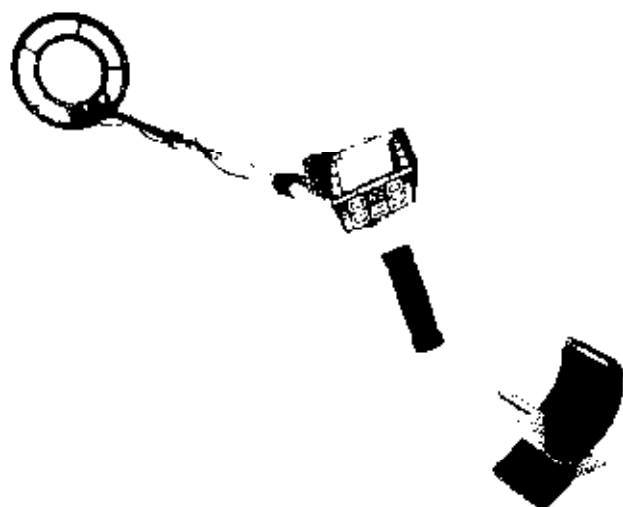


# Treasure Hunter-Vision Pro XJ9 Metal Detector

## OWNER'S MANUAL



**Treasure Hunter.**

**Treasure Hunter™ No. 2,800,417**

**Patent numbers: US D486,080 S, US D486,081 S**

Treasure Hunter-Vision Pro XJ9 are designed for finding all metals, including coins, relics, jewelry, gold and silver in any terrain conditions. Those two exciting OneTouch metal detectors are automatic and surprisingly easy to operate. Beside the different shape and color for different preferences, they have the same microprocessor controlled circuitry, LCD target imaging and the same performance as well. To obtain the maximum performance, we suggest you to read this manual carefully.

## FEATURES

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### 1. Use the Target ID to learn what you've found

The detected objects are shown on the larger LCD. You can determine immediately whether the objects worth to recover or not.

### 2. Use Treasure Eye to pinpoint the target easily

When any metallic target is detected cursor segments on the upper scale will move from the middle toward each end. As the search coil passes directly over the target, this lighting action will become more vigorous. This helps you to pinpoint targets. Remember, Treasure Eye signals all metallic targets, not just those you have selected with the Elimination Control.

### 3. Fully automatic and high discrimination capability

### 4. Unwanted Target Elimination

You can set the detector not to respond to some objects and hunt only for specific targets.

### 5. Unique Tone for Targets

When an object is being detected, a unique tone corresponding to the target will generate. Therefore you don't have to keep watching the LCD display while searching. 7 distinctive tones for 7 types of metals.

## 6. Auto low battery voltage indication

The Battery icons will be displayed on the LCD while the battery voltage goes below the proper value. In this case, the batteries should be replaced at once.

## Assembly

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The detector is shipped fully assembled in one carton. Only two adjustments are necessary, and no tools are required.

1. Turn the search coil to the scanning position. It may be necessary to loosen the knobs securing the coil and then tighten them again. Make sure that the knobs are tightened (by hand) securely after the search coil is positioned.
2. By pressing and depressing the pop-out buttons to adjust the stem to the most comfortable length for you.
3. Install the fresh batteries and then the detector will be ready for use.

## Control Panel

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- POWER:** set the power on or off.
- ▲ SENS:** increase the sensitivity.
- ▼ SENS:** decrease the sensitivity.

Note: you can easily change the sensitivity by pressing above two SENS places.

▲ DISC: increase the range for detected & discriminated metals.

▼ DISC: decrease the range for detected & discriminated metals.

Note: you can easily select the metals you want to eliminate and ones you want to discover by using above two DISC pads once.

## Target ID Guide

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At the top of the control panel metallic denominations and other information are listed to assist in identifying targets for use with the discrimination pattern and Target Image on the lower scale of the LCD.



## Icons on LCD Display

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1. Selectable Sensitivity: 5 levels available for sensitivity adjustment.



