



Metal Detectors for Beginners and Hobbyists Specification Sheet

Entry-level ground detectors with enough discrimination that a beginner stops digging junk.

Models in this sheet: MD-4050 Metal Detector for Beginners, MD-4060 Entry Level Metal Detector, MD-3030 LCD Display Starter Metal Detector, MD-3008 Ground Beginner Metal Detector

Figures in this document are those published by the factory for each model. Where a value is shown as TBC it is not published, and we confirm it with the factory before order rather than estimate it. Specifications are subject to change without notice.

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1. MD-4050 Metal Detector for Beginners

The MD-4050 gives a beginner the two things that decide whether the hobby sticks: an LCD that names the probable metal type and target depth before digging, and three-tone audio so different metals sound different. It has All Metal and Discrimination modes, plus a notch function to ignore junk metal, and the build is specified for use in saltwater as well as fresh.

Key benefits

- LCD shows probable metal type, target depth, DISC/NOTCH range and sensitivity
- Three-tone audio discrimination separates metal types by sound
- Notch function ignores junk metal and keeps valuable targets
- Built for saltwater as well as fresh water use without corrosion
- Super slow sweep identification for careful target discrimination

Specification

Modes	All Metal and Discrimination
Display	LCD showing metal type, target depth, DISC/NOTCH range, sensitivity and battery condition
Audio	Three-tone discrimination, high, medium and low
Discrimination	Notch and DISC, with super slow sweep identification
Headphone Jack	3.5 mm
Water Use	Suitable for fresh water and saltwater

2. MD-4060 Entry Level Metal Detector

The MD-4060 is the entry-level model that adds manual ground balance, which is the control that actually matters when the ground changes. It runs VCO circuitry with digital signal processing and three-tone audio discrimination, weighs just over 2 pounds, and carries the same LCD as the rest of the range showing metal type, depth and sensitivity.

Key benefits

- Manual ground balance for accurate results across different terrain
- VCO circuitry with digital signal processing
- Three-tone audio discrimination to learn what each signal means
- Just over 2 pounds, light enough for a long session
- Usable in all weather conditions

Specification

Ground Balance	Manual
Circuitry	VCO with digital signal processing
Audio	Three-tone discrimination
Display	LCD with metal type, depth, DISC/NOTCH range, sensitivity and battery condition
Weight	just over 2 pounds
Shaft	Adjustable length
Headphone Jack	3.5 mm

3. MD-3030 LCD Display Starter Metal Detector

The MD-3030 keeps the controls to a minimum: two sensitivity modes, normal and high, set from an LCD rather than guessed at by sound. It has a waterproof design for wet and saltwater conditions, and it is light and compact enough to carry anywhere, which is what a starter detector is actually judged on.

Key benefits

- Two sensitivity modes, normal and high, set from the display
- Waterproof design for wet conditions and saltwater environments
- Lightweight, compact and portable
- Built-in speaker with LCD showing target type and depth
- No complicated controls to learn

Specification

Sensitivity Modes	Normal and high
Display	LCD with metal type, depth, DISC/NOTCH range, sensitivity and battery condition
Audio	Built-in speaker with three-tone discrimination
Construction	Waterproof design for wet and saltwater conditions
Shaft	Adjustable length
Headphone Jack	3.5 mm

4. MD-3008 Ground Beginner Metal Detector

The MD-3008 sets its own sensitivity: an automatic function adjusts to surrounding conditions so detection stays stable without the user re-tuning. It carries a 170 mm waterproof search coil usable in shallow water, gives more than 10 cm on a US quarter, and powers down the display after 5 seconds of inactivity to save the six AA cells.

Key benefits

- Intelligent automatic sensitivity keeps detection stable as conditions change
- 170 mm waterproof search coil usable under shallow water
- More than 10 cm detection on a US quarter
- LCD powers down after 5 seconds of inactivity to save battery
- Adjustable stem and meter indication of detected metal

Specification

Sensitivity	Adjustable, more than 10 cm on a US quarter
Search Coil	170 mm waterproof, usable under shallow water
Display	LCD, powers down after 5 seconds of inactivity
Batteries	6 x AA
Headphone Jack	1/8 inch
Stem	Adjustable
Unit Packing	1 piece per box, 67 x 18 x 12 cm, 1.1 kg gross
Carton	5 pieces, 61 x 19 x 69 cm, 6.4 kg gross and 4.8 kg net