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› AKS Intelligent Metal Detector User Manual

## SHYEKYO AKS1400

# AKS Intelligent Metal Detector User Manual

Model: AKS1400 | Brand: SHYEKYO

## PRODUCT OVERVIEW

The SHYEKYO AKS Intelligent Metal Detector is a high-sensitivity and stable device designed for locating various types of metals, including gold, silver, copper, and precious stones. It utilizes a remote search system and a precise location detection system to accurately pinpoint buried objects.

Equipped with a microelectronic processor control chip unit, this detector offers efficient and quick scanning, improving the efficiency of detection and reducing labor intensity. It is an ideal tool for treasure hunting and geological exploration.



Image: The AKS Intelligent Metal Detector system, including the main handheld detector with antennas, the separate transmitter box, and a durable silver carrying case for transport and storage.

## SAFETY PRECAUTIONS

- Handle the device with care to prevent damage.
- Always follow the charging instructions provided to prevent fire hazards and ensure battery longevity.
- Do not attempt to disassemble or modify the device, as this may void the warranty and pose safety risks.
- Keep the device away from extreme temperatures and moisture.



Image: A visual reminder to observe safety cautions when operating the metal detector, depicted with a treasure chest, symbolizing the potential finds and the need for careful handling.

## COMPONENTS AND PACKAGE CONTENTS

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Your AKS Intelligent Metal Detector package includes the following:

- Main Detector Unit (Receiver) with Antennas
- Transmitter Box
- Carrying Case
- Charging Cable
- User Manual
- Keys for Carrying Case



Image: Detailed view of the main detector unit, transmitter box, and carrying case, showing their respective dimensions and the included accessories like the user manual and keys.

## SETUP

1. **Charging the Device:** Before first use, ensure both the main detector unit and the transmitter box are fully charged. Connect the charging cable to the charging interface on each unit and plug it into a suitable power source. The charging indicator light will show the charging status.
2. **Assembling the Detector:** Attach the antennas to the main detector unit. Ensure they are securely fastened.
3. **Positioning the Transmitter:** The transmitter box should be placed on the ground or a stable surface in the area you intend to search.
4. **Wearing the Detector:** The main detector unit is designed to be held. Refer to the "Operating Instructions" section for proper holding techniques.



Image: A close-up view of the detector unit with its indicator lights illuminated, signifying that the device is powered on and ready for operation.



Image: A close-up view of the receiver unit's control panel, highlighting the power switch, selection buttons for different metals (Gold, Silver, Copper, Diam), the scanner button, and the charging interface.

