</p> <p>GAIN in ALL METAL mode: In ALL METAL mode, GAIN is increased by turning clockwise</p> <p>THRESHOLD is controlled independently by the right knob</p>
<p>DISC / ALL METAL / THRESHOLD</p>	<p>Use the left DISC knob to enter DISCRIMINATION mode</p> <p>Use the right button to enter ALL METAL mode</p> <p>In ALL METAL mode, turn the knob to increase the THRESHOLD value from -40 to 40</p> <p>In ALL METAL mode, TRESHOLD can be set in two directions</p>

GAIN vs THRESHOLD

GAIN – controls the signal strength, increase the signal to detect deeper objects or small objects

THRESHOLD – controls the audio signaling of the detector, positive values increase the volume of the audio signal for worst detected objects, negative values decrease the volume of audio signals

For searching for objects with maximum sensitivity: First, reduce the GAIN value to a low value. Then set THRESHOLD to a positive value with comfortable audio signal volume. Then slowly increase the GAIN value to the limit where you will not be disturbed by a constant audio signal.

To search for objects in silent mode: Set the THRESHOLD value to negative values and, if necessary, decrease the GAIN. Searching in silent mode is likely to reduce sensitivity.

TOUCH CONTROL

GG / PINPOINT	<p>The button has two functions according to the mode of operation:</p> <ol style="list-style-type: none"> a. In DISC mode, press and hold the PINPOINT start button PINPOINT temporarily starts searching for objects without having to move the coil. Any metal detected by the coil will make a sound. PINPOINT is generally used to verify a finding that you found in DISCRIMINATION mode. b. In ALL METAL mode, press and hold the GROUND GRAB button GROUND GRAB allows you to adjust the sensitivity of the detector to metals and minerals contained in the soil. Different soil types have different compositions.
+ and -	<p>In DISCRIMINATION mode, you can adjust the sensitivity of the coil to various metals</p> <p>In ALL METAL MODE you can set different sensitivity to soil composition</p>

CONTROL IN ALL METAL MODE

This mode is more sensitive than DISCRIMINATION mode and is used to find all metal objects in the soil. The coil must be in motion to find objects.

GROUND GRAB (GG)

Naturally occurring minerals in the soil appear as metals for the coil.

Before using the detector, set the ALL METAL mode and start the automatic detection of the soil composition. Press and hold the GG button as you move the coil up and down. Release the button as soon as the sound stabilizes. The GND BAL value is displayed in the lower right corner of the screen. Different soils require different values, so always run the GROUND GRAB function first before searching.

SETTINGS

During settings, the values in the lower right corner of the screen change.

If you are familiar with the detector, set GAIN and THRESHOLD to lower values so that you do not hear loud noises or unwanted noises. Set GAIN to 12:00 or less. Adjust THRESHOLD so that you can hear soft sounds in the background or to a position where there is no steady sound.

UNWANTED SOUND NOTIFICATIONS

This device is very sensitive, unwanted notifications can be caused by electromagnetic interferences caused by electrical devices.

COIL MOVEMENT

Move the coil parallel to the ground and in one level. Avoid lifting the coil while searching for objects.

READING THE DATA ON THE DISPLAY

Most objects are found using sound signals, where the object is distinguished by sound signal.

Notice the Fe₃O₄ scale on the left side of the display.

This scale indicates the values of minerals in the soil. Most black sand is made up of magnetite.

Golden nuggets are most often found in concentrated black sand deposits.

For the best results for finding objects in highly mineralized soils, we recommend setting the ALL METAL mode. For the most accurate measurement of Fe₃O₄, we recommend adjusting the soil composition of GROUD GRAB. As the coil moves, notice the GND PHASE value in the center of the display. GND PHASE indicates the type of minerals in the soil. If the GND PHASE and GND BAL (GROUND GRAB) values are significantly different, we recommend performing a GROUD GRAB again.

If you do not set any value using the knobs, the GND BAL value will always be displayed in the lower right corner.

