

VLF/SPD

BOUNTY HUNTER®

RB10

Eight Inch Coplanar coil, waterproof & lightweight



PUSH BUTTON TUNER MODE SWITCH

Convenient thumb-push button in the tip of the handle may be pressed momentarily to re-establish the tuning threshold... OR... TO CHANGE MODES... It is not necessary to change the mode select toggle switch each time. If searching in the ALL-METAL VLF mode, depressing the push-button switches the unit to the S.P.D. DISC mode and keeps it there for as long as the button is depressed.

lightweight Adjustable Aluminum Shaft



Stereo Headphones Included

Snap off Battery Door

MONT'S RELIC JUNKTION

544-9657



AUTOMATIC PUSH BUTTON GROUND ADJUST.

Now Bounty Hunter® gives you with its RB10 the only TRUE AUTOMATIC GROUND CANCELLATION. The RB10 is the easiest, fastest and most accurate ground adjusting unit on the market today. With just a push of a button you're automatically adjusted.

RB-10

- 3 1/4" Intensity Meter
- Battery Check Switch
- Tuning Control
- on/off Volume
- Mode Select Switch
- Discrimination Level Control
- Ground Adjustment Control
- 2 1/4" speaker
- 3/4" Headphone Jack

Typical Depth Range* RB-10 w/8" Coil

Test Objects	Distance from Coil	
	From	To
Dime	9"	13"
Penny	11"	15"
Quarter	13"	17"
Half Dollar	15"	19"
Silver Dollar	16"	20"
3 1/2" Jar Lid	25"	29"
Cannon Ball	36"	40"

*These performance figures are based upon Air Tests performed in our laboratories. While these figures do not necessarily represent how the detector will operate in the field, they are given as an aid to the buyer to show comparative performance relative to our own instruments.



*Lifetime Warranty

Simplified Operation Instructions

These simplified instructions are merely intended to be a quick introduction to the detectors operation. For the most accurate and successful usage, it is imperative that the detailed operating instructions be read and understood thoroughly.

Hold unit so coil is approximately 2 feet off the ground.

1. Place mode switch in "VLF/SPD" position.
2. Turn Volume control fully clockwise.
3. Adjust tuning control for .15 on meter.

The unit is now completely tuned and is ready to be ground adjusted.

4. Place mode switch in "All Metal" position, and with the coil approximately 2 feet off the ground...
 5. Depress "Ground Adjust" button and lower coil to ground. "Ground Adjust" button *must be released* as soon as coil reaches ground level...*
- The unit is now fully ground adjusted in both "All Metal" and "VLF/SPD" modes.

Note: The ground area must be free of all metal objects to properly ground adjust unit...

6. To "Discriminate", set mode switch to "VLF/SPD"
7. Set "Discriminate Level Control" at desired position as shown below.

By switching to the "Discriminate" Mode, many unwanted items are rejected automatically. These items include foil, wire, nails and any small size linear scrap.



The drawing to the left shows the sequence of rejection using the Disc. Level Control. Each instrument is individually calibrated. Levels may vary slightly from what is shown, but the sequence is still the same.

Note: The search coil must be moving to detect a target when using in the "VLF/SPD" Discriminate mode.

8. To use in the "All Metal" mode, simply place mode switch in the "All Metal" position.
9. To change "Modes" momentarily, depress "Push Button Tuner/Mode change switch".

Example:

- A. If searching in the "All Metal" mode, depressing the push button switches the unit into the "SPD Discriminate" mode, for as long as the push button is depressed.
- B. If searching in the "SPD Discriminate" mode, depressing the push button switches the unit in to the "All Metal" mode for as long as the push button is depressed.
- C. If searching in the "TR Discriminate" mode depressing the push button switches the unit into the "SPD Discriminate" mode for as long as the push button is depressed.

* If pushbutton is not released as soon as coil reaches ground level the unit will go into search mode and begin to oscillate. When this condition occurs, raise coil, retune unit by depressing "Pushbutton tuner/mode change switch" and repeat Ground Adjust Procedure.

If unit still does not ground adjust properly, place sensitivity switch in the normal position.

RB-10 SPECIFICATIONS

1. Operating Frequency	6.75 KHZ
2. Audio Frequency	480 Hz
3. Operating modes	VLF/SPD VLF/All Metal TR/Discriminate
4. Ground Adjust	Yes, Pushbutton Automatic.
5. Output Indication	3 1/2" Meter 1 M.A. Movement
6. Speaker	2 1/2" 16Ω impedance
7. Battery Current Consumption	A. No sound 46 M.A. B. Normal Operation (Threshold) 48.54 M.A. C. Full sound 125 M.A.
8. Battery Supply	8 ea. AA
9. Battery Life	A. Carbon Zinc 8 Hrs B. Alkaline 32 Hrs C. Ni-cad 9 Hrs
10. Battery Test	Yes, Pushbutton switch
11. Coil Diameter	8 inch Ultra wide scan Coplanar loop, waterproof, lightweight, temperature compensated
12. Optional Coil(s)	6 inch 12 inch
13. Weight with batteries	4 lbs 5 oz

SENSITIVITY CONTROL (Maximum Depth Control)

Normal Mode—To be used when one encounters high electrical interference, ie; high tension wires, factories, or when using near other metal detector users.

Normal Mode will give the user maximum depth under these conditions.

High Mode—To be used when one encounters little or no electrical interference or when using in areas where there are no or few detector users. High Mode will give user maximum depth under these conditions.

IMPORTANT:

The High Mode should always be used for maximum depth in VLF/SPD and VLF/All Metal modes, except when encountering a ground adjust problem or high electrical interference. The Normal Mode should always be used when searching in the TR Discriminate mode.

AUTOMATIC PUSH BUTTON GROUND ADJUST (Pat Pending)

Bounty Hunter[®] proudly introduces another breakthrough in metal detector technology.

AUTOMATIC PUSH BUTTON GROUND ADJUST.

Now Bounty Hunter[®] gives you with its RB10 the only TRUE AUTOMATIC GROUND CANCELLATION. The RB10 is the easiest, fastest and most accurate ground adjusting unit on the market today. With just a push of a button you're automatically adjusted.

SYNCHRONOUS PHASE DISCRIMINATION

(Pat. No. 4128803)

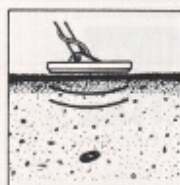
Another Bounty Hunter FIRST. The revolutionary S.P.D. circuitry enables Discrimination at VLF Depths. This patented technique uses a type of analog computer that reads the sensing signal of

the combined target and matrix (supporting soil around the target), then subtracts the effects of the matrix—leaving only the sound of the target itself to analyze.

A - Detector with VLF



B - Standard TR Discriminate



C - VLF/SPD Discriminate



COMPARE PERFORMANCE

The RB10 is the most powerful and versatile Metal Detector ever produced for the Treasure Hunter. Shown on the right is the relative performance of:

NOTE: The search coil must be moving to detect a target when using in the "SPD" Discriminate mode.