

METAL DETECTOR



Control Information: (Touch pads)

One Touch: *Three Functions*

- * Turns detector on
- * Turns detector off
- * Resets detector to factory calibration.

Set Depth: (Sensitivity)

- * Permits using the + and - touch pads to regulate depth (Sensitivity) of the detector.

3. **Set Disc:**

- * This control pad in conjunction with the Target ID Cursor lets you regulate the discrimination pattern and sets notches by turning Discrimination Segments on and off. If a Discrimination Segment is on (Showing on lower scale), Pressing this pad will turn it off. If it is not shown, pressing this pad will turn it on.

- & +: *Two functions*

- * To move the Target ID Cursor when setting discrimination notches
- * To adjust levels of depth (Sensitivity).

Special Note: If you are ever unsure about the settings of your detector, simply press the ONE TOUCH pad and hold for approximately 10 seconds (or until you hear a single "beep") to restore the factory settings.

Graphic Display

Target ID Guide:

- * At the top of the control panel coin denominations and other information are listed for use with the Target ID Cursor to assist in identifying targets.

Upper Scale:

- * Indicates target discovered
- * Indicates Depth (sensitivity)

Lower Scale:

* Indicates Discrimination Segments whose pattern will form Discrimination Notches.

4. **Battery:**

* Indicates battery condition.

Operation

- * Grasp the detector handle and lower the search coil to a level about one foot above the ground.
- * Press and release the ONE TOUCH pad. After you hear two beeps, the Ultra GTA 350 is automatically ready for detecting with discrimination initially set at the factory to find Coins while ignoring most foil, pull-tabs and other metallic trash.

NOTE: Only a light touch is all that is necessary to activate any touch pad.

- * This initial discrimination pattern can be changed easily, but you may never want to do so. It is recommended that you not change the factory settings the first few hours you hunt.

Scanning

Swing the search coil back and forth in front of you in a straight line. Keep the search-coil moving at a rate of about one to two feet per second. Maintain your coil at a height of one to two inches above the ground. The Target ID Cursor on your Graphic Display, with acceptable targets also causing an increase in sound, will indicate detection of any metal target.

Junk Targets

Your GTA 350 in its initial factory settings will not respond audibly to most junk items. Occasionally, you'll encounter targets that cause the detector to respond with a quick, sharp sound...not like the clear, strong signal of a coin. Before you dig up some of the targets that make irregular audio "blips", see where the Target ID Cursor is in relation to the Discrimination Segments on the Graphic Display. To turn off your detector simply press and release the ONE TOUCH Touch-pad.

Depth (Sensitivity)

When DEPTH touch pad is pressed, the display screen will appear (with factory setting at approximately 75% as indicated in the Upper Scale). You can use + and - touch pads to adjust the depth to which the detector will operate effectively. After pressing the DEPTH touch pad, press + to increase detection depth. Press - to decrease. A single touch and release adjusts the level in a small increment. The Upper Scale on the Graphic Display indicates the levels that are available. Minimum depth is 25%. When you have made your adjustment, either press DEPTH again to return to your operating mode or wait five seconds or the detector will return to this mode automatically.

Setting Discrimination: Selecting Notches

The Graphic Display contains 17 Discrimination Segments. Those that are visible (or, turned on) represent targets that will cause the detector's sound to increase when they are detected. When all segments are shown, for instance, every metal target will cause the detector to respond. The Target ID Cursor (s) will always indicate every detected target.

There are two methods of setting discrimination

1. Press + and - touch pads to position the blinking Target ID Cursor above the Discrimination Segment corresponding to the target that you desire to be announced audibly when detected (or to be ignored). If the segment is turned on, that particular target will cause the detector to sound. If you wish the detector to remain silent when that type target is detected, press the DISC touch pad. The segment will disappear, creating a "reject notch." If the Discrimination segment is not visible, press DISC touch pad to turn it on, creating an "accept notch, and your detector will begin audibly announcing targets represented by that segment.
2. Pass the search coil over an object to be accepted or rejected or pass that target across the face of the coil about two inches from its surface. Check to make certain there is an appropriate Target ID Cursor on the Graphic Display. Press DISC depending upon your discrimination choice for this specific target.

Note: Each time the detector is turned off all accept/reject discrimination selections that have been made will be retained. Whenever the detector is turned on, discrimination settings will be those being used at the time it was turned off.