JEOTARA

BionicSystem

USER MANUEL

GOLD

TECHNOLOGY *Since 1986*

JEOTARA

BionicSystem

USER GUIDE

INDEX

LONG RANGE LOCATORS

Human beings have always needed to search for metals and water resources under the ground that are valuable for them both in the past and present time. Because of this need, various methods are employed to detect the targets underground; one of the oldest of these methods is to search for any metals, treasures and water resources underground with natural or electromagnetic antenna systems. The most important factor for the functionality of these methods is the frequencies intensely emitted by the valuable metals (gold, silver, copper, bronze, valuable metals) and gasses underground.

In the nature, all substances are identified by their resonances. These frequencies emitted from all substances enable the valuable metals, treasures, and cavities such as caves, cellars and tunnels to be detected by antenna systems.

As the period underground extends for the objects under the ground, the efficiency of the frequencies they emit is also enhanced. It becomes very easy for the antenna systems to detect these objects. It is possible to detect a treasure of small size even in 20-30 m. deep after it remains under the ground for 50 to 60 years. Also it is possible to detect water and metal beds under the ground up to hundreds of meters with the Area Scanning systems.

JEOTARA "BIONIC SYSTEMS"

As Makro Group, we have developed a system needed by the consumers in terms of area scanning systems with our accumulation of knowledge and long-term R&D efforts. This system is named "JEOTARA 'BIONIC SYSTEM".

The operational principle of this system is based on detecting the frequencies emitted by the target by enhancing the static energy received from the body by an electronic system.

The system is designed to enable the best results on land. With experiences gained in the field, "JEOTARA BIONIC SYSTEM" will become an indispensable device in finding targets.

Jeotara is an efficient detector manufactured for scanning purposes.

Both in our country and abroad, a considerable portion of the treasure hunter's demand is aimed at a system able to scan wide areas at large distances.

This demand has naturally created the effort of manufacturing the needed systems or products in this respect. However, when the results are taken into consideration assertive systems with the features and accuracy have not been manufactured yet. But of course it cannot be neglected that a considerable level has been achieved among the existing systems.

Jeotara is a perfect detector that can make itself mentioned frequently as an important auxiliary system that is indispensable for the user due to its distance detection and strong perception capability.

The users should keep in mind that while making searches with Jeotara, the detected targets should absolutely be checked with a strong detector to confirm the target. As known the scans do not have the function of metal discrimination and the system can detect both gold, silver and similar valuable objects underground as metals and other magnetic impacts of the same effects. Thus, let us remind the importance of detection with a detector able to detect depths that has special features for an accurate detection.

Jeotara is a necessary aid tool for treasure hunters and it should be used in searches as a leading system and it is an important auxiliary device needed intensely under many land conditions and also in cases requiring scanning large areas.

Parts & Accessories

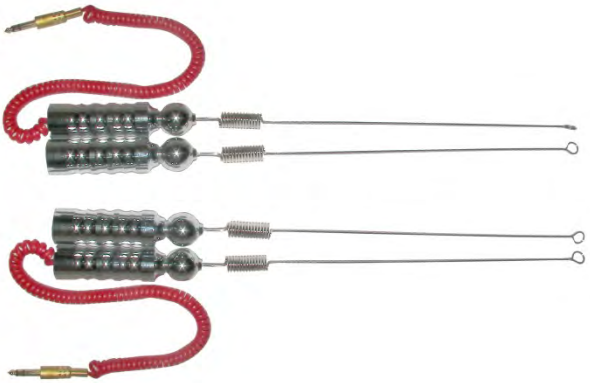
1. System Box :

The System Box is the electronic operational system of the device. The system box contains connectors, lights and buttons.

1. Antenna inputs
2. ON- OFF button
3. System activation light
4. Antenna lights
5. Battery light

2. Antennas

Antennas are the receivers of the ion effects from the soil.



3. Charging Adaptor:

- Only to be used for recharging Ni-Mh batteries.
- Place batteries positioning positive to"+" and Negative to" –".
- Make sure utilizing the charger in adequate voltage.

4. Rechargeable Ni-Mh battery:

Device operates with 2 pieces of 2700 mAh. 1,2 V rechargeable Ni-MH AA/R6 batteries.

5. Carrying Bag :

Designed for storage and carrying the device.

ASSEMBLY & OPERATION

Charging the batteries:

- Please recharge the Ni-Mh AA/R6 batteries with the recharger provided with the device only.
- Avoid recharging other batteries with the provided recharger.
- The estimated recharging time of batteries is 24 hrs.

To recharge the batteries:

- Place the batteries making sure inserting batteries with positive pole to"+" and negative pole to"– "
- Connect the connector to the wall plug
- Charging process will begin with LED light on.

Placing the batteries:

2 rechargeable batteries are placed in the recharger as shown in the Picture below.

Turning ON the system:

Turn the switch to ON position. the "System Active "light will be illuminated when the system is set to ON.

The sockets of antenna 1 and 2 are connected. The antenna lights will be illuminated when the antenna sockets are connected.

If the antenna lights are not illuminated it means that there is a problem in antenna connections.

After the Device is set to ON the "System Active" light will be blinking during 1 minute. After the blinking has stopped the Antenna 1 and 2 lights will be illuminated and blinking. When the antenna 1 and 2 lights are blinking it means the evice is ready and activated.

Battery Level Control:

The level of the battery charge in the system is shown through the battery level lights. The battery level is reported through lights during 1 minute when the device is turned on. In continuation these lights will report the battery level every five minutes until the charge level is down and only 1 LED light is lit. When the battery level is so low as to light only 1 LED light then only 1 light will be lit until the battery is totally out.

