

AL-MD-SB

Hand held Metal Detector



The hand held metal detector is a high-performance and portable device that detects magnetic and non-magnetic metal. It can detect knives, tiny and non-magnetic metal objects, and more. It supports multiple alarm modes, has a long standby time and meets the requirements of many scenarios.

Functions

Detection Accuracy

Ultra high sensitivity.

Alarm Mode Switch

Adjust through light switch and vibration switch. Modes include light alarm, light & vibration alarm, light & sound alarm, and light & vibration & sound alarm.

Sensitivity Adjustment

Adjust the sensitivity for detection zones. Sensitivity levels: Low, medium, high and ultra-high.

metal detection intensity

Indicates 4 levels of metal detection intensity by the number of indicator lights that turn on.

Variable Alarm Tones

Indicates 4 levels of metal detection intensity by variable alarm tones.

Power Saving

Enters standby mode and turns off its lights when idle for 2 minutes; Shuts down automatically when idle for 10 minutes while in standby mode.

Low Power Alarm

The low voltage indicator flashes when battery is low.

Detection Distance

Maintains defined detection distance when battery is low.

Drop Test

Drop Height: 1 m (3.28 ft).

- Compact, light, and easy to operate
- Sensitive, accurate, and high-performance metal detection
- Automatic detecting, large-scale scanning, and accurate positioning
- Detects magnetic, and non-magnetic metals such as coins and precious metal jewelry
- Detects tiny and non-magnetic metals
- Sensitivity levels: Low, medium, high and ultra-high
- Alarm modes: Sound, light, and vibration
- Enters standby mode and turn off all its lights when idle for 3 minutes
- Turns off automatically when idle for 10 minutes
- The low voltage indicator flashes when battery is low

Technical Specification

General

Power	2 × AA alkaline battery, or NI-MH/Ni-Cd rechargeable battery
Overall Exterior Size	378 mm × 80 mm × 36 mm (14.88" × 3.15" × 1.42")
Packing Size	433 mm × 129.5 mm × 70 mm (17.05" × 5.10" × 2.76")
Standby Power Consumption	30 mW
Sound and Vibration Power Consumption	450 mW
Standby Time	100 h (alkaline battery)
Operating Frequency	97 KHz
Detection Zone	155 mm × 80 mm (6.10" × 3.15")
Alarm Volume	≥ 75 dB
Sensitivity Level	4
metal detection intensity Level	4
Operating Temperature	-20 °C to +65 °C (-4 °F to +149°F)
Operating Humidity	0%–95% (RH), non-condensing
Material	Acrylonitrile butadiene styrene (ABS) plastic
Net weight	320 g (0.71 lb)(without battery)
Gross Weight	620 g (1.37 lb)

Certification

Certification	GB12899-2018 IEC 60068-2-1 IEC 60068-2-2 CE-LVD: EN62368-1 CE-EMC: Electromagnetic Compatibility Directive 2014/30/EU FCC: 47 CFR FCC Part 15, Subpart B
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Ordering Information

Type	Model	Description
Hand Held Metal Detector	AL-MD-SB	Advanced and accurate hand held metal detector
Accessories	LR6	2xAA 1.5V Alkaline batteries

Accessories

Optional:



LR6
2xAA 1.5V Alkaline
batteries

Dimensions (mm[inch])

