

# **OWNER'S MANUAL**

Please read before using this equipment

## **Treasure Cove TC-1018** ***Fast Action Sand & Surf*** **Metal Detector**

**[www.treasure-cove.com/support](http://www.treasure-cove.com/support)**

- Register your purchase for warranty coverage
- Questions that cannot be answered by this manual.
- Replacement parts

# FEATURES

With your Fast Action TC-1018 Metal Detector, you can hunt for coins, relics, jewelry, gold, and silver just about anywhere. This metal detector is versatile and easy to use.

The detector's features include:

## **Three Operation Modes: ALL METAL, DISC, PINPOINT**

**ALL METAL**—lets you search for all kinds of metal with auto ground balance and high sensitivity. It's the best operation mode.

**DISC**—discriminates what kind of metal being detected.

**PINPOINT**---Lets you find the location of the target being detected accurately.

**Volume**—to adjust the volume level of speaker and headphone

**Headphone Jack** – lets you connect stereo headphones (not supplied) to the detector in private.

**View meter and Pointer** – The meter pointer swings to the right if metal is found.

**Water proof Search Coil** – lets you search for metal objects under shallow water. **Note:** The search coil is waterproof, but the control housing is not waterproof.

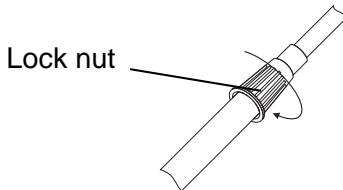
**Adjustable Stem** – lets you adjust the detector's length for comfortable use. **Note:** Your metal detector requires two 9V alkaline batteries (not supplied).

# PREPARATION

## ASSEMBLING THE DETECTOR

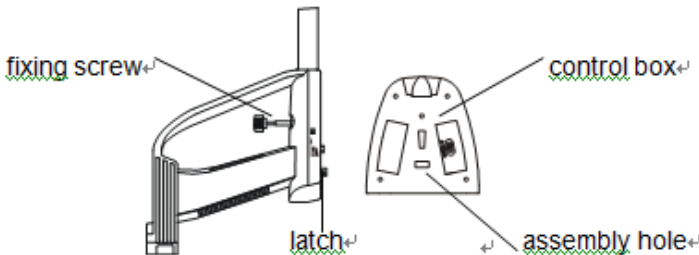
Assembling the detector is easy and requires no special tools. Just follow these steps.

1. Unscrew the knobs on the search coil and remove the knobs and the connector. Insert the smaller stem and align the holes on the search coil bracket and the stem. Push the connector through the holes, then replace and tighten the knobs.
2. Loosen the stem's (connected with the handle) lock nut in the direction



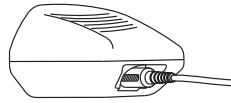
of the arrow. Then insert the smaller stem into the big stem connected with the handle. Turn the stem's lock nut in the reverse direction of the arrow to lock it in place.

3. Insert the latch on the top of the handle into the assembly hole on the bottom of the control box. Then slightly push the control box in the direction of IN on the handle to fix the latch in place.



4. Tighten the fixing screw properly.

5. Insert the search coil cable plug into the five pin jack on the back control box's housing.



6. Lengthen or shorten the stem, so when you stand upright with the detector in your hand, the search coil is level with and about 1~5cm above the ground. After that tighten the lock nut.

**Caution:**

- The search coil cable plug fits into the connector only one way. Do not force the plug or you could damage it.
- You don't need to disassemble the stem lock nut. In case you disassemble it carelessly, place the washer on the top of the stem connected with the handle with the small head of the washer upwards. Then hitch the stem lock nut on the washer then tighten it to lock it in place.



**ADJUSTING THE SEARCH COIL**

Loosen the knobs at the search coil's end, then adjust the search coil to the desired angle. (The search coil should be parallel with the ground.) Tighten the knobs just enough to keep the search coil from rotating or wobbling.

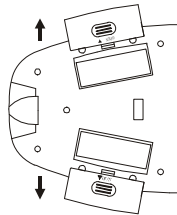
# INSTALLING BATTERIES

You need two 9V alkaline batteries to power your detector.

## **Cautions:**

Use only fresh battery of the required size and recommended type.

1. If the detector is on, turn the power switch (on the control panel) to POWER OFF .
2. Press on the battery compartment cover and slide the cover off in the direction of the arrow.



3. Connect the battery with the battery connector taking care of the polarity. Then put the battery into the compartment.
4. Replace the cover.

## **Cautions:**

- Always remove old or weak battery; battery can leak chemicals that can destroy electronic parts.
- If you do not plan to use the detector for a week or more, remove the battery.
- Dispose of old battery promptly and properly.

