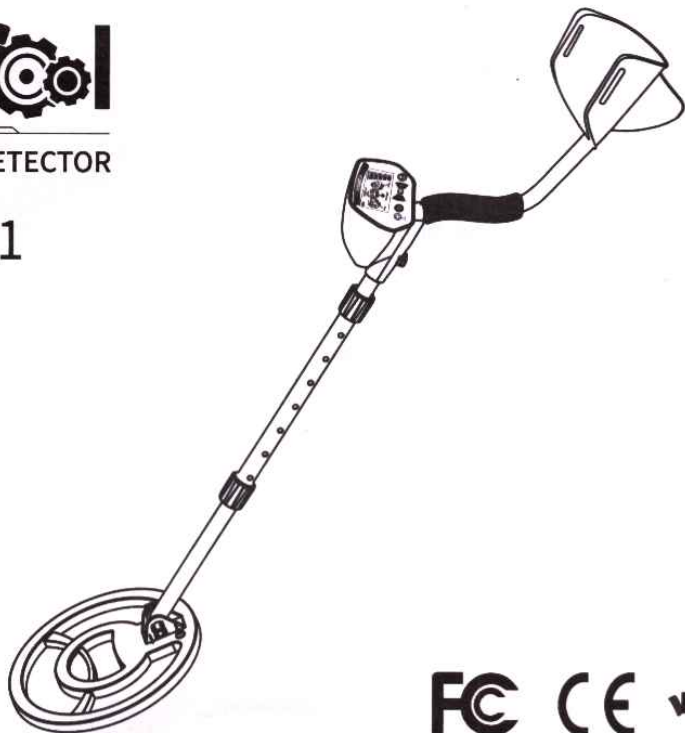# KentokTool

UNDERGROUND METAL DETECTOR

Model : TX-4071

Introduction

Thank you for choosing our Metal Detector. Please read the user manual carefully and keep it for future reference.

Feature

With your metal detector, you can hunt for coins, relics, jewelry, gold, and silver just about anywhere The detector is versatile and easy to use.The detector's features include:

Headphone Jack
—let you connect headphones and operate without trouble.

LCD - shows the probable type of metal being detected .

Waterproof Search Coil—Can be used in shallow water.

Note: The search coil is waterproof, but the control housing is not waterproof.

Adjustable stem—let you adjust the detector' s length for comfortable use.
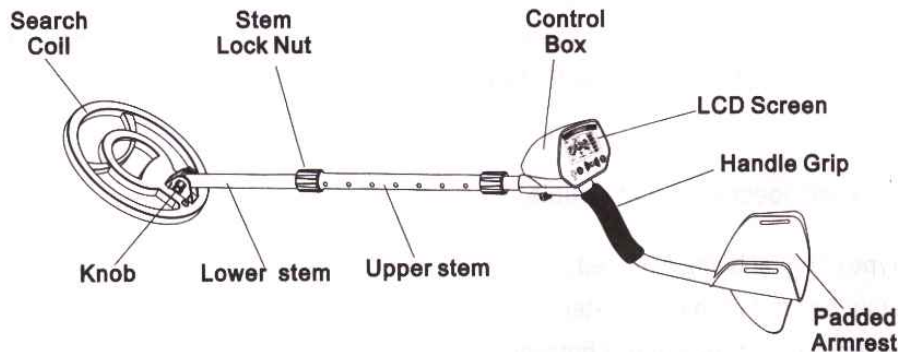
Power— 2 × 9V DC battery

ASSEMBLING THE DETECTOR

1. Installing The Detector

The installation does not require tools, just following the steps below:

- Insert the coil cable plug into the 5 pin jack connected with S stem
- Sheathe the lower stem on S stem and secure with the fixing knob.

Turn the stem's lock nut clockwise until it loosens.

Lengthen or shorten the stem so when you stand upright with the detector in your hand, the search coil is level with and about one half to 2 inches above the ground with your arm relaxed at your side.