2. Low battery voltage: the battery should be replaced while

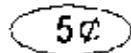
the battery icons displayed on the LCD.



3. Iron Nail



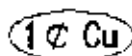
4. Pull-Tab or 5c(us coin)



5. Screw Cap



6. 1c(us coin)



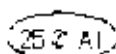
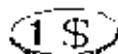
7. Golden Ring



8. 10c (us coin)



9. 1\$ or 25c (us coin)



10. 50c (us coin)



Note: When any target is being detected, the corresponding icon will go flashing for several seconds, and a unique tone corresponding to the target will generate. The flashing target icon also indicates the Target ID Scale and helps to identify the target indicated by the flashing icon.

### Operation Procedures

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1. Turn on the detector by pressing on the POWER pad once.

Note: press the POWER again will turn off the detector.

2. The SENS icon (Treasure Eye), Battery icon appears on the display for several seconds and then disappears while a loud sound break forth from the speaker. Afterwards there exist only 7 target icons on the display unless elimination setting.

Note: during this period, the search coil should be apart from any metals and kept static until the SENS icon (Treasure Eye) and Battery icons disappears and a loud sound break forth from the speaker. Otherwise the detector may work unsatisfactorily.

3. The detector enters into normal operation mode.

4. You can adjust the sensitivity and the elimination range at any time, directly by pressing the ▲ or ▼ cursor on the control panel. The real status of sensitivity and elimination range will be displayed at once after the setting.

5. Only the metals in the Target ID Scale indicated by the Target Icons appears on the display could be detected.

6. When a metal is detected, the target icon corresponding to the metal will flash and a corresponding tone break forth. Operator can determine the types of detected metals easily according to the position that the flashing target icon located in the Target ID Scale.

### Batteries and Battery Replacement

The detector use two pieces of 9 Volt batteries as its power supply. The battery compartment is located on the rear side of control box.

1. Remove the cover of the battery compartment and then remove the old batteries.
2. Make the correct connections between the new fresh batteries and the clips.
3. Install the new batteries.
4. Position the cover again.

Note1: the detector must be turned off when batteries are being changed.

Caution: Use only high quality carbon, alkaline or nicad rechargeable batteries.

Note2: Batteries are not equipped with the detector.

### Objects not on the list

If the target icons flashing from one position to another or vice versa while an object is being detected, the detected object may be an object not in the display list or the soil is highly mineralized. The later can be ruled out by decreasing the sensitivity and search again.

### Service

We don't want you to have any problems with your detector, but it does happen occasionally. If your detector fails to operate at all, first check the batteries. If the detector still does not operate, try pressing and depressing the POWER pad for several times. Sometimes the on-off relay may "stick" in the off position.

## QUICK START GUID

**Be sure you are not using it indoors** because light bulbs, microwaves, cell phones, cordless phones and many other house hold items can cause interference with the units magnetic field because these items have a electromagnetic field of there own causing the metal detector to "chirp" or beep erratically.

Many users put a quarter on the floor of there house and find that they receive false readings. This is due to the electrical lines under the floor (metal and magnetic field produced), nails in the floor crossing the magnetic field of the metal detectors search coil

**Do not use your new Treasure Hunter around** power lines or on concrete. concrete has rebar in it, a metal that will cause the detector to beep. Also keep the detector clear of chairs, walls and tables as these objects can also contain certain metals (even the side of the coil can give a reading, which is why the part that attaches the coil is made of plastic).

In order to **test your unit**, have someone hold the unit no less than 3 feet off of the ground, take a nickel in your hand and move it in a **constant motion** across the search coil. again, do this outside the house and outside of any possible interference. **Be sure that the quarter is flat** with the search coil, which is how your new treasure hunter metal detector is programmed to detect those objects. If an object, such as a quarter, is moved over the search coil in a position other than flat, it can cause false readings as well, the motion must be constant, this is a fell that will be developed over time. Treasure Hunter has given your metal detector a powerful program that allows the detector to "see" or detect and object in a certain position, the detector will detect that object in its flat position. In the field, that is how the object will be found 99% of the time.