You can extend battery life by using headphones, which require less power than the built-in speakers.

## USING HEADPHONES/EAR BUDS

You can connect a pair of stereo headphones (not supplied) to the detector so you can listen to it privately. Using headphones also saves battery power and makes it easier to identify subtle changes in the sounds you hear, for better detection results.

To connect headphones to the detector, insert the headphones' 3.5mm plug into the EAR jack on the control panel.

Note: The detector's internal speaker disconnects when you connect headphones.

## LISTENING SAFELY

To protect your hearing, follow these guidelines when you use headphones.

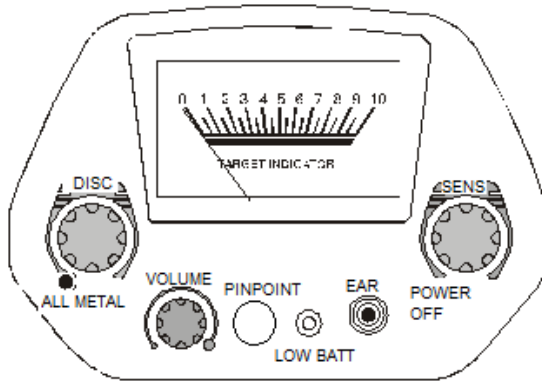
- Set the volume to the lowest setting before you begin listening.
- After you begin listening, adjust the volume to a comfortable level.
- Do not listen at extremely high volume levels. Extended high volume listening can lead to permanent hearing loss.
- Once you set the volume, do not increase it. Over time, your ears adapt to the volume level, so a volume level that does not cause discomfort might still damage your hearing.

## Traffic Safety

Do not wear headphones while operating your detector near high-traffic areas. Even though some headphones are designed to let you hear some outside sounds when listening at normal volume levels, they still can present a traffic hazard.

## FUNCTIONS AND INDICATORS

### 1. A QUICK LOOK AT THE DETECTOR



- a. **DISC**—Rotate the control clockwise away from ALL METAL to get DISC mode. The DISC mode comes with auto ground balance. Rotate the control slowly and clockwise to eliminate different trash objects. Rotate the control counter clockwise to the end to get ALL METAL mode. All METAL also comes with auto ground balance. It's used to find not only ferrous metal, but also non-ferrous one (see more details below).
- b. **SENS**—Rotate the control counter clockwise to the end to power off the unit.  
Rotate the control clockwise to power on the unit. Continue rotating it clockwise to get higher sensitivity.
- c. **VOLUME**—Rotate the control clockwise to get higher level or to get lower volume level by rotating it counter clockwise.
- d. **LOW BAT**—Low battery indicator. When LOW BAT indicator lights, user should replace the batteries at once.
- f. **EAR**—It's a 3.5mm headphone jack for connecting headphones.
- g. **View meter**—When unit finds any metal target , the meter pointer swings to the right.
- h. **PINPOINT**---Lets you find the location of the target being detected

accurately. In ALL METAL mode, when you find metal object, you can press to pinpoint the target. Hold the search coil 50cm or more away from the ground. Press and hold down this button. Sweep the search coil over the sound area and release the button when you hear a sound. After about 1~2 seconds, hold down the red button again, the sound disappears. Closer the search coil to the ground and you'll hear the sound again. Repeat the above steps until you find the target. After you find the target, set mode to DISC to determine which kind of metal the target is.

## TESTING AND USING THE DETECTOR

The model TC-1018 metal detector has three operation modes: ALL METAL, DISC and PINPOINT. ALL METAL is used to find all kinds of metal targets. DISC is used to discriminate the metal type. PINPOINT is used to locate the target accurately.

First, set the operation mode to ALL METAL, DISC to counter clockwise end, SENS to high position. Then hold the search coil parallel with the ground about ½ inch to 1 ½ inches above the surface. Sweep the search coil from side to side in an arc line in a 2-3 inch motion.

When the detector detects a buried target, it sounds a tone. You can then make a visual note of exact spot on the ground where the detector beeps.

Then stop the search coil directly over this point on the ground. Move the search coil straight forward away from you and straight back towards you a couple of times.

In ALL METAL mode, when you find metal object, you can also press PINPOINT to locate the target. Hold the search coil 50cm or more away from the ground. Press and hold down this button. Sweep the search coil over the sound area and release the button when you hear a sound. After about 1~2 seconds, hold down the red button again, the sound disappears. Closer the search coil to the ground and you'll hear the sound again. Repeat the above steps until you find the target. After you find the target, set mode to DISC to



determine which kind of metal the target is.

