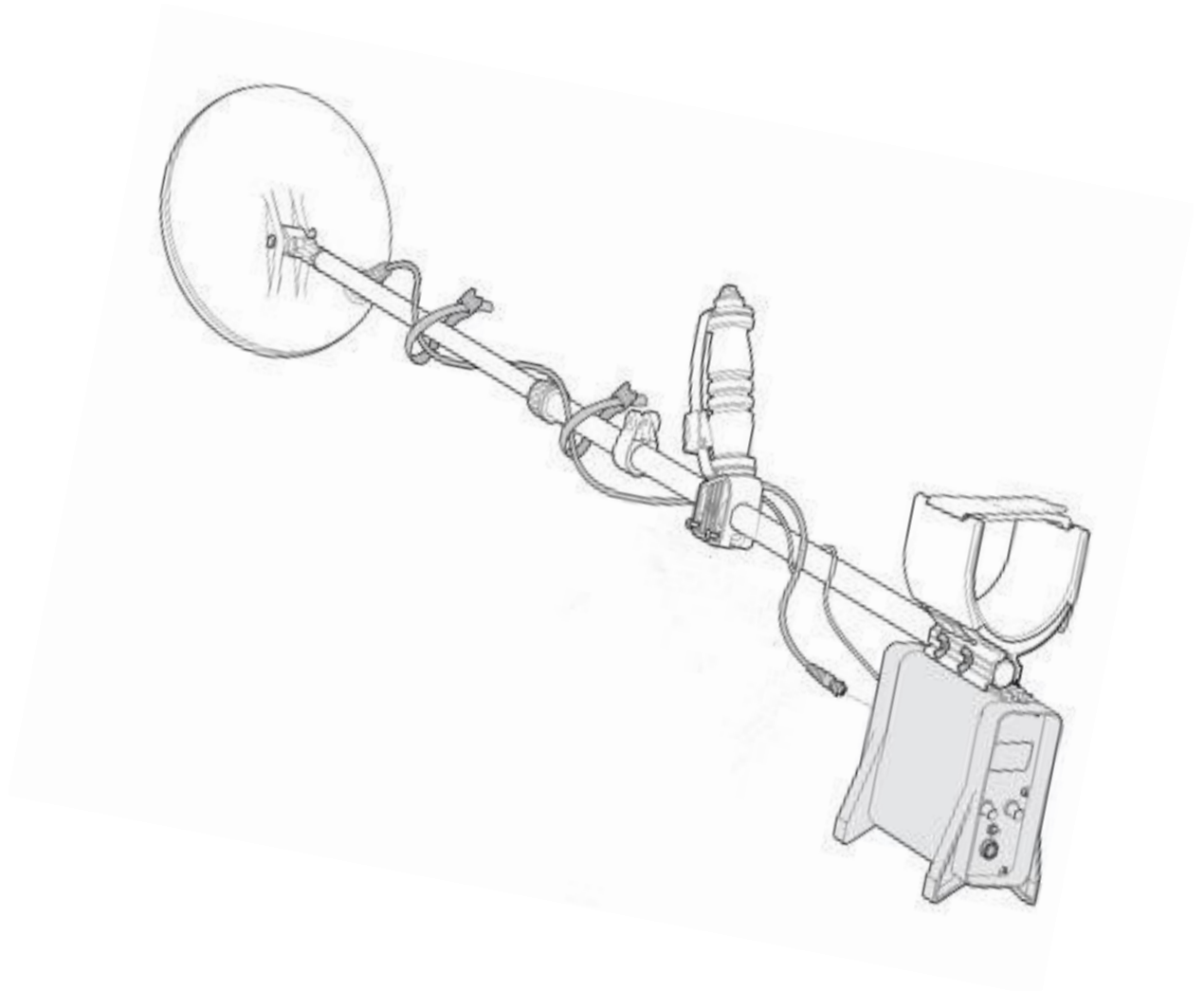


Underground Gold Detector

Instruction Manual

Model: MCD-5000B



Before using the product, Please read manual carefully.