Then turn the stem's lock nut counter clockwise to lock it in place.
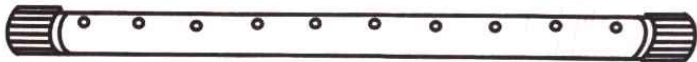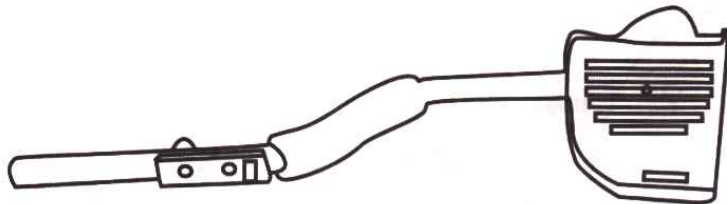
• Loosen the knobs at the search coil' s end, then adjust the search coil to the desired angle. (The search coil should be parallel with the ground.) Tighten the knobs just enough to keep the search coil from rotating or wobbling.

2. INSTALLING BATTERIES
Turn off the detector.
Slide the battery cover off in the direction of the arrow.
Insert two batteries into the compartment as indicated by the polarity symbols (+ and -) marked inside the compartment. And then replace the cover.
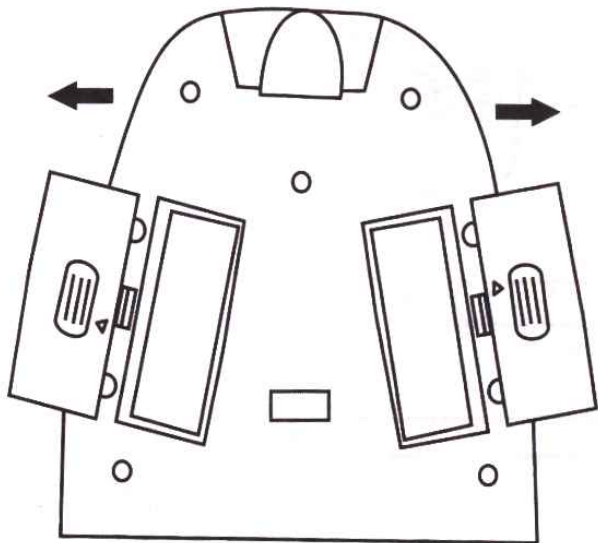
Cautions:

- Always remove old or weak batteries which can leak chemicals that can destroy electronic parts.
- If you do not plan to use the detector for a week or more, remove the batteries.
- Dispose the old batteries promptly and properly according to state and
- Federal Guidelines.

Replace the batteries when "LOW BATT" displays on LCD.
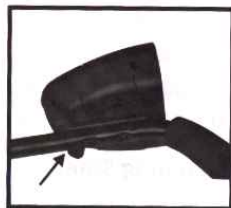
Assembly of Detector

Loose the lock nut
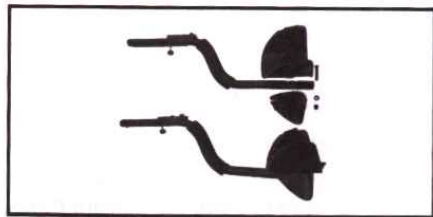
Lengthen the stem

1.Screw the screws according to the picture
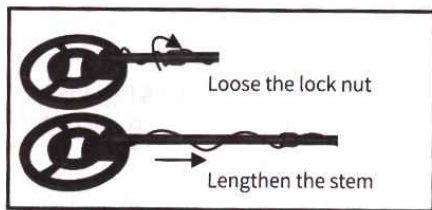
2.Loose the locknut and leng thenthe stem.

3.Sheathe lower stem on S stem aligningholes on stem.

