

INSTRUCTION MANUAL

CSI 921

- (1) The on/off switch is located on the left side of the handle, easily accessible with the thumb on your right hand. Off is in the forward position, On is in the reverse position.
- (2) Unfold the metal detector so that the circle is at the top of the handle, DO NOT OPERATE the detector with the sensor loop folded over. The sensor will give false readings.
- (3) Glide the wand above the area being examined about 1" (25mm) away from the surface. (sensitivity can be adjusted for greater or less distances, see calibration at the end of the manual.)
- (4) When the metal detector locates an object, it will make a audible sound. The wand will only sound for a second or two then stop, even if the wand is directly over an object containing metal the sound will stop. The detector must stay in motion over the metal area to confirm its detection.

Specifications:

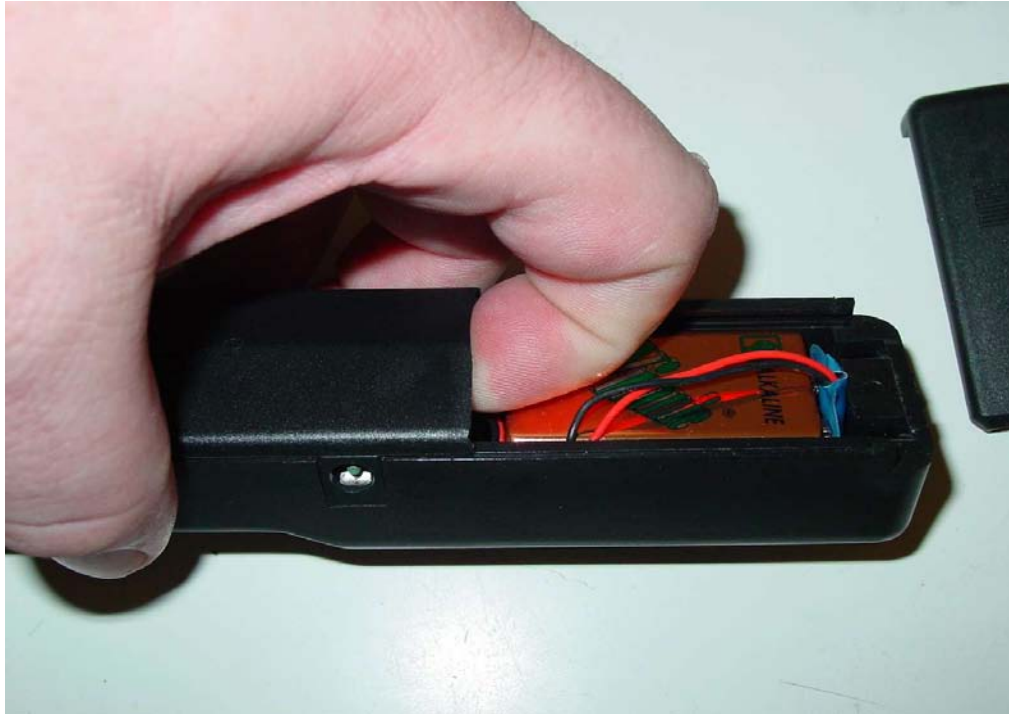
Current consumption:	< 16ma
Working temperature:	- 10 ~ 40Deg C
Power Supply:	9V DC
Probe size:	134mm(L) x 70mm(W)
Length:	258mm (folded) 392mm (unfolded)
Weight:	0.36Kg

How to calibrate the sensitivity of your unit.

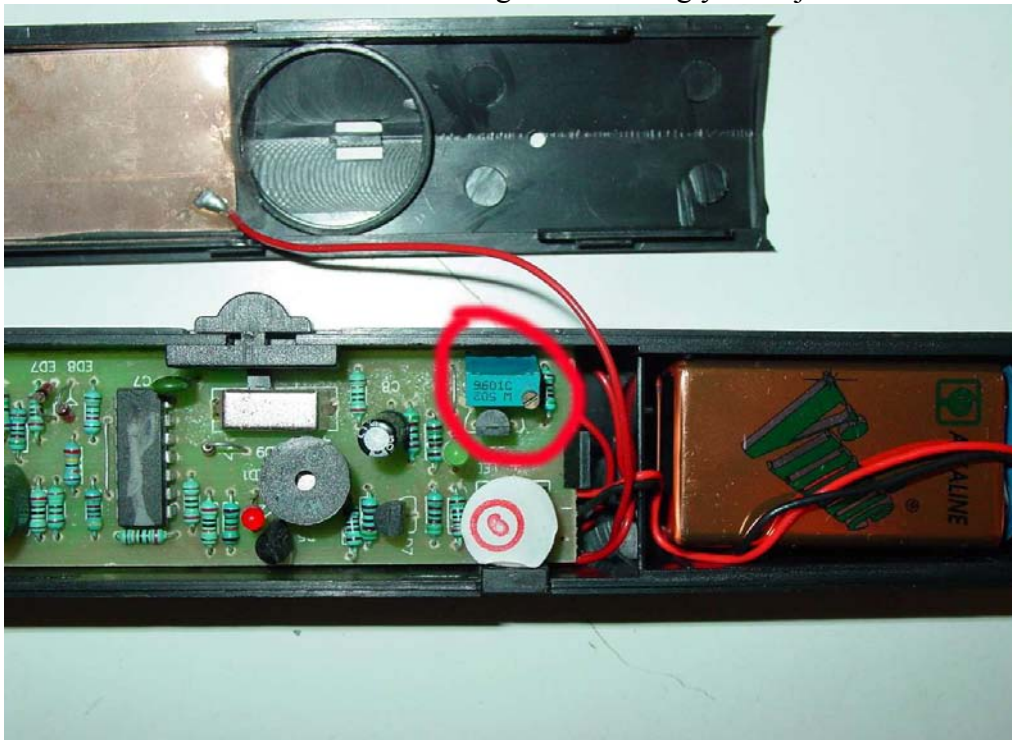
Each unit will have to be calibrated to the sensitivity that meets the users needs.

(1)Open the battery compartment. Install a fresh battery to insure accurate calibration.





- (2) Remove the back cover by applying pressure inside above the battery compartment.
- (3) Locate the potentiometer circled in the center of the 3rd picture.
- (4) Using a small screw driver to turn the potentiometer (CW) clock wise to make it more sensitive and (CCW) counter clock wise to make it less sensitive.
- (5) With the unit on, wave a second screw driver over the sensor ring at the distance you want metal to be detected, do not exceed 3 inch (8cm). The second screw driver should be in constant motion over the sensor ring when making your adjustments.



- (6) When putting the cover back on, make sure the potentiometer is pulled away from the side just enough to allow the cover to slip back into place. Snap the cover back into place.
- (7) Install the battery cover and you're finished.

Trouble Shooting:

Continues audible sound: The unit's calibration is too sensitive and needs to be reduced.

Warranty Statement:

Circuit Specialists, Inc. warrants this product to be free from defects caused by workmanship or production error for a period of 12 months after the initial purchase date. Circuit Specialists Inc. will, at its' option, repair or replace any defective unit with a working unit after the defective product has been returned, freight prepaid to Circuit Specialists, Inc. Should you have a defect that is covered by this limited warranty, please contact Circuit Specialists, Inc. (1-800-528-1417/ 480-464-2485) for an RMA number prior to returning the unit. Products that are damaged from misuse are not covered by this limited warranty.