GND BAL is an internal setting for soil composition and is shown in the lower right corner of the display. The original value is 82.9 which is the best starting point.

After performing GROUND GRAB, the GND BAL value changes according to the soil composition.

You can also set the GROUND BAL using the + and - buttons. See the SOIL COMPOSITION chapter for more information. Experienced users prefer to set GND BAL to a value where they receive only a weak steady signal and thus be able to better distinguish a possible item. Adjust the value above with the + button.

TARGET SCALE

The arc scale at the top of the display classifies metal objects. Each time an object is detected, the scale indicators light up. The segments will be displayed for 3 seconds. Identification shows the probable composition of the object. For more information, read the METAL IDENTIFICATION chapter. The object is identified by an ID number. If you find an object in ALL METAL mode, we recommend switching to DISCRIMINATION mode for more accurate identification using a two-digit ID number.

CONTROL IN DISCRIMINATION MODE

This mode is used to eliminate objects that are not the target of the findings, such as nails, foils, and other scrap metal. The coil must be in motion for detection. DISCRIMINATION mode is less sensitive to small objects or objects that are deeper.

GROUND GRAB (GG)

This function cannot be set in DISCRIMINATION mode. To set GG, you must switch the detector to ALL METAL mode. The settings are also transferred to DISCRIMINATION mode.

SETTINGS

During setup, the values in the lower right corner of the screen change.

GAIN

If you are a beginner, start with a lower value so that you do not hear any sounds as the coil moves. Set the knob position to 12:00 or less.

In this mode, GAIN sets the sensitivity. The higher the value, the deeper hidden objects can be found and the more the detector responds to small objects.

MODE

This knob is not used in this mode. Turn the knob counterclockwise as far as it will go. Turn the knob to change the mode from DISCRIMINATION to ALL METAL.

DISC

Use the + and - buttons to adjust the DISC value to eliminate unwanted metal objects. Using the buttons changes the value by 1, holding it increases the values faster. A higher value eliminates unwanted metals, a lower value includes more metals.

See the METAL IDENTIFICATION chapter for more information.

UNWANTED SOUND NOTIFICATIONS

This device is very sensitive, unwanted notifications can be caused by electromagnetic interferences caused by electrical devices.

COIL MOVEMENT

Move the coil parallel to the ground and in one level. Avoid lifting the coil while searching for objects.

PINPOINT

Press and hold the PINPOINT button to narrow the area of the found object. PINPOINT is a detection mode that does not need a moving coil.

As soon as an object is found and the coil is not moving, the detector will make a humming sound, the volume and tone will change with the distance of the found object.

The approximate depth in inches appears on the display. The depth is calibrated depending on the coin-sized items.

When you release the button, you return to the DISCRIMINATION mode, where you need to move the coil. If you hold down the PINPOINT button for a long time, the sound may be more distorted. If you plan to search for objects using PINPOINT mode, we recommend that you release and press the button repeatedly. More information can be found in the chapter PINPOINT. This feature is important because some metal objects can be detected as soil minerals due to oxidation and can be more difficult to identify.

READING THE DISPLAY

TARGET ID

Each time the detector detects metal in the soil, a two-digit number appears in the center of the display. At the same time, the metal type is displayed using the three identification segments on the upper indicator. See the METAL IDENTIFICATION chapter for more information.

TARGET SCALE

The top arc indicator identifies the type of metal. Each time a metal is identified in the soil, the type of metal is identified using three segments. The segments are displayed for 3 seconds. Identification is for guidance only. See the METAL IDENTIFICATION chapter for more information.

SIGNAL

Each time metal is detected, the signal strength is displayed by 7 segments on the signal indicator. If the signal is strong, it may mean that it is a larger object or object close to the surface.

If the signal is weak, it may mean that the object is smaller or deep below the surface.