# Transmitter Details Description

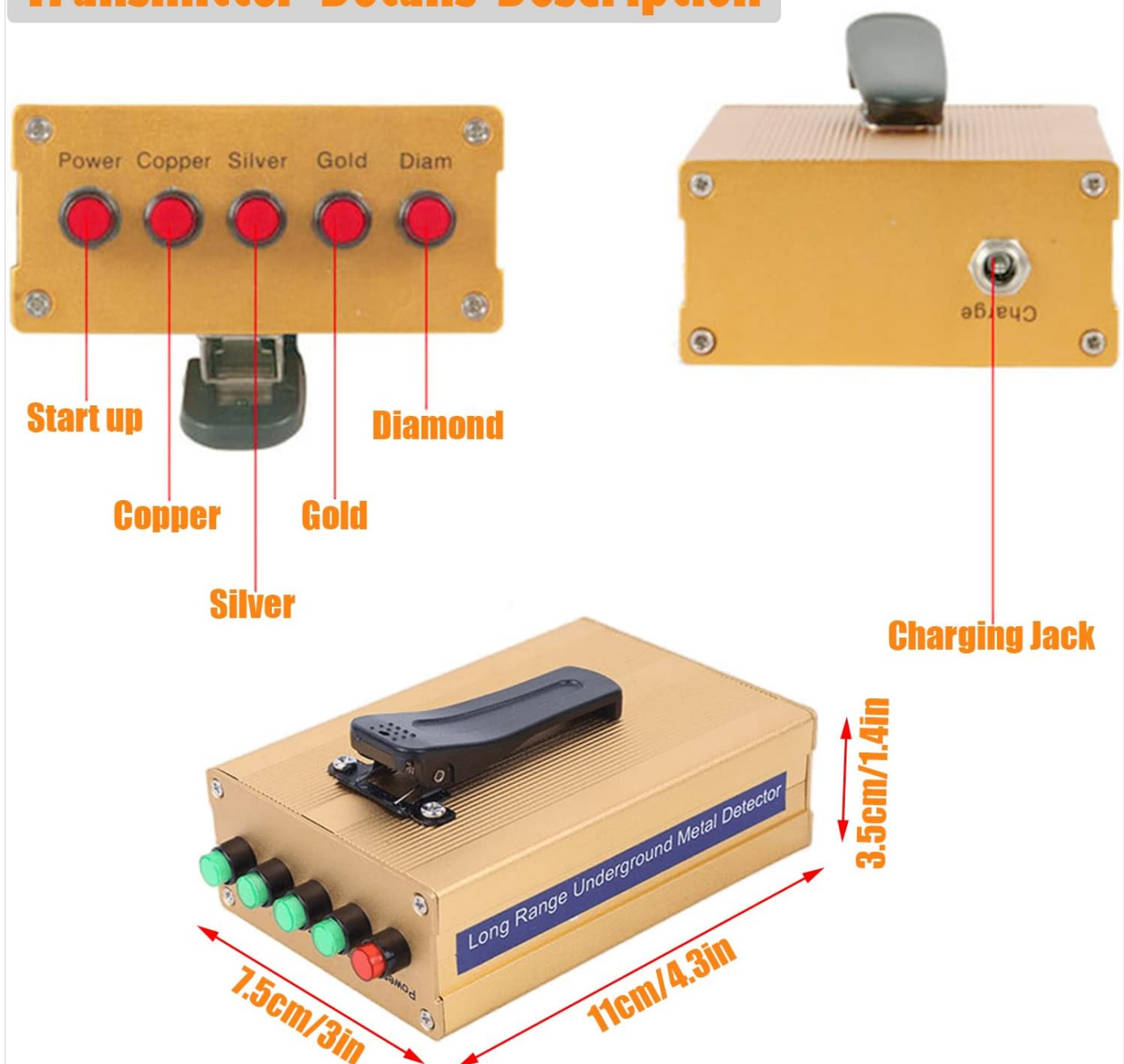


Image: A detailed description of the transmitter unit, showing its power button, selection buttons for Copper, Silver, Gold, and Diamond, and the charging jack. Dimensions are also indicated.

## OPERATING INSTRUCTIONS

### 1. Proper Holding and Positioning

- Hold the main detector unit with the antennas pointing forward.
- Keep the host parallel to your thigh.
- Ensure the detector is on the same side as the host (transmitter).
- Maintain an upward rake of 1-3 degrees when holding the instrument.
- Extend the receiving antenna correctly, at a 90-degree angle to your body.



Image: A diagram illustrating the correct way to hold and position the metal detector for optimal performance, showing the main unit held forward, the host parallel to the thigh, and the detector on the same side as the host.



Image: Illustration of holding the detector with an upward rake of 1-3 degrees.



Image: Diagram indicating the recommended 40-60 degree scanning angle.



Image: Illustration of extending the receiving antenna at 90 degrees to the body.

## 2. Selecting Target Metal

On the main detector unit, use the selection buttons to choose the type of metal you wish to detect (Gold, Silver, Copper, Diamond). The corresponding indicator light will illuminate.



Image: A visual representation of the different types of metals and items the detector is capable of finding, including gold coins, silver, rings, screws, and gems.

### 3. Scanning and Detection

Once the target metal is selected, begin scanning the area. The detector will emit signals to locate the buried objects. The scanning light will indicate activity.

The device uses a remote search system. When the detector indicates a target, move around the area to narrow down the location. The intersection point of multiple scans will indicate where the target is buried.



**High Precision**



**High Sensitivity**



Image: An illustration demonstrating the high precision and sensitivity of the metal detector, showing detection waves emanating from the device and locating buried metallic objects like gold and rings.



Image: Diagram showing how the intersection of two scan lines indicates the precise target area.



Image: Illustration of a search pattern, indicating how to narrow down the treasure's location by observing signal strength along South/North lines.



Image: A diagram illustrating a systematic rectangular search pattern to effectively cover an objective metal area.

#### 4. Detection Range and Depth

The detection capabilities vary based on the object size and burial duration:

- For 5x5 cm objects, the instrument can detect at least 3.5 meters.
- For 30x30 cm objects, detection range is 5 to 8 meters.
- If 30x30 cm objects are buried for a long time, they can be detected up to 20 meters.
- For very large objects, the detection depth will be even greater, up to 25 meters inspection depth and 1400 meters search area.