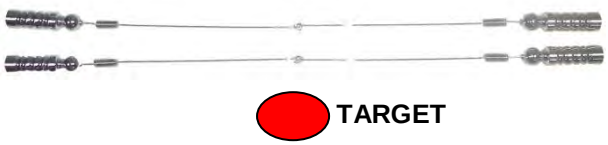
Do not operate the device before recharging the batteries fully once the batteries are out of charge.

USING THE DEVICE:

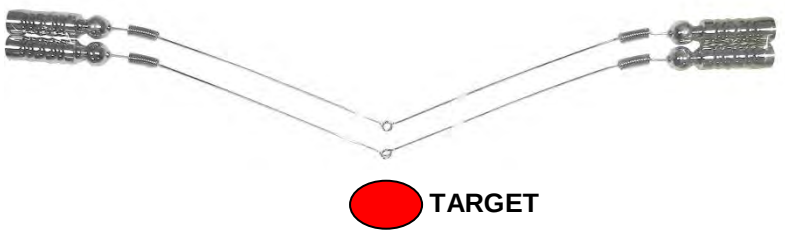
Wear the device around your waist by the help of the clip.

Two people ensure the system to be used. The person who attaches the device around his waist should hold the two cabled tubes attached to the socket and the other person should hold the other two handles so that the tips of the antennas shall be attached to one another.

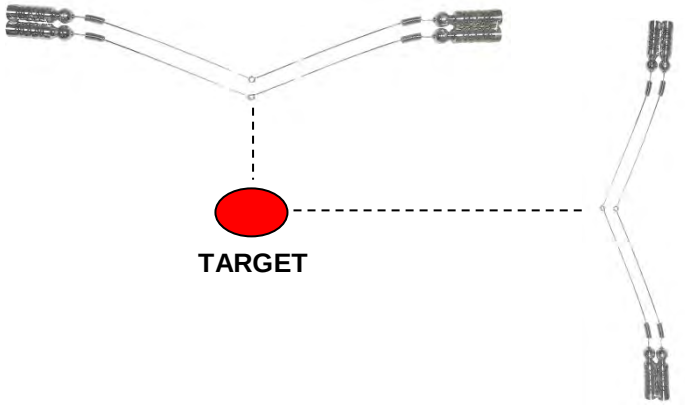
The people using the antennas should hold the antennas parallel to the ground as seen in the figure where a target may be present.



In case of any perceptions in the direction of the possible target, the antennas will bend towards that direction and will point out to the direction of the target as seen in the figure.

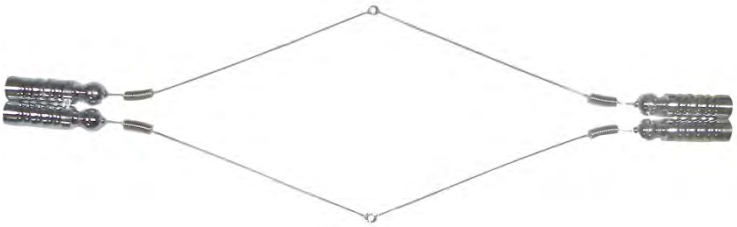


Anywhere considered likely to contain a target should be checked a second time. If an impact is discovered in the same direction, then the intersection point for the effects point out to the target.

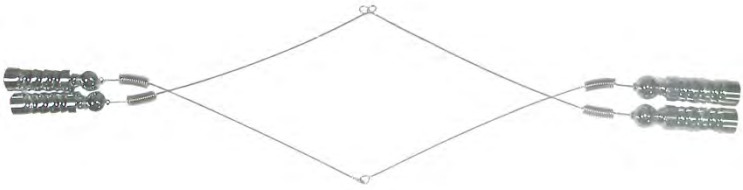


When you are right above the detected target, antennas create different forms depending on the impacts received from the target. The forms obtained on the target are seen in the examples below. You will be capable to interpret these forms better as you get more experienced with the device.

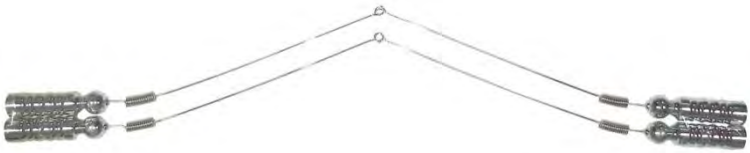
DIAGONAL



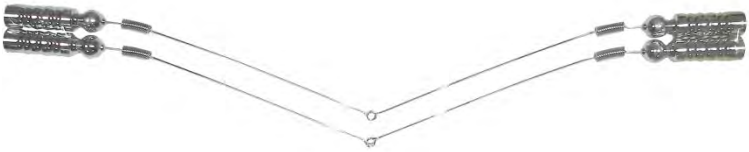
CROSS DIAGONAL



BENDING UPWARDS



BENDING DOWNWARDS



The antenna system used has been designed to detect the ion vibrations occurring in the soil. The targets under the ground causing an ion impact can be detected by this system depending on factors such as distance to the surface and period remaining under the ground.

TECHNICAL SPECIFICATIONS

Operating Voltage	**2.4 V**
Operating Frequency	**5 kHz**
Battery Current	**2.7 A**
Charger	**Ni-Mh Battery Charger**
Input	**AC 220V 50-60 Hz**
Output	**DC 1.4 V 120 mAX2**

Warranty Period: 2 years

Note: Battery, bag and charger are not covered by warranty.

Camlik Mahallesi, Alemdag Caddesi, No:657-659, 34782
Cekmekoy - Istanbul / TURKEY

Tel: +90 216 642 1 444 (pbx) / +90 216 642 4 444 (pbx)
Fax: +90 216 641 61 65

info@makrodetector.com www.makrodetector.com

MAKRO DETECTOR