

## QUICK USE SHEET FOR FAMOUS TRAILS MD3006 & MD7012

### OPERATING INSTRUCTIONS:

1. Set **BATT TEST** to **OPERATE**
2. Holding the detector comfortably rotate **MODE** to desired position:
  - a. Set to **VLF** to test battery and adjust **TUNE** and **GROUND**
  - b. Set to **TR1** to detect extreme differences in metals (such as between gold and iron)
  - c. Set to **TR2** to detect finer distinctions (such as aluminum and gold)

### TUNING METAL DETECTORS:

1. **TUNE** balances detectors receiver and transmitter to provide consistent pointer and tone indications.
2. Rotate **VOLUME** to 10 o'clock
3. Set mode to **VLF**
4. Set **GROUND**, **DISCRIMINATION**, and **SENSITIVITY** to midrange
5. Holding the search coil 1 ft. from ground/ metal object, depress the red button on handle and rotate **TUNE** until view meter points to 0. (note: to return pointer to center of view simply press red button)

### TESTING AND USING METAL DETECTORS:

1. Indoor testing:
  - a. Remove all metal jewelry, place detector on wooden or plastic table, and adjust search coil to angle up.
  - b. Set **MODE** to **TR1** and move sample metal 2 in. above search coil. (Metal detector will not detect without motion)
  - c. If metal is detected indicators will flash and pointer will move to **FERROUS** or **NON-FERROUS** accordingly.
2. Outdoor testing:
  - a. Locate area free of metal and place item to be tested (coin or gold ring) on ground.
  - b. Set **MODE** to **TR1** and sweep search coil from side to side about 1-2 in. above area.
  - c. Detector will respond strongly when it detects most valuable objects. If signal does not repeat after being swept over object a few times, the metal is probably junk.
  - d. After finding a metal item, wait a few seconds to allow detector to reset.

### ADJUSTING SENSITIVITY:

1. To adjust coil's ability to detect objects at varying depths, rotate **SENSITIVITY** between **MIN** and **MAX**, leaving it set as high as possible for maximum detection depth.
2. If detector begins to chatter decrease sensitivity until noise stops
3. To set **GROUND**, set **MODE** to **VLF**. If pointer swings right turn **GROUND** to left and vice-versa. Lift coil at least 12 in. from ground and press red button to return pointer to center. Repeat these steps until pointer stays close to center each time coil is lowered

### ADJUSTING DISCRIMINATION:

1. If **MODE** is set to **TR2**, start with **DISCRIMINATION** set to mid-range, and adjust to best position while in use.
2. As you set the discrimination to higher levels you will be able to pass over small objects without detection.