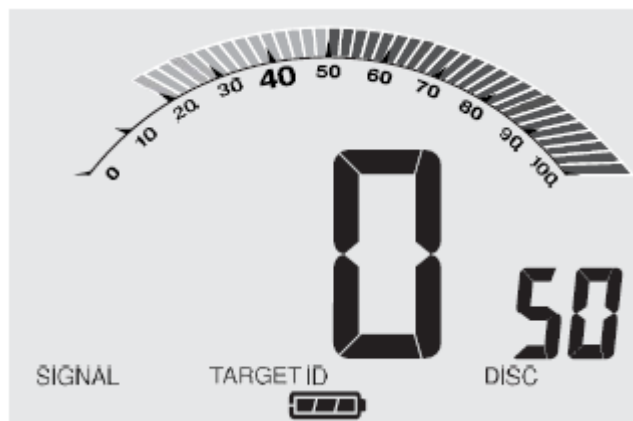
If the object is deep and probably smaller in size, you can narrow the identification using the PINPOINT function.

In DISCRIMINATION mode, you can use the + and - buttons to change the parameters:

1. Tone Identification
2. Target Elimination

If you change the DISCRIMINATION value, the color of the segments on the display changes.

1. Blank (no segment displayed)
2. Gray
3. Black



The segments will be displayed if you set them using the + and - buttons. The setting will be displayed with a pointer. During the search, you can view the settings in two ways:

1. The DISC value is always displayed in the lower right corner. This value is the lowest allowed value for metal detection.
2. Press the + or - button to display the currently set parameters. Press the + or - buttons to change the value by 1.

As soon as an object is detected, the segments light up according to the probable type of metal.

DISC values up to 40:

- Metal detection is only audio, no objects are eliminated from the search
- TARGET ID is lower than the DISC value, a low sound, metals are displayed on a gray scale.
- TARGET ID is higher than the DISC value, a high sound, metals are displayed on a black scale.

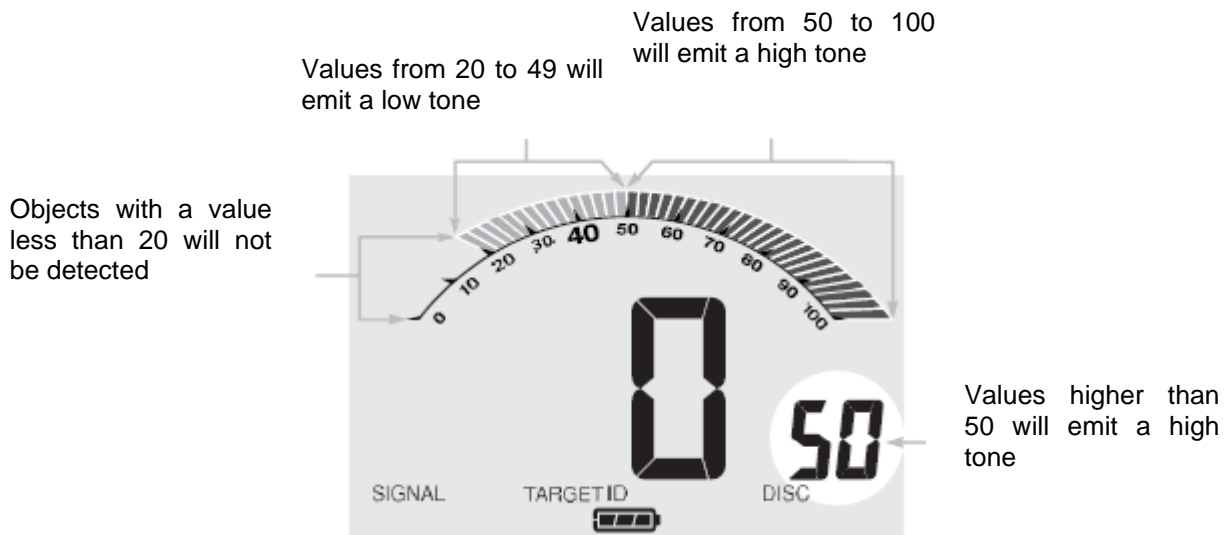
DISC values from 41 to 79:

- Objects in empty segments are not detected
- Items with a TARGET ID value less than the DISC value is indicated by a low sound, metals are displayed on a gray scale.