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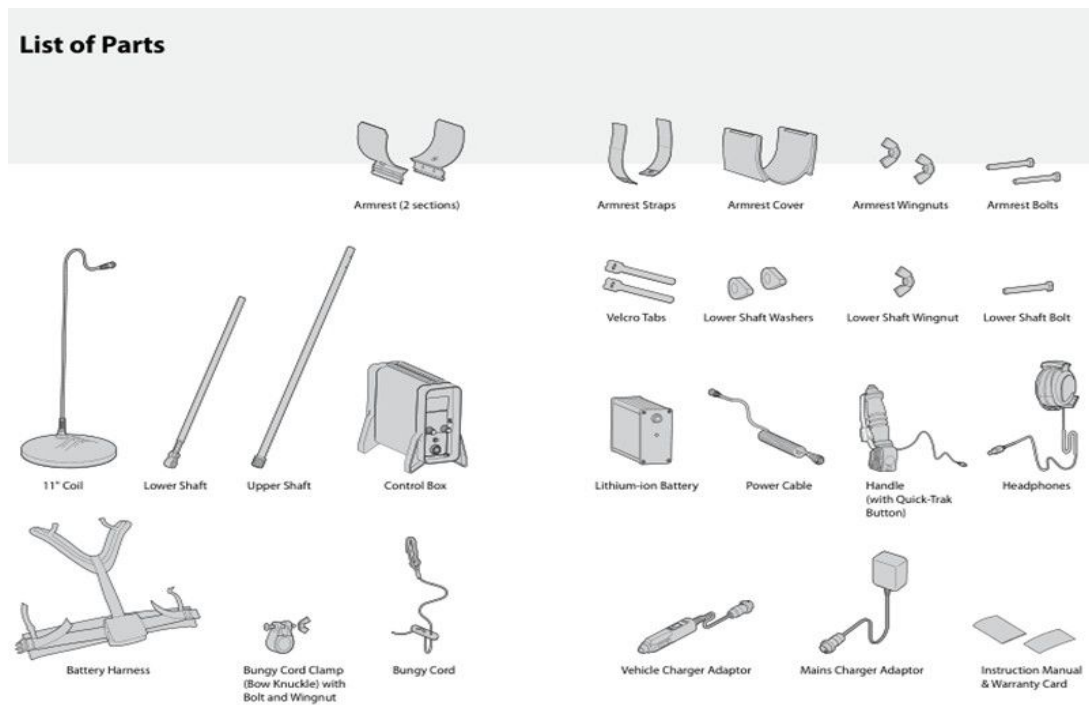
Product Instruction:

Thank you for purchasing the product! With an amazing range of features and functions the MCD-5000B is not only superior to its predecessor, the high performance MCD-5000B is capable of finding more gold than ever before. From sub-gram nuggets to the elusive 'retirement nugget' and everything in between, with the MCD-5000B, you can find it. In addition, the most prominent characteristic is that the type of metal can be identified, allowing you to easily find the available metal objects, which is the function that other similar products are not available. You can go to more places to start treasure-hunting activities, search for coins, jewelry, gold and silver. Note: This instrument shall not be used for illegal activities, otherwise, Users bear all the consequences.

Main Feature:

1. High-brightness LCD monitor can generally display the detected metal type. Like Non-Iron, Gold, Silver and Mixture.
2. GND Balance mode is suitable for searching all metal objects on the ground.
3. In addition to LCD panel display, it can distinguish metal type by tones.
4. With 11 inch super high detecting coil, it can improve the detecting sensitivity, double design on the detecting coil, it's very suitable for horizontal pushing operation on the desert.
5. Equipped with external headphone interface, connecting headphone, easy to use, equipped with large capacity rechargeable lithium ion batteries, with the function of low voltage, extra equipped with charger, full of power for work more than 10 hours.

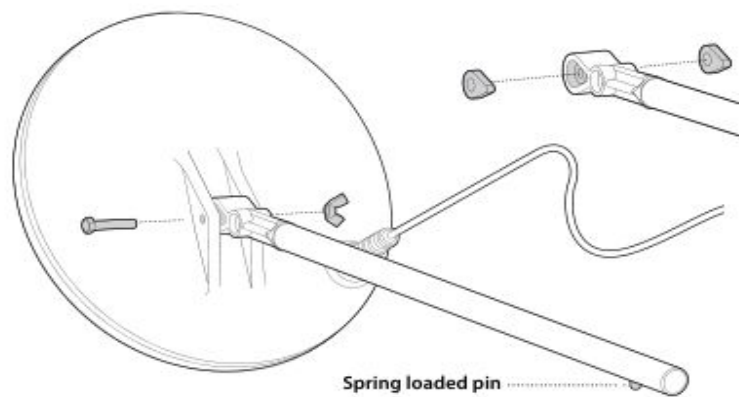
List of Parts:



Assembly

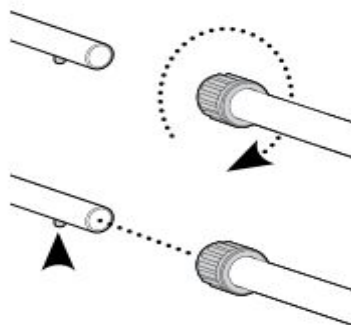
Step: A

- 1.Plug the two rubber washers into the holes on either side of the lower shaft.
- 2.Ensure that the spring loaded pin of the lower shaft is pointing downwards.Slide the lower shaft into the bracket on the top of the coil. Insert the bolt through the lower shaft and the bracket on top of the coil.Fasten with the nut provided;being careful not to damage the thread of the nut by over-tightening.This may need to be loosened to adjust the coil to a comfortable detecting angle.



Step: B

- 1.With the twistlock facing away from you,rotate the twistlock of the upper shaft clockwise to ensure it is loosened,as pictured left.
- 2.Compress the spring loaded pin of the lower shaft.Slide the lower shaft into the upper shaft until the pin reaches an adjustment hole.The pin will spring out and clip into place.
- 3.Rotate the twistlock counter-clockwise to clamp the lower shaft and prevent movement.



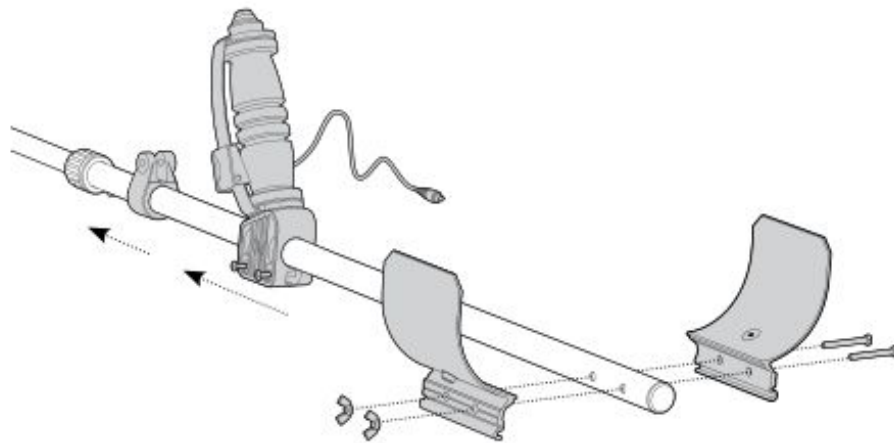
Step: C

Attaching the Handle to the Upper Shaft:

Slide the handle onto the upper shaft so that it angles away from you, as shown below.

Attaching the Armrest to the Upper Shaft:

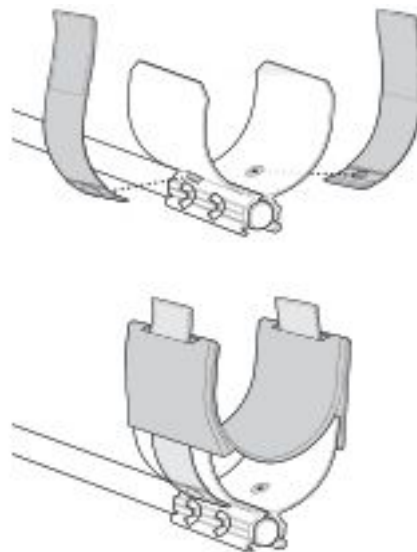
1. Place the two armrest halves on either side of the upper shaft, aligning the armrest and upper shaft holes.
2. Insert the bolts through the armrest and upper shaft holes.
3. Loosely fasten the wing-nuts onto the bolts.



Step: D

Attaching the Armrest Straps to the Armrest:

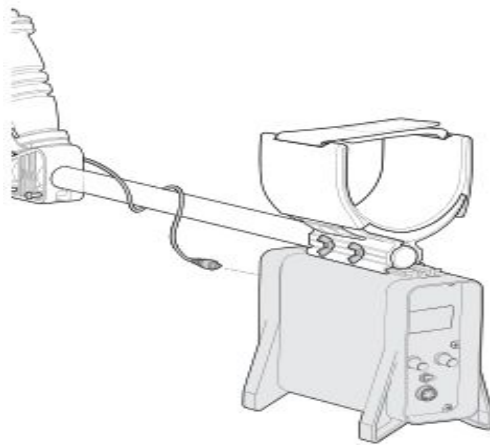
1. Press both strap studs onto the armrest studs.
2. Push the armrest straps through the slots in the armrest cover and then slide the cover over the armrest.