Tighten the lock nut

Battery installing

4.Secure with fixingknob.
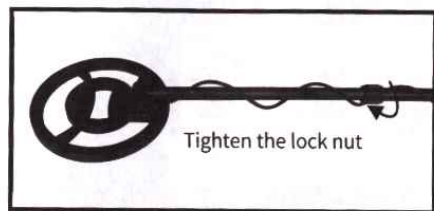
5.Tighten lock nut counter clockwise.
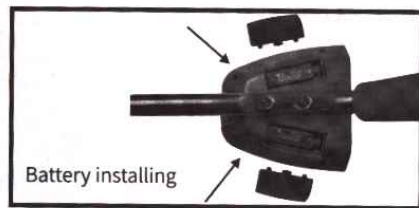
6.Battery installing.

3. USING HEADPHONE

You can connect a pair of stereo headphones to the detector so you can listen to it privately. Using headphone also saves battery power and makes it easier to identify subtle changes in the sounds you hear, for better detection results.

To connect headphone to the detector, insert the plug into the headphone jack on the side of the control housing. The detector's internal speaker disconnects when you connect the headphone.

Listening Safely

• Do not listen at extremely high volume levels. Extended high volume listening can lead to permanent hearing loss.

• Do not wear earphones while operating your detector near high-traffic areas.For safety,always be aware of your surrounding.

OPERATION

Quick Look at the Detector
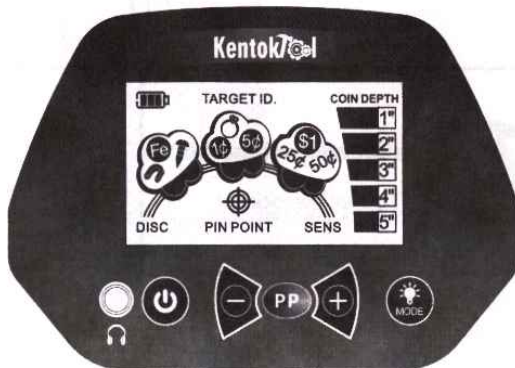
1. Press power button to turn on the detector. Press it again to power off.
2. Press MODE again, LCD displays SENS, then press + or - to increase or decrease the level of sensitivity.

When SENS [without DISC] is on the LCD, the detector is available for detecting all kinds of metal. If the detector finds 25 cent or 50 cent. silver or copper object, the icon of 25 cent / 50 cent will display on LCD . The detector sounds a high tone. Also LCD displays the probable depth of target.

If 5 cent, pull tab or s-cap, aluminum or zinc object is found, the icons of 5 cent / 1cent / pull fab / s-cap will display on LCD and the detector sounds a medium tone. A low tone will be heard when iron is found and the icon of nail / bottle cap will display. Also LCD displays the probable depth of target.
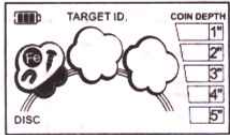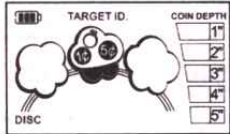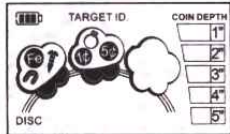
3. Press MODE to choose DISC mode. Then choose the unwanted target as follows:

   a. Press MODE. the icon of nail/ bottle cap flashes. This means nail, bottle cop or iron object will be ignored. The detector will hove no reaction to these objects.

   b. Press MODE again , the icon of 5 cent / 1 cent / pull tab / s-cap flashes. At this time. 5 cent / l cent / pull tab / s-cop will be ignored. The detector will hove no reaction to these objects.

   c. Press MODE one more time , the icon of nail/ bottle cap and 5 cent / 1 cent / pull tab / s-cap both flashes. At this time. bottle cop or iron object and 5 cent / l cent / pull tab / s-cop will be ignored. The detector will hove no reaction to these objects

Note:

1. 25 cent /50 cent can't be ignored. Because they are made of valuable material.

2. Flashing icon will point to what the user would like to eliminate. If the user doesn't detect any metal, the arrow will keep flashing. Once the user detects the metal objective, the flashing icon will disappear and another icon point out the Target Indicator. At the same time, the detector emits a tone.

3. When you go back to detect. the flashing icon for eliminated metal won't be back.Therefore, please remember which metal you have set up to ignore.

4.A detailed setting of discrimination is as below for your reference.