DISC values 80 and higher:

- All detected objects emit a high tone, only objects on a black scale are displayed. The detector does not emit any low tones and targets with a value less than 80 are not detected.

Example:



SOIL COMPOSITION

All soil types contain minerals. Minerals in soils can cause false signals or make it impossible to find objects.

The detector therefore has a function that can adjust the soil composition according to the location and thus eliminate the effect of minerals on the detection of objects.

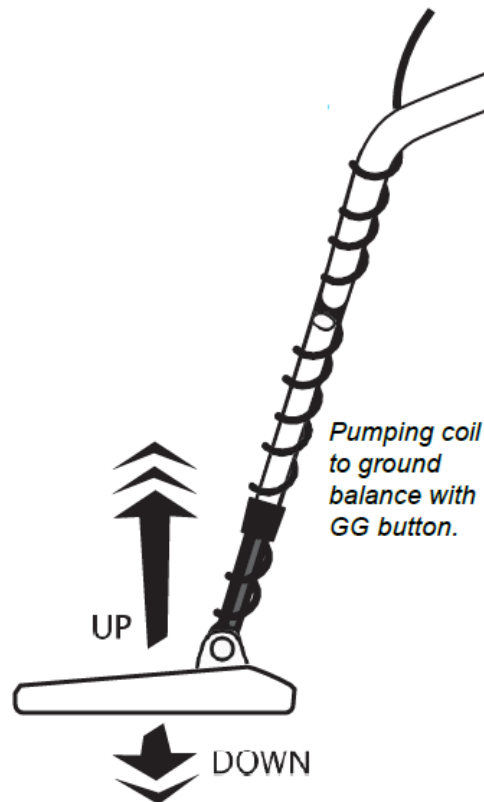
If the detector is properly calibrated for soil composition, the higher the depth of detection, the sound signals will be more pronounced, and the identification of the metals will be more accurate.

How to set the soil composition:

1. Start the detector and set GAIN to 12:00 o'clock.
2. Start ALL METAL mode using the right MODE knob.
3. Turn the THRESHOLD knob so that you hear a slight hum.

4. Find a place where the soil will be clean, and you will not detect any metal.
5. Press and hold the GG button and move the coil up and down, see. picture. Move the coil from 1 inch to 6-8 inches high.
6. When the GND PHASE value stabilizes at 1 or 2 numbers, release the GG button. Note that the sound will stabilize when you release the button. After setting, you can stay in ALL METAL mode or switch to DISCRIMINATION mode.

You can get the most accurate soil values by moving the probe up and down in a metal-free area.



The detector displays two values of soil composition:

1. Type of mineral composition – GND PHASE
2. Amount of mineralization Fe_3O_4 – higher amounts of minerals reduce the ability to detect objects, their depth, ID, etc. These losses are even higher in DISCRIMINATION mode.

The goal of soil composition is to balance the GND BAL value to the PHASE number

PHASE – measured soil values (two-digit number)

GND BAL – internal value of the detector which calibrates the soil composition (three-digit number with a decimal point)

The GND BAL value is measured more accurately, and therefore the value may be different than the PHASE value.

After finding the value and releasing the GG button, the measured values are transferred to the GND BAL setting.

The two-digit PHASE number on the display indicates the probable type of mineralization:

0 – 10: Wet sand and alkaline soil

5 – 25: Iron, little soil, you probably moved the coil over an iron object

26 – 39: Little soil, most often beaches, saltwater sand

40 – 75: Red, yellow, and brown iron bearing clay minerals

75 – 95: Magnetite and other minerals of black iron

The goal of determining soil composition is to eliminate constant audio signals while searching for objects. In some cases, the sound cannot be eliminated. After automatic soil composition, some users may want to adjust the sensitivity to their own needs.

For manual adjustment:

- Switch the detector to ALL METAL mode.
- Move the coil up and down, as with automatic soil composition detection.
- Use the + and - buttons to set the desired value.