**Size, shape and oxidation** can cause the processors program to read certain ways, or even read an object incorrect. Recently buried coins might not respond the same as coins buried for a long period of time because of oxidation.

Some nails, nuts, bolts and other iron objects oxidize and create a "halo" effect. A halo effect is caused by a mixture of naturally occurring elements in the ground and the oxidation created by different metals. Because of the metal mixtures, targets signals might not be in a "fixed" position that the computer program given your detector is programmed to "see" or detect that kind or shape item.

When using your treasure hunter metal detector **to identify objects such as gold, or silver** use the strip across the top.

IRON      100      200      300      400      500      600      700      800      900      1000      1100      1200      1300      1400      1500      1600      1700      1800      1900      2000      2100      2200      2300      2400      2500      2600      2700      2800      2900      3000      3100      3200      3300      3400      3500      3600      3700      3800      3900      4000      4100      4200      4300      4400      4500      4600      4700      4800      4900      5000      5100      5200      5300      5400      5500      5600      5700      5800      5900      6000      6100      6200      6300      6400      6500      6600      6700      6800      6900      7000      7100      7200      7300      7400      7500      7600      7700      7800      7900      8000      8100      8200      8300      8400      8500      8600      8700      8800      8900      9000      9100      9200      9300      9400      9500      9600      9700      9800      9900      10000

You will notice that the strip goes from iron to gold to silver. you may also note that there is a coin listing on that strip as well. however, the coin strip is only a size indicator. do not use the readings on the LCD at this point except for a reference

between the iron, gold and silver.

**Gold can register anywhere on the left side** depending on its size and purity for example, when reading a large watch, the detectors program will read nail penny, quarter, etc., that is because the program of the unit is reading the gold, silver, iron and other metals in that object, that is why the indicator will jump around sporadically. The same thing applies with a gold ring. A gold ring will read generally between the iron and gold depending on how pure the gold is a what item is mixed with the gold to make it (for example 14 k) the purity it is, 2 being solid gold and 14k being the less amount of gold mixed with other metals (some precise, some not). The largest reading for gold will be .05 to .25 in the correct iron to silver strip at the top within the gold. **The reading of the LCD has little to do with material, but will give some idea to size.**

The **pinpoint** is the 2 lines you see come close together at the bottom of the LCD read out. The closer the lines become, the more on top, or on target you are.

When you find the object, it is a good idea to step right and swipe the coil in a "x" motion. Right to left (south to west), and then right to left (north to east). This will help in pinpointing as well.

Sweep the detectors search coil holding the search coil level (do not use like a pendulum raising at the end of the stroke), use many angles to better pinpoint the target.

When in the field, swipe the coil in a constant motion. **be sure that the coil is swinging level** (see manual). This is a feel that takes some time to develop.

Be sure you are **detecting an object of one kind of metal**, for example, a watch or a piece of gold jewelry contains many kinds of metals generally. The detector is programmed to detect certain kinds of metals, but when a piece of metal contains several kinds, it confuses the detector when "sniffing" the metal at one time. **A penny made before 1982 is made of copper, a penny made after 1982 is made of zinc (a less expensive metal) and will read different for each of the post and pre 1982 penny's.**

**Be sure the discrimination knob is not turned all the way up to display a objects in the LCD.** if every metal is being discriminated, it will not beep ever it is moved over metal. That is the job of the discriminator. It is better not to use this feature until you have become familiar with the machine and have used it extensively in the field, not just a few "test" performed.

#### **Automatic Ground balance:**

Be sure, if you are receiving false readings, re adjust the **ground balance**, the unit off, turn it on again (in a place with no interference and far from house) holding the coil 3-4 inches from the ground so the detector can ground balance itself. Even with the ground balance function, if the soil is highly mineralized, it is difficult for the machine to balance it. It is very important to swing the coil parallel, do not lift the search coil at