Discrimination Settings:

| Metal Ignored	Status Tone	Display for Discrimination
Nail/bottle cap(iron)	High for 25 cent,50cent,silver& copper; Medium for 5cent/ 1cent/pull tab/s-cap.	
5cent pull-tabs, screw caps,some gold,zinc,nickels	High for 25cent &50cent; Low for iron.	
Nail/bottle cap(iron);5cent pull-tabs,screw caps, some foil,gold,zinc,nickels	High for 25cent,50 cent,silver&copper.	

Testing Sample

1.Place a sample of the material you want the detector to find (such as a gold ring or a coin) on the ground.

2.Hold the search coil Level to the ground about1-2 inches above the surface. slowly move the search coil over the area where you placed the sample. sweeping the search coil in a side-to-side motion in an arc line Of 7cm motion.

When the detector detects a ferrous target, it sounds a low tone and display the icon of nail/ bottle cap. When it finds a non-ferrous target,it sounds a medium or high tone and display the icon of 5cent/ 1 cent/pull tab/ s-cap or 25 cent/ 50 cent.

Pinpoint

When you want to find metal object, you can press PINPOINT button to pin-point the target. The closer to the target object, the numerical value level of COIN DEPTH will be larger, the horn alarm sound will also be louder. It is more easy to help you to find the target object.


TARGET ID.   COIN DEPTH

1"
2"
3"
4"
5"

PIN POINT
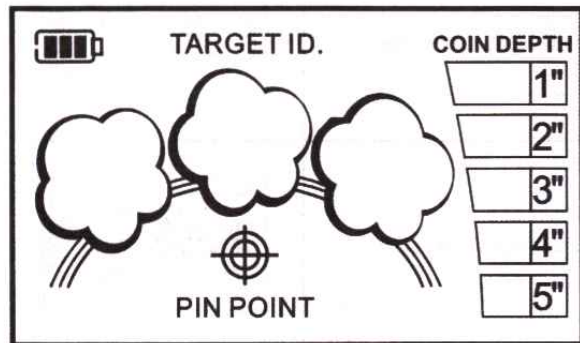
Search Coil Sweeping Hints:

Never sweep the search coil as if it were a pendulum. Raising the search coil while sweeping or at the end of a sweep will cause false readings.

Sweep slowly hurrying will cause you to miss targets. It's better you sweep the search coil from side to side in an arc line of 3 inches motion and keep the search coil parallel with the ground.
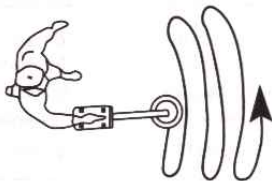
Factors That Affect The Detecting

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.

TROUBLE SHOOTING

If your detector is not working as it should, follow the suggestions below to see if you can eliminate the problem.

Problem	Suggestions
The detector displays or sounds false signals.	You might be sweeping the detector's search coil too fast or at the wrong angle. Sweep the search coil more slowly and hold the detector correctly. See "Testing and Using the Detector" and "Pinpointing a Target".
	The detector might sound a false signal if it detects heavily oxidized metals. Try pinpointing the target from several different angles (see "Pinpointing a Target"). If the detector does not display and sound the same signal each time, the target is probably heavily oxidized metal.
The display does not show the correct metal type when the detector finds a target.	There might be more than one target in the area you are searching.
	The target might be a type of metal that the detector does not recognize.
	If the target is heavily oxidized, the detector might not display the correct metal type. This is not a malfunction.

CARE AND MAINTENANCE

Your 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.

Handle the detector gently and carefully. Dropping it can damage circuit boards and cases and can cause the detector to work improperly.

Use the detector only in normal temperature environments. Temperature extremes can shorten the life of electronic devices, damage the cases of the detector.

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.

Keep the detector away from dust and dirt, which can cause premature wear of parts.

Warranty :

We offer a one year warranty. For assistance, please contact us through Amazon or our email and we will take care of you promptly.

Email for US: hanience_us@amzsupport.cn