If the soil composition is set incorrectly, you will hear different tones as the coil moves up and down.

- If the tones are louder as you move the coil up, increase the value.
- If the tones are louder as you move the coil down, decrease the value.

Note: Experienced users prefer a setting where they get a low response when lowering the coil.

POSITIVE AND NEGATIVE RESPONSE

The reason to set good values for soil composition is so that you are not disturbed by minerals in the soil. If the setting is not correct, the minerals in the soil will announce positive or negative tones according to the incorrect value.

POSITIVE RESPONSE

If the GND BAL number is too high, the response to soil minerals will be positive. This means that if you move the coil down in PINPOINT or ALL METAL mode, the tone will be louder as the coil approaches the ground. The tone will be weaker as you lift the probe off the ground.

NEGATIVE RESPONSE

If the GND BAL number is too low, the response to soil minerals will be negative. This means that if you move the probe down in PINPOINT or ALL METAL mode, the tone will not be heard as the probe approaches the ground. The tone will be louder as you lift the probe off the ground.

Fe₃O₄ PANEL

This panel shows the amount of Fe₃O₄ mineralization. This information is updated every second. The data is sensitive to movement and gives the most accurate reading if the coil up and down several times.

Indicator	Mineralization	%Fe ₃ O ₄	Sensitivity
7 segments	High	Over 1	Over 2500
2–6 segments	Medium	.026 – 1.0	61 – 2,500
1 segment	Very low	0.006 - .025	15 – 60
None	--	Lower than.006	Lower than 15

Magnetic susceptibility is expressed in micro-cgs units. In a saltwater environment without iron minerals, the bar graph shows the relative electrical conductivity.

In soils where the value is higher than 10,000 micro-cgs, the device will be overloaded and will not be usable. A possible solution is to hold the detector a few inches above the ground. Listen to the device so that you can better detect how high you need to hold the coil.

High magnetic susceptibility is commonly found in soils that are composed of igneous rocks, in floodplain black sand streaks on beaches, and in red clay soils of humid climates.

Low magnetic susceptibility is usually found in the white beach sands of tropical and subtropical areas and soils above limestone.

OBJECT IDENTIFICATION ON DISPLAY AND AUDIO SIGNAL

SIGNAL INDICATOR

The lower left bar graph shows the signal strength when the device is in DISCRIMINATION mode. Signal strength shows the size of an object hidden in the ground or how close it is.

If all segments are displayed, the found object is large or close to the surface.

If one or two segments are displayed, the found object is small or deep below the surface.

DEPTH INDICATOR

If you are using DISCRIMINATION MODE, you can check the position and size using the PINPOINT function. Press PINPOINT to temporarily find an object without having to move the coil.

When you press PINPOINT, the DEPTH indicator appears. The displayed value shows the depth of the object in inches. The distance is measured from the coil to the object. The PINPOINT function is calibrated for coin-sized items. For larger objects, the numerical value is relative to the depth.

AUDIO SIGNAL

- If an object is detected, two types of sound signals are emitted:
- V.C.O
- Deep tone

In DISCRIMINATION mode, objects are announced using V.C.O tones and shaded objects by deep tones. Users can adjust the sensitivity using the + and - buttons.

In ALL METAL mode, all items are announced using V.C.O.

V.C.O tones change depending on the depth of the subject. A stronger signal emits louder and higher tones. A weak signal emits a quiet and deeper tone. Therefore, it is advisable to use headphones to find smaller items.

TWO DIGIT IDENTIFICATION

In DISCRIMINATION mode, a two-digit identification will help you identify a hidden object. Through practice, you will learn to better identify objects by codes. The number changes each time you find an object, depending on its depth and size.