Step: E

Connecting the Control Box to the Upper Shaft:

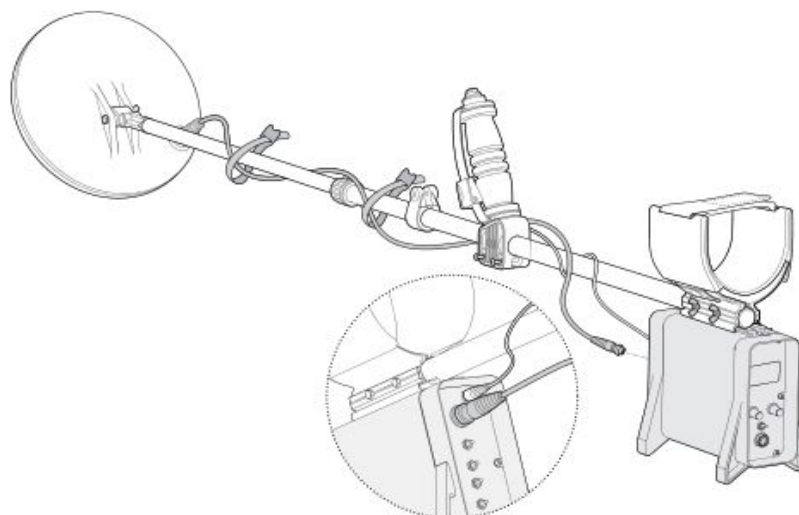
1. Place the detector on a flat surface, with the handle facing upwards.
2. Position the armrest on top of the control box.
3. Clip the control box onto the armrest, ensuring the battery plug faces away from the coil.
4. Fasten with the wing-nuts.
5. Wind the Quick-Trak button cable around the upper shaft and plug it into the Smart Point socket in the control box. Ensure that the cable is wrapped firmly but avoid strain on the connector.



Step: F

Connecting the Coil Cable:

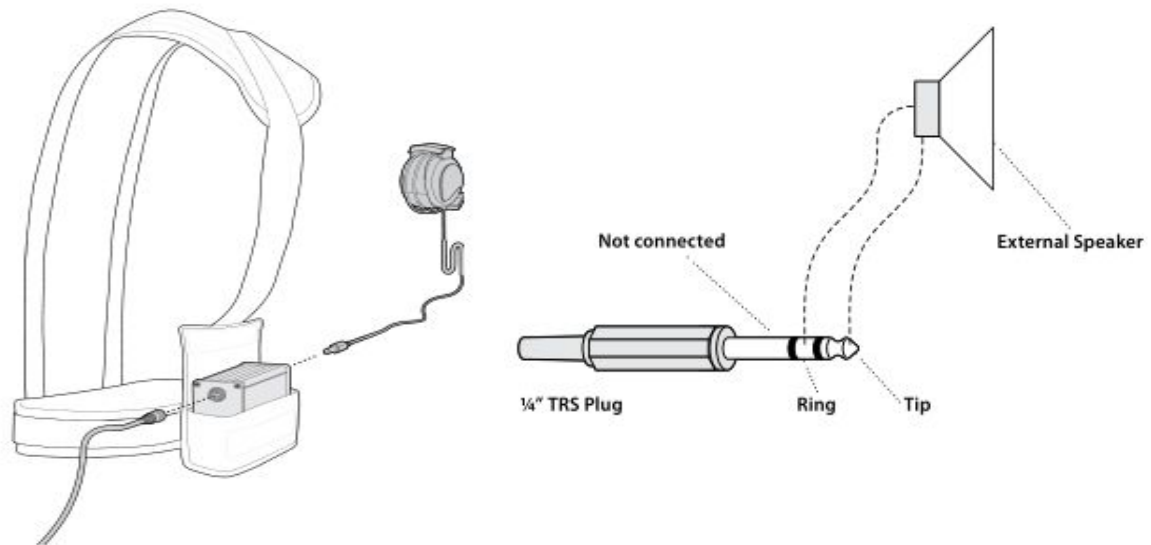
1. Wind the coil cable around the lower and upper shafts enough times to take up the slack. Leave enough slack at the bottom of the cable near the coil to allow the angle of the coil to be adjusted while detecting.
2. Use the velcro straps to secure the coil cable to the shaft.
3. Plug the coil connector into the coil socket on the control box, firmly tightening the retaining ring to hold it in place.



