

AD2300/V HAND HELD METAL DETECTOR USER GUIDE

FUNCTION: *ADAMS MODEL AD2300/V* is a Fully Automatic, very high sensitivity hand held metal detector designed for the detection of small fragments as well as large amounts of ferrous and non-ferrous metals, simultaneously, during security search procedures.

FEATURES: On the top panel there are two rocker switches the switch on the right hand side of the unit is the on/off switch, and the rocker switch on the left hand side of the detector is to select the Vibration alert or audio visual alert features. A green flashing LED power ON/OFF indicator light and a Yellow LED - LOW BATTERY indicator light.

As the Adams model AD2300/V is a fully automatic metal detector, there are no sensitivity adjustment controls. (If the AD2300 sensitivity needs to be re-calibrated or re-adjusted it can be done using a trimmer adjustment tool supplied with the detector.

OPERATION: When the on/off rocker switch is in the back position the detector is in the Off mode. When the rocker switch is in the forward position the AD2300/V is on the ON mode. To operate the detector, switch the AD2300 to the forward on position. A green coloured indicator LED will flash to show that the detector is activated. To search and detect metal objects, use a constant sweeping motion as close to the surface of the subject to be screened, for greater find capability. Smaller objects will be indicated with a shorter beep or vibration alert. Larger objects will give a slightly more extended alarm indication.

BATTERY: Due to the ultra low operating (no metal present) current any 9V battery such as PP3, 6F22 or equivalent is satisfactory to power the AD2300/V for extended periods of use without the need to change or charge the battery. When the battery power is running low, the Battery Low Indicator (Yellow coloured LED) will illuminate. The operator should now replace the battery. When an additional continuous Red alarm coloured L.E.D. illuminates with a continuous visual and audible or vibration alert alarm signal the battery is completely exhausted and should be charged or replaced. The battery is contained inside the hatch cover located on the underside of the AD2300/V and accessed by 1 screw. The battery may be removed by compressing the battery against the tension spring and withdrawing the battery. Replacing battery: Insert battery against tension spring which should then be compressed, insert battery into compartment taking care to ensure + and - polarities are correct.

RECHARGING: To recharge the AD2300 is very easy. Repeat the procedure of the expired battery indication (as read above). Plug the charger into the nearest wall socket and plug the charger into the metal socket located at the handle end of the detector AD2300/V. Switch the charger to the ON position. A green indicator light will flash on the charger and the orange coloured LED will flash. When the unit is fully charged the orange LED will stop flashing and the green LED will illuminate and stay illuminated indicating that the unit is ready for use.

AUTO-RANGING: This unit automatically adjusts for optimum performance for any size target with instant re-set.

(If the AD2300 sensitivity needs to be re-calibrated or re-adjusted it can be done using a trimmer adjustment tool supplied with the detector. To do this the trimmer tool should be inserted in the small hole located underneath the at the underside of the detector

TECHNICAL INFORMATION: (If the AD2300 sensitivity needs to be re-calibrated or re-adjusted it can be done using a trimmer adjustment tool supplied with the detector. To do this the trimmer tool should be inserted in the small hole located underneath the battery hatch cover located at the handle end of the detector on the underside of the detector. Turning the trimmer tool clockwise increases the detectors sensitivity, turning the trimmer counter-clockwise decreases the sensitivity. ANY ADJUSTMENTS TO THIS CONTROL SHOULD BE DONE ONLY BY A QUALIFIED PERSON.

PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE