Hand Held Metal Detector User Manual
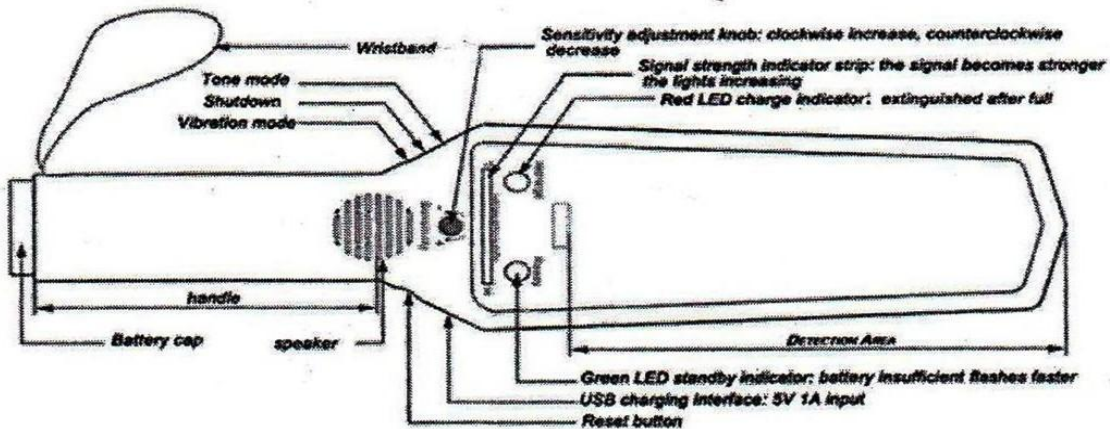## J1-88H/N

Introduction:

it is a small hand-held high senfitivity metal detector with low voltage lithium battery. It is a special tool for security inspection. It's easy to use, the external sensitivity adjustment, fast response to detect metal objects, infection and LED weak luminescence alarm at the same time, and are equipped with a vibration function which is very convenient to use in a noisy environment. When detecting large metal objects, it makes high audio and sharp tones for security personnel to distinguish. The machine with built-in high-capacity polymer lithium battery with a micro USB interface and can use the android mobile phone charger to charge machine directly, fast charging with preventing overcharge and discharge protection circuit, high safety, can also use mobile power bank to realize using while charging (can also select 9V alkaline battery 6F22-S006P for power supply). This machine is mainly used in airpoJ station, wharf,' courts, prisons, customs, public security, frontier defense, security departments, sports venues, places of entertainment such as security checks, as well as electronics factory, artificial jewelry co, hardware factory which require high security checks, can search all kinds of hidden weapons, knives and b.idden metal objects which is endangering the personal safety, also can be used to check hand baggage, mail and   ; Rd can also be used for detecting gold, s‹lver, copper, aluminum, and other precious metals and rare metals.

Operation instruction

If you choose the 9V dry battery power supply, please remove the battery cover clockwise. Install 9V new alkaline battery (6F22·S006P type) on the button of the battery correctly, and pay attention to the positive and negative polarity of the battery, then screw the battery cover counterclockwise.

Hand hold the metal detector will switch OFF position dial up, placed in A position, is to switch the audio alarm on, self-inspection after 1 ~ 2 seconds (if self-checking time is too long, please press the Reset button), positive green Ready light flashing instructions (once every three seconds flashing), red lights, signal strength indicator light blue lights dim light first, said in A state of conventional detection sensitivity. When the switch from the OFF position down to three toggle switch, upon the vibration alarm just plug in, the machine is in alarm vibration mode is suitable for use in noisy environments, vibration mode relative to the audio to demanding, in order to extend the battery life, please use the machine in the audio alarm mode.

When detecting area scanning through a known metal target (such as COINS), audio alarms, the positive strength red light is lit up at the same time, the more close to the metal items the more light of red indicator. When detecting large metal objects (eg, a knife), the tone of the voice will be higher, indicating that the light will be brighter, as opposed to the detection of small pieces of metal.

Indication function

The power switch has two main functions and three positions. Power: A - OFF - V (audio - shutdown - vibration)

Audio Alert   Audio Alert sounds when a scanning area detects a metal object.

Light Alert

When metal is detected, the front strong and weak indicator light glows red alarm.

Vibration

When the switch to V pattern, and when detection area detect metal objects, the

normally (two seconds flash), and the red Charging light will go out.

External sensitivity adjustment

Machines have external type sensitivity adjustment knob, can very good to adapt to different occasions the high-standard requirements for use, clockwise by high sensitivity, counterclockwise to lower sensitivity, when rotating hear kaka says it has turned to the limit, please stop rotating.
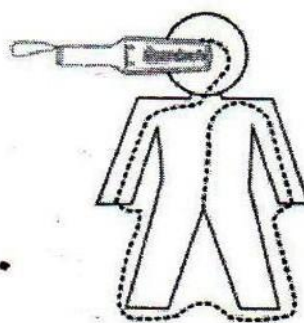
Convenient charging

The machine is built with a large, low-voltage polymer lithium battery, And are equipped with a Micro USB interface can be used directly to Micro USB android 5v charger and charging line on the machine, (note that MAC is used instead of the Micro USB interface so apple data line can't recharge detector) the proliferation of the smart-phone s basically every family has several sets of 5v charger kit, bring detector can charge at any time, avoid the waste of resources. (optional charging set)

Body Scanning Procedure

Front scanning(figure 3)   SIDE SCANNING(FIGURE 4)

First, the scan examines the front of the body, starting from the right shoulder of the body that is examined, moving down to the right ankle, moving to the left ankle, and then moving up to the left shoulder. (see figure 3)

Then, scanning the back of the body, it begins by scanning the back of the body, scanning the outer contour of the body for a circle, and then scanning it down to the middle of the back. (see figure 4)

When detecting the foot and ankle area, it is best to let the inspectors to stand in the absence of metal table scan again, if there is no non-metallic mesa please keep probe perpendicular to the foot, about 1 ~ 2 inches from the ground (3-6 cm) scan, can also decrease the sensitivity. (note: for better inspection effect, it should be carried out on the ground far away from the metal.)

Maintenance

When not in use, the metal detector should place the switch in the "OFF" position and keep the metal detector clean and dry. In order to maintain the appearance of neat, can be used wring dry wet cloth scrubbing, but do not use chemical cleanser to clean.