Step: G

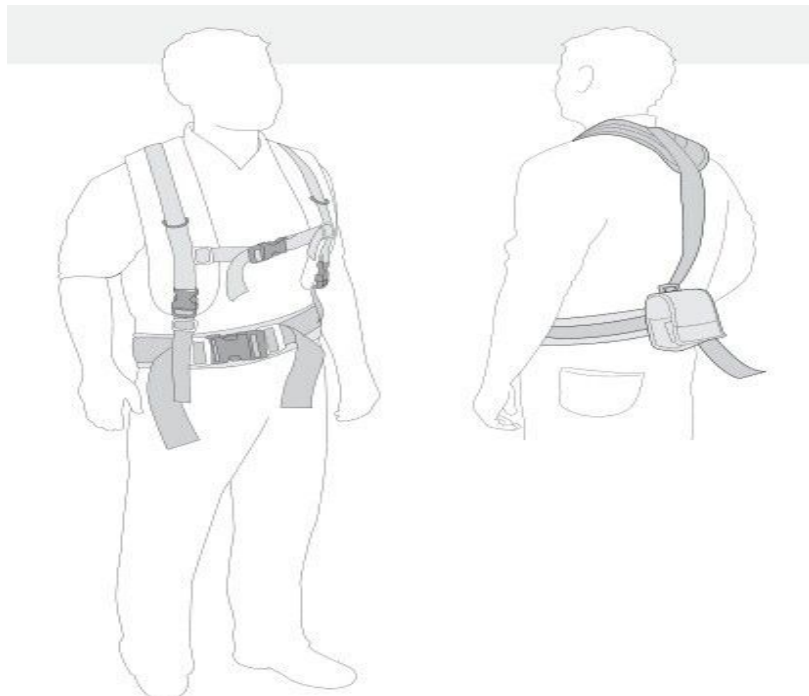
Connecting the Battery Pack:

1. Place the battery into the battery harness pouch.
2. Connect the headphones and the power cable to the appropriate sockets in the battery.

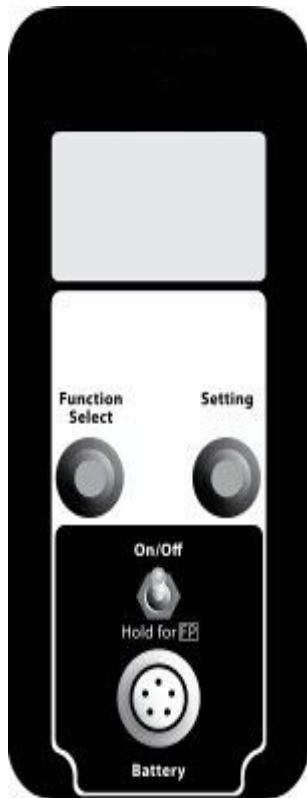


Fitting the Battery Harness:

1. Thread your arms through the harness, so the battery pack sits on your back.
2. Clip the waist and chest buckles together.



Control Panel Instruction:



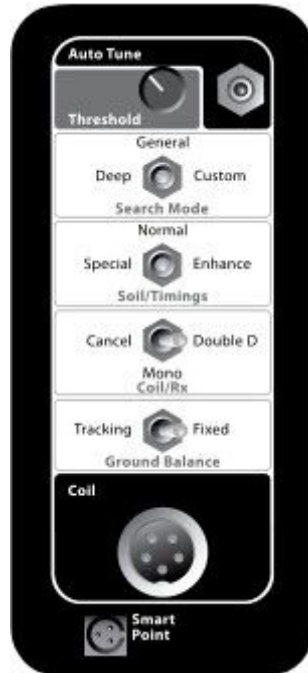
Front Control Panel

MAIN MENU	
BACKLIGHT	2
BATTERY TEST	
VOL LIMIT	12
GB TYPE	GEN
SPECIAL	FINE
MAN TUNE	128
DEEP	
MOTION	SLOW
RX GAIN	11
AUDIO	NRM
AUDIO TONE	50
STABILIZER	10
SIGNAL	16
TARGET VOL	8
RESPONSE	NRM
TRACKING	MED
IRON REJECT	OFF

LCD Menu Structure

1. Assembling machine well, Press the On/Off switch down and release to turn detector on.

2. And then come out MCD-5000B Menu Structure by LCD. Many functions are accessed through the LCD Menu. Note, In LCD Menu Structure. We added Work Mode (GND Balance and Discri Mode). You can set as your requirement. Ensure all settings are saved after finishing setting.



