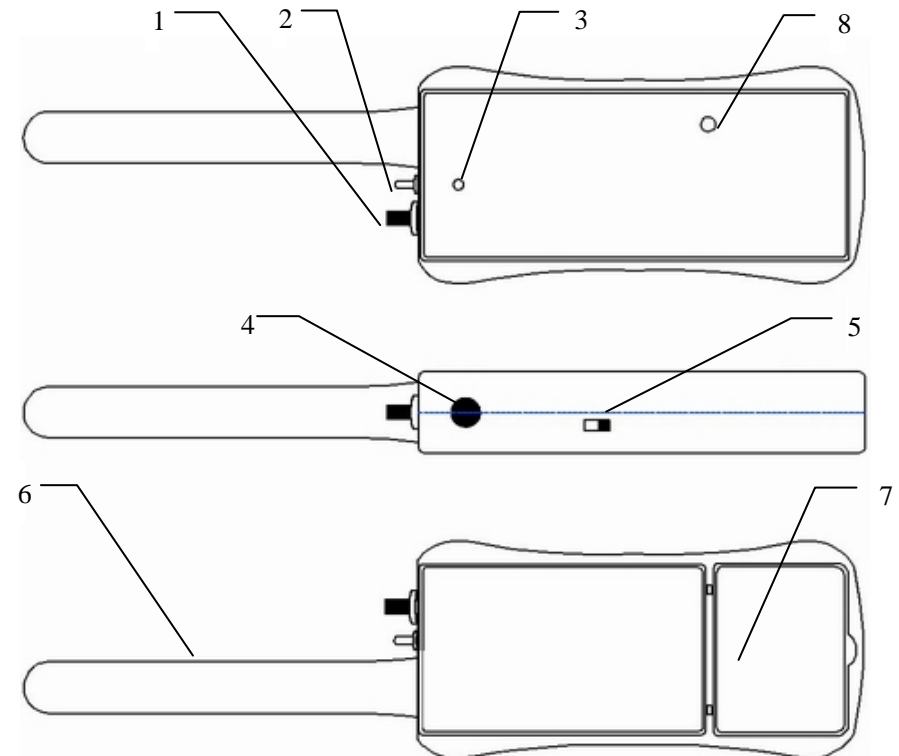

OPERATING MANUAL

Dual-Use Ultra High Sensitivity Pinpointer TX-2002



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DETAILS:

- | | |
|---------------------------------|---|
| 1. Sensitivity Adjuster | 2. Power Indication Light (White Color) |
| 3. LED Alarm (Green/ Red Color) | 4. Power on/off Button |
| 5. Audio Switch | 6. Detection Probe Stem |
| 7. Battery Compartment | 8. Buzzer |

INTRODUCTION

The **Dual-Use Ultra High Sensitivity Pinpointer** is a miniature version of a primary detector. It communicates through sound and lights, has 10cm waterproof detect pole and comes with the belt mountable holster.

The modern electronics and simple to use design make locating elusive targets easy in any environment including grass, mud, dirt, sand, black sand, or even in wet place. Also, it can be used in detecting the steel rods and other metal materials in concrete wall.

The detector is versatile and easy to use. Without it during detection, you will waste time and energy.

With your TX-2002 pin-pointer, you can locate elusive metal such as small coins, relics, jewelry, gold and silver, etc.) in sands, dug holes, divots, tec. The detector is versatile and easy to use. Without it during detection, your will waste time and energy.

SPECIFICATION

Power: 9V Standard or Rechargeable Battery

Operating Frequency: 90KHz

Audio Frequency: 2.3KHz

Operating Current: 50mA

Operating Voltage: 9V

Operating Temperature: -5°C to +55°C

G.W for UNIT: 145G

Size for Unit: 22.5(L)*6.5(W)*3.0(H)cm

CAUTION

- Control box is not waterproof, so care should be taken to protect it from moisture and muddy, gritty hands.
- Place batteries matching the polarity symbols (+ and -). If the unit is not to be used for a certain length of time it is advisable to remove the battery to avoid battery leakage which could cause serious damage to the detector.
- When not in use the detector should be stored in a dry warm environment.

MAINTENANCE

- If the green light goes out completely or fails to come on or if the unit is making unfamiliar audio tones, the unit is unstable and should not be used until the battery is recharged or replaced.
- If the unit is not to be used for a certain length of time it is advisable to remove the battery to avoid battery leakage which could cause serious damage to the detector.

When not in use, the detector should be stored in a dry warm environment.

FEATURE

- **Communicates with buzzer and LED light:** Unit signals with buzzer and red LED light when a target is located.
- **Detection depth stability:** New advanced circuitry maintains the unit's detection distance throughout the life of the battery.
- **True target direction:** The Pinpointer detects at the tip only, not along the shaft, enabling precision target pinpointing.
- **Adjustable sensitivity:** Suitable for different demands.
- **On/Off button switch:** On/Off button switch is in the side of the pinpointer. The place of the switch is easier for operation. Has white LED Power ON Indication.
- **Waterproof:** Unique sealed design of the detection pole allows the Pinpointer to be used in the rain, mud or any wet place.
- **Low power consumption:** Pressing ON all the time until a target is found, this operation method reduces the liability to waste the power during no detection.
- **White LED light:** Pressing the Power Switch, the white LED is lit. It is used instead of torch.
- **Easy battery installation:** The standard nine-volt battery is quickly changed without tools.
- **Solid construction:** The detect stem's rugged sealed construction and good material are built to last.

OPERATION

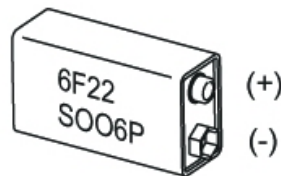
Before detection, sensitivity must be tuned for maximum sensitivity-critical point, to do so, gently press and hold on the Power Button (4). The Power Indication light (2) change into white color. Then turn the Sensitivity Adjuster (1) (black tuning spindle alongside the base of the stem) until audio (buzzer) just cut off and target indication light (3) just change from red color to green color. Maximum sensitivity is now tuned.

During detection, you must press the Power Button (4) all the time until a target is found. If you turn the Audio Switch (5) on, when the end of the probe stem (6) is placed in close proximity to a metal target, the target indication light (3) will change from green color to red color, and the buzzer will bleep; if you turn the Audio Switch (5) off, there is no audio alarm.

Changes in temperature and declining battery power could cause the tuning to drift, so an occasional re-tune may be required. Sensitivity is determined by both the size of a metal target and its composition eg. Ferrous (iron) or non ferrous (brass, copper, silver, etc.)

Installing Battery

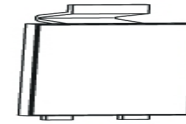
You need 1 9-volt (6F22, S006P or equivalent) battery to power your detector



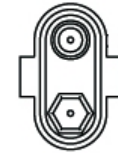
9V Battery

- (1) Make sure the detector is off.

- (2) Open the battery cover from the Battery Compartment (7) and then pull out the battery connector cap. Plug the cap onto the battery. Care should be taken for the polarities symbols (+ and -) which are marked inside and on the battery. The polarities of the battery must be matched with the polarities of the battery cap.
- (3) Insert the battery with the cap on it into the Battery Compartment.



Battery Cover



Battery Cap

AUDIO MUTE

When the audio is not required, it can be switched off via the slide Audio Switch beside the Power Button.

PERFORMANCE

The sensitivity of the detector is determined primarily by the size, shape and composition of the object to be detected.

Typical performance figures are given below :

Maximum Detection Range

Object	Sensitivity
One Coin	3-6cm