Slowly rotate the DISC control clockwise away from ALL METAL until the unit does not sound or sounds short tone. You can identify what kind of metal is detected according to the setting position of DISC.

Here is a quick reference for some typical settings so you know what kind of metal is rejected depending on the DISC setting. (This may vary based on soil type, sand, or mineral content of the ground.)

Setting of DISC	Metal Rejected.
Near 11:00	Iron
Near 12:00	Nickel coin(5¢), pull tab
Near 13:00	Zinc coin(1¢ 87 version)
Near 15:00	Copper coin (1¢ 76 version)

When the DISC control is set to the clockwise end most of metal is rejected, except silver(25¢,50¢ and 1\$).

**Note:** The above chart is only a reference, actual result may be different.

### **Factors That Affect The Detecting**






It's difficult to have an accurate detecting result. It needs practice to get better detection results. Sometimes the detecting may be restricted by some factors.

- If there are interference from other instruments or electrical cable or TV or radio in your searching area, lower the sensitivity, or to change the current searching area.
- When searching in highly mineralized area, the unit will sound even if there's no metal. In this case, you can lower the sensitivity and increase the height between the search coil and the ground until the false signal disappears. If necessary, reset the DISC.
- When searching in trash area, it's better to set the DISC to 11:00 position, so that the unit can notch most of invaluable metals such as nails and small iron trash.

- Move away any metal digging tool when searching.
- Sensitivity level is generally in contradiction with that of the Discrimination. The higher the sensitivity level is, the worse discrimination will be. But you can lower the sensitivity to have better discrimination.

## CARE AND MAINTENANCE

Your TC-1018 metal detector is an example of superior design and craftsmanship. The following suggestions will help you care for your metal detector so you can enjoy it for years.

	<p>Handle the detector gently and carefully. Dropping it can damage circuit boards and cases and can cause the detector to work improperly.</p>
	<p>Use the detector only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage the cases of the detector.</p>
	<p>Keep the detector away from dust and dirt, which can cause premature wear of parts.</p>
	<p>Wipe the detector with a damp cloth occasionally to keep it looking new. Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the detector.</p>
	<p>Do not dispose of any electronics in the garbage. Please take to a certified electronics disposal facility.</p>

# 10-YEAR LIMITED WARRANTY

Treasure Cove Metal Detectors are warranted against defects in workmanship or materials under normal use for ten (10) years from the date of purchase. In the event that a Treasure Cove product does not conform as warranted, the purchaser's sole remedy shall be limited to repair or replacement of all or any part of the product that does not conform. This limited warranty applies only to a product in its original form and only if purchased by the first consumer purchaser. This limited warranty is not transferable, and expires upon resale or transfer by the first consumer purchaser. **This warranty will not be effective unless registered within 90 days of the date of purchase.**

This limited warranty does not cover batteries nor any and all failures caused by abuse, misuse, neglect, tampering, theft, failure due to the weather, battery acid or other contaminants and equipment repairs made by an unauthorized party. The provisions of this limited warranty do not cover normal maintenance and economic losses. The purchaser is responsible for all shipping, freight, insurance, taxes, duties and any other costs of returning the relevant product.

TO THE EXTENT PERMITTED BY LAW, THE WARRANTY AND REMEDIES SET FORTH ABOVE ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES AND REMEDIES. WE SPECIFICALLY DISCLAIM ALL STATUTORY OR IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND AGAINST HIDDEN OR LATENT DEFECTS. WE ARE NOT RESPONSIBLE FOR DIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY BREACH OF WARRANTY OR UNDER ANY OTHER LEGAL THEORY.

To make a claim under this limited warranty, contact your original distributor promptly (but in no event more than ten (10) years after the date of your purchase), and if you need other assistance, contact:

Treasure Cove  
c/o Warranty Service  
2269 Chestnut Street #333  
San Francisco, CA 94123

**OR SUBMIT ONLINE WARRANTY CLAIM BY VISITING OUR WEBSITE:  
[WWW.TREASURE-COVE.COM/SUPPORT/](http://WWW.TREASURE-COVE.COM/SUPPORT/)**

This limited warranty gives you specific legal rights. You may also have other rights that vary from state to state. Therefore, some of the limitations stated above may not apply to you. It is your benefit to save your documentation upon purchase of a product. The original receipt/packing slip is required for coverage under this warranty.

**DO NOT SHIP YOUR PRODUCT TO US WITHOUT CONTACTING US  
FIRST!**

**[WWW.TREASURE-COVE.COM/SUPPORT/](http://WWW.TREASURE-COVE.COM/SUPPORT/)**