Reference table (values and objects are for guidance only):

foil from gum wrapper	47 – 48
U.S. nickel (5¢ coin)	58
aluminum pull-tab	60 – 75
aluminum screwcap	70 – 80
zinc penny (dated after 1982)	78
aluminum soda pop can	75 – 85
copper penny, clad dime	83
U.S. quarter (25¢ coin), clad	85
50¢ coin, modern clad	87
old silver dollar coin	89
US silver Eagle \$1 coin	91

WARNING: Values, objects, and their composition are for guidance only. The detection and determination of metals depends on their depth, size, age, and degree of oxidation.

GOLD SEARCH

Finding gold nuggets is difficult, mainly because it is found in highly oxidized minerals. Therefore, we recommend setting the detector to high sensitivity and setting the ALL METAL mode correctly with the correct soil composition.

We recommend using headphones if their use does not endanger your safety.

The Fe₃O₄ indicator shows iron mineralization in the soil. Gold nuggets are most found in these soils and are often displayed as iron minerals. Most often, gold nuggets are represented by high values or high deviations.

ELECTRICAL INTERFERENCE

SIGNS

The detector will make sound spontaneously.

COMMON SOURCES OF ELECTRICAL INTERFERENCE

The most common sources are: overhead power lines, underground lines, other metal detectors, telephone lines carrying electronic data, computer systems, electric fences, old CRT TVs, mobile phones, radio receivers for emergency and communication communications, thunderstorms, fluorescent lamps, metal lamps, electric motors, VLF military communication systems and car ignition systems. Several different sources of electrical interference may be present at home, in a store, or in an urban environment.

USE WHEN UNDER ELECTRICAL INTERFERENCE

It is best to adjust the sensitivity with GAIN and THRESHOLD cups. THRESHOLD can only be adjusted in ALL METAL mode.

In DISCRIMINATION mode, setting 60 - 70 reduces the effect of electrical influences.

USE

After you find the item, you must determine its exact location:

1. Walk around the object.
2. Move the coil across the area in the circle.
Move the coil every 30 ° - 40 ° of the circle.

If neither the tone nor the subject ID changes, you have probably identified the exact location.

If the tone and ID change, it is possible that the object is irregularly shaped, or you have found more objects.

If the tone or ID disappears, you may have found a junk or unwanted object.

PINPOINTING in DISCRIMINATION mode

1. Move the coil from side to side.
2. Visually imagine the location where you noticed the sound signal.
3. Stand 90 ° to the intended location.
4. Move the coil on the same surface, 90 ° from the first location.
5. This will pinpoint the target location using a cross.

PINPOINTING

After finding an object in DISCRIMINATION mode, hold down the PINPOINT button and slowly approach the location with tones.

Holding the PINPOINT button for a long time loses its sensitivity. Therefore, we recommend releasing and pressing the button regularly.

SPECIFICATIONS

Weight: 2 lbs, 8 oz with battery installed

Standard search coil: 11-inch search coil

Battery: One 9-volt rectangular alkaline battery

Function principle: inductive VLF

Operating frequency: 19 kHz

Reactive overload: 10,000 micro-cgs (with standard search probe)

Resistance overload: 1,200 micro-cgs (with standard search probe)

Ground balance range: from ferrite to salt water inclusive

Battery life: 15+ hours (depending on battery)

Operating temperature range: -10 to +50 ° C

Operating humidity range: 0 - 90% non-condensing

ENVIRONMENT PROTECTION

After the product lifespan expired or if the possible repairing is uneconomic, dispose it according to the local laws and environmentally friendly in the nearest scrapyard.

By proper disposal you will protect the environment and natural sources. Moreover, you can help protect human health. If you are not sure in correct disposing, ask local authorities to avoid law violation or sanctions.

Don't put the batteries among house waste but hand them in to the recycling place.

TERMS AND CONDITIONS OF WARRANTY, WARRANTY CLAIMS

General Conditions of Warranty and Definition of Terms

All Warranty Conditions stated here under determine Warranty Coverage and Warranty Claim Procedure. Conditions of Warranty and Warranty Claims are governed by Act No. 89/2012 Coll. Civil Code, and Act No. 634/1992 Coll., Consumer Protection, as amended, also in cases that are not specified by these Warranty rules.

