



General Purpose Metal Detector – AD11-2



Adams AD 11-2 hand held metal detectors are suitable for similar applications as the AD10-2 model but with increased sensitivity to detect masses of less than 0.1g. An alarm indication is given by a piezo sounder and a high intensity LED when the battery is running low and a continuous audio/visual LED signal that the battery is exhausted. The AD11-2 model also has a simultaneous audio-visual alarm facility with the added ability, via a two-position rocker switch, to turn off the audio sounder. This gives the operator a visual only alarm indication for more discrete user-operations. This model has proven to be very successful for a wide range of applications including VIP searches, warehouse loss prevention security, nightclubs, courtrooms, police force applications and many more.

Operating at a low energy frequency of 20 KHz all Adams hand held metal detectors use Linear Detection Technology (LDT) as the detection system. Developed in the Adams Electronics Incorporated research facility, Linear Detection Technology (LDT) produces a clean signal free from transient noise or unsafe high energy, yet enables a detection sensitivity that can detect even the tiniest fragments of metal – accurately and safely.

All the metal detectors in the general purpose range are medically tested and approved, providing no risks to pregnant women or persons with pacemakers, or any interference to magnetic recorded material. Additionally, the unit is protected against environmental conditions and waterproofing to IP64 (IEC 529). It has been tested and approved to EEC EN5008-1 Table 1. EN50082-1 Table 1:1.1 Radiated emissions. Conforms to international standards: CE mark IEC, NILEC of FCC, FAA.

AD 11-2 Specifications

Length: 362mm; **Width:** 55mm; **Height:** 30mm; **Weight:** 262g (including battery) **Sensitivity:** AD11-2 down to better than 0.1grms **Operating temperature:** -20C to +65C. **Storage temperature:** -30C to +80C **Humidity:** 98% **Operational Frequency:** 20 KHz **Audio Frequency:** 3.4 KHz **Quiescent current:** 3mA **Alarm current:** 6mA (Higher alarm current for detectors with “Vibration Alert” mode) **Alarm indication:** Piezo audio alarm and High intensity LED **Sound:** On/Off switch allowing discrete detection