Rear Control Panel

- 1.Auto Tune:Reducing electrical interference
 - 2.Threshold:Adjusting background audio level
 - 3.Search Mode:Deep,General,Custom(Usually General is used.)
 - 4.Soil/Timings:Special,Normal,Enhance(Usually Enhance is used.)
 - 5.Coil/Rx:Cancel,Mono(this button is canceled),Double D(Under GND Balance Work Mode,Ensure that Cancel is selected;Under Discri Work Mode,Double D is selected.)
- Ground Balance:Fixed(Silence),Middle(Audio with headphome),Tracking.

Detecting Tips:

Follow these hints and techniques to help you to utilise the power of you MCD Series detector,to ensure that every trip is a success.

Identifying Target Signals

*Metallic targets will usually give a “solid” sounding signal when the coil is swept across the object from any direction.A metallic target generally produces a short,sharp and mostly symmetrical

signal. Ground noises usually give a broad uneven signal when the coil is swept from different directions, and often may only give a signal from one direction and no signal on the return sweep.

*If you are not sure if the sound is ground noise or a target signal you should always investigate. Scrape a shallow hole about 30mm deep over the suspected target. Sweep the coil over the hole at the original ground level. Do not dip the coil into the hole. If the signal has decreased in volume or is less defined it is probably ground noise. If the signal remains the same or becomes louder, it is likely a metallic target. If you are still not sure make the hole deeper and repeat the process.

*A "halo effect", which may be built up around a buried metal object, makes the object appear to be larger to the detector than it actually is. This will be reduced once the target is disturbed from its position in the ground (e.g. a small object, detected at a substantial depth, may be more difficult to detect once disturbed from the ground and lying in the loose dirt. If the object is re-buried the "halo effect" will not be present).

*Do not try to eliminate what might appear to be a faint, isolated ground noise by balancing the detector over the target; you may be "balancing out" the target response from a deeply buried metallic target. It is better to Ground Balance around the target, without going across it, then switch to Fixed and try Pinpointing.

*Dig all target signals, even in previously detected areas. The MCD Series have superior ground balancing and depth so it is possible to find new targets in well-worked areas where other detectors have been unable to cope with the high degree of mineralisation and/or salt.

*In some mineralised soils a response may be received from a concentration of orange/reddish dyke material or clay. Remember, a metal target will get louder by moving the coil even centimetres closer.

*If detecting areas of extremely variable mineralisation detect along

the ground contours rather than across them. This will often stabilise the effect.

*In heavily mineralised areas the operator may need to sweep the coil 10-20mm above the ground. This should give a more stable Threshold and less ground noise.

*Very sudden or large changes in the mineralisation of an area may produce a signal from the detector. Usually this signal is very broad and often only present in one direction.

Note: The MCD Series are 'motion' detectors. This means the coil must be moving the target, or the target moving over the coil, in order for the detector to 'see' it.

After-sale Service:

Thank you for choosing our devices. We are ready to offer high-class after-sales service.

The services include:

1. Choose the close appointed repair unit if you want to have a maintenance service.
2. If there is any question or difficulty in maintenance, please contact the local repair center.

The guarantee service is not applicable to the security check devices in one of the following conditions. However, they can be repaired with some charge.

1. The trademark or the series number of the device or parts is torn or changed.
2. The device is damaged by improper use, maintenance, or storage.
3. The device is damaged by unavoidable force.
4. The device has been maintained by non-appointed repair unit or personally.
5. The device has been combined or assembled with devices from other

companies, unless obtaining the written agreement of the company.

Special Declaration:

We reserve rights that our product manual update and modify.If any change,Without prior notice.

Old battery must be to deal with in according with local law or rules.

Technical Parameters:

- 1.Detector Depth:1.5-3.5m
- 2.Signal Frequency: 9.6KHz
Audio Frequency:400Hz
- 3.Power Supply:DC12V
- 4.Power Consumption:0.8W
Connecting Rod Length: 1.25m
- 5.Net Weight:4.2kg Gross Weight:5.1kg
- 6.Package Size:89*34*17cm

Packing List:

- 1.Control Box
- 2.Battery Harness
- 3.Lithium-ion Battery
- 4.Coil
- 5.A Set of Detecting Shaft(2 pieces as a set)
- 6.Armrest
- 7.Armrest Cover and Straps
- 8.Charger
- 9.Headphone
- 10.Power Cable
- 11.Instruction Manual