The seller is SEVEN SPORT s.r.o. with its registered office in Strakonická street 1151/2c, Prague 150 00, Company Registration Number: 26847264, registered in the Trade Register at Regional Court in Prague, Section C, Insert No. 116888.

According to valid legal regulations it depends whether the Buyer is the End Customer or not.

“The Buyer who is the End Customer” or simply the “End Customer” is the legal entity that does not conclude and execute the Contract in order to run or promote his own trade or business activities.

“The Buyer who is not the End Customer” is a Businessman that buys Goods or uses services for the purpose of using the Goods or services for his own business activities. The Buyer conforms to the General Purchase Agreement and business conditions.

These Conditions of Warranty and Warranty Claims are an integral part of every Purchase Agreement made between the Seller and the Buyer. All Warranty Conditions are valid and binding, unless otherwise specified in the Purchase Agreement, in the Amendment to this Contract or in another written agreement.

Warranty Conditions

Warranty Period

The Seller provides the Buyer a 24 months Warranty for Goods Quality, unless otherwise specified in the Certificate of Warranty, Invoice, Bill of Delivery or other documents related to the Goods. The legal warranty period provided to the Consumer is not affected.

By the Warranty for Goods Quality, the Seller guarantees that the delivered Goods shall be, for a certain period of time, suitable for regular or contracted use, and that the Goods shall maintain its regular or contracted features.

The Warranty does not cover defects resulting from (if applicable):

- User's fault, i.e. product damage caused by unqualified repair work, improper assembly, insufficient insertion of seat post into frame, insufficient tightening of pedals and cranks
- Improper maintenance
- Mechanical damages
- Regular use (e.g. wearing out of rubber and plastic parts, moving mechanisms, joints, wear of brake pads/blocks, chain, tires, cassette/multi wheel etc.)
- Unavoidable event, natural disaster
- Adjustments made by unqualified person
- Improper maintenance, improper placement, damages caused by low or high temperature, water, inappropriate pressure, shocks, intentional changes in design or construction etc.

Warranty Claim Procedure

The Buyer is obliged to check the Goods delivered by the Seller immediately after taking the responsibility for the Goods and its damages, i.e. immediately after its delivery. The Buyer must check the Goods so that he discovers all the defects that can be discovered by such check.

When making a Warranty Claim the Buyer is obliged, on request of the Seller, to prove the purchase and validity of the claim by the Invoice or Bill of Delivery that includes the product's serial number, or eventually by the documents without the serial number. If the Buyer does not prove the validity of the Warranty Claim by these documents, the Seller has the right to reject the Warranty Claim.

If the Buyer gives notice of a defect that is not covered by the Warranty (e.g. in the case that the Warranty Conditions were not fulfilled or in the case of reporting the defect by mistake etc.), the Seller is eligible to require a compensation for all the costs arising from the repair. The cost shall be calculated according to the valid price list of services and transport costs.

If the Seller finds out (by testing) that the product is not damaged, the Warranty Claim is not accepted. The Seller reserves the right to claim a compensation for costs arising from the false Warranty Claim.

In case the Buyer makes a claim about the Goods that is legally covered by the Warranty provided by the Seller, the Seller shall fix the reported defects by means of repair or by the exchange of the damaged part or product for a new one. Based on the agreement of the Buyer, the Seller has the right to exchange the defected Goods for a fully compatible Goods of the same or better technical characteristics. The Seller is entitled to choose the form of the Warranty Claim Procedures described in this paragraph.

The Seller shall settle the Warranty Claim within 30 days after the delivery of the defective Goods, unless a longer period has been agreed upon. The day when the repaired or exchanged Goods is handed over to the Buyer is considered to be the day of the Warranty Claim settlement. When the Seller is not able to settle the Warranty Claim within the agreed period due to the specific nature of the Goods defect, he and the Buyer shall make an agreement about an alternative solution. In case such agreement is not made, the Seller is obliged to provide the Buyer with a financial compensation in the form of a refund.

CZ
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