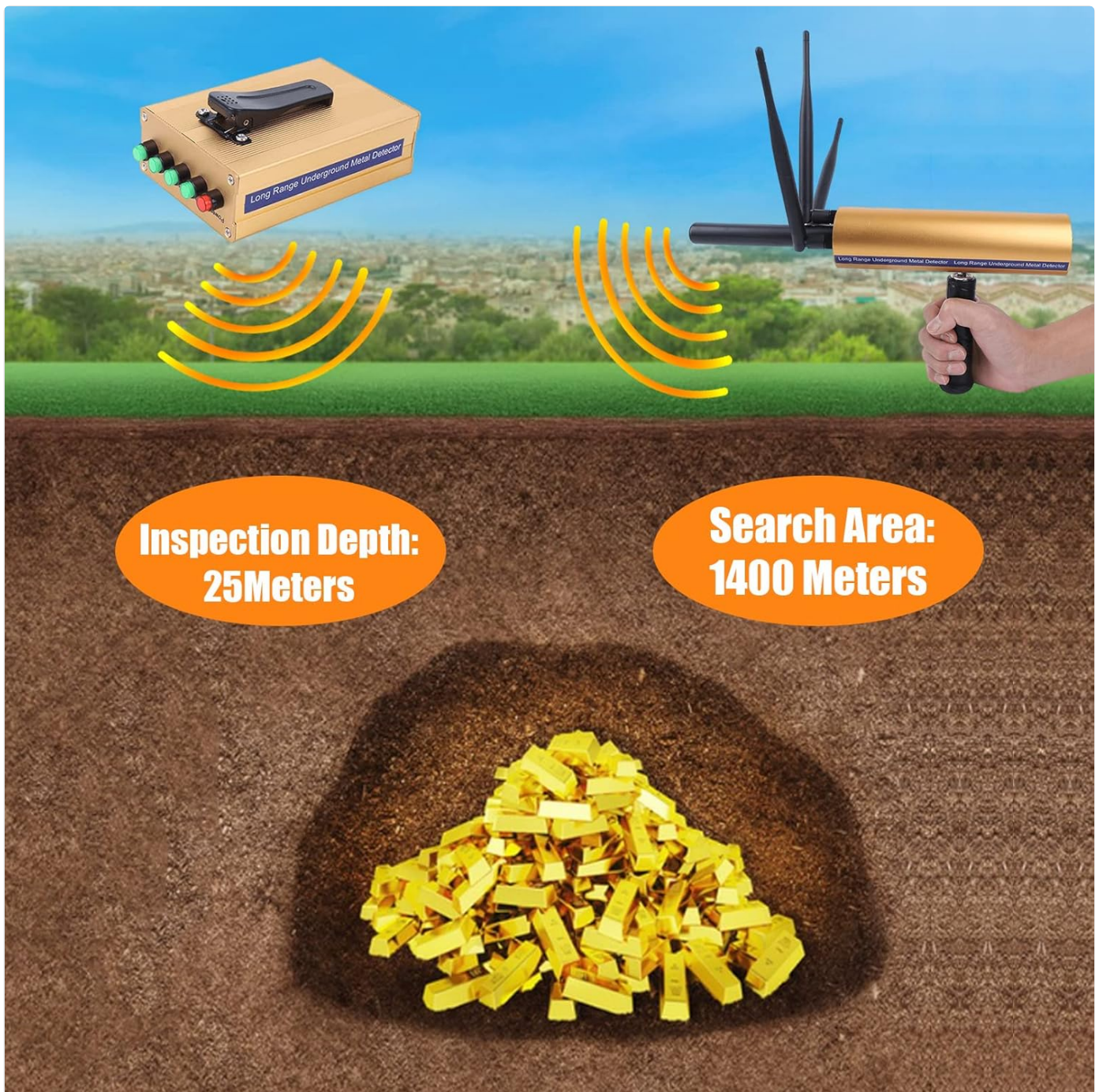


Image: A visual representation of the detector's impressive capabilities, showing an inspection depth of 25 meters and a search area of 1400 meters, with gold bars buried deep underground.

## MAINTENANCE

- **Cleaning:** After each use, wipe down the detector and transmitter with a soft, dry cloth to remove any dirt or moisture. Do not use abrasive cleaners or solvents.
- **Storage:** Store the device in its original carrying case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Care:** Recharge the batteries regularly, even if the device is not in frequent use, to maintain battery health. Avoid fully discharging the batteries for extended periods.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on.	Battery is low or depleted.	Charge the device fully. Ensure the charging cable is properly connected.
Inaccurate detection or no signal.	Incorrect holding angle or antenna position; environmental interference; target metal not selected.	Review "Operating Instructions" for proper technique. Move to a different location. Ensure the correct metal type is selected.
Short battery life.	Battery not fully charged; aging battery.	Ensure full charge before use. If battery life significantly degrades, contact customer service.

## SPECIFICATIONS

Feature	Detail
Brand	SHYEKYO
Model Number	AKS1400
Color	Silver
Material	Metal
Power Source	Battery Powered
Batteries Required?	Yes
Extended Length	34 Centimeters
Adjustable Length	Yes
International Protection Rating	IP54
Operating Frequency	40 Hz
Recommended Uses	Metal Detection
Display Type	LCD
Product Dimensions	16.6 x 4.8 x 8.7 inches
Item Weight	5.68 pounds

## WARRANTY AND SUPPORT

For any questions regarding your SHYEKYO AKS Intelligent Metal Detector, please contact customer service. We are committed to providing comprehensive and helpful support.

Please refer to your purchase documentation for specific warranty terms and conditions.

