

# AD - SERIES

After many years of active service our “AD” series hand held metal detectors need no introduction. They have been operating around the clock under some of the harshest working conditions year after year.

As a result of our uncompromising standards in manufacturing and design, Adams Electronics has a continuous development program in progress. The ongoing improvement of micro-technology has allowed us to constantly upgrade our “AD” series detectors, maintaining our position at the cutting edge of modern technology.

With many thousands of these detectors in use around the world, the Adams AD Series detectors are the preferred choice of metal detector where superlative performance, durability and reliability are essential requirements.



## **AD10-2**

Our general-purpose hand held metal detectors are designed and manufactured to endure 24- hour continuous use in the toughest of working environments.

After many years of reliable service our model AD10-2 is currently supplied world wide to Airports, Law enforcement, Federal, and State Departments, as well as Military and many other applications.

\* **Sensitivity to 0.1 grams**

\* **Detection mass – long alarm: large target - short alarm: small target**

\* **Alarm indication: High intensity L.E.D and piezo sounder –**



## **AD11-2**

Suitable for similar applications as our model AD10-2, Model AD11-2 also has a simultaneous audio/visual alarm facility, with the added ability, via a two-position rocker switch, to turn off the audio sounder, giving the operator a “visual only” alarm indication for more discreet user-operation.

This model has proven to be very successful for a wide range of applications including Airport security, VIP security screening Warehouse loss prevention, Nightclub security, Courtrooms, Law enforcement applications and many more.



## **AD11-V *Vibration Alert***

Model AD11-V has our standard simultaneous audio/visual alarm facility, but with the added ability, via a two-position rocker switch, to switch the detector to either standard “audio/visual” setting or “Vibration” only mode. This feature gives the AD11-V the ability to alert the operator of a potential weapon silently. This feature has proven very useful when working in a noisy environment or if the operator wishes to conduct a search procedure, while keeping eye contact with the subject being screened

# SPECIFICATION FOR ADAMS HAND HELD AD SERIES METAL DETECTORS

## **AD10-2 / AD11-2 / AD11-V**

Length: 362mm. Width: 55mm. Height: 30mm

Weight: 262 grms. including battery.

Sensitivity: Target size AD10-2 down to 0.1 grms. AD11-2/AD11-V down to 0.1 grms.

## **AD16**

Length: 360mm. Width: 105mm (probe) Body 55mm. Height: 35mm.

Weight: 280grms. including battery

Sensitivity: Target size down to 0.05grms.

## **AD17 (AD14)**

Length 360mm. Width 105mm (probe) Body 55mm. Height: 35mm.

Weight: 280grms including battery

Sensitivity: High factory internally pre-set Turbo sensitivity

## **AD15 (AD18)**

Length 360mm. Width: 105mm (probe) Body: 55mm. Height: 35mm

Weight: 280grms. including battery

Sensitivity: High Sensitivity - Operator adjustable Turbo Control.

### ***THE ABOVE MODELS MEET THE FOLLOWING TECHNICAL SPECIFICATIONS***

Operating temperature: -20°C to +65°C

Storage temperature: -30°C to +80°C

Protection of unit against environmental conditions and waterproofing to IP64 (IEC 529)

Humidity: 98%

Tested and approved to EEC EN5008-1 Table 1. EN50082-1 Table 1:1.1 Radiated emissions

Conforms to international standards IEC, NILEC-0602.02 of FCC, FAA.

Medically tested and approved - No risk to persons with pacemakers.

Non interference to magnetic recorded material.

Battery condition constant monitoring. A prolonged alarm signals need to replace battery. When battery is exhausted a continuous audio/visual LED signal is produced.

Quiescent current 3mA

Alarm current: 6mA

Alarm indication by means of piezo audio alarm and High intensity L.E.D.

Sound: Switchable on/off allowing discreet detection (AD11-2)

"Vibration only" by means of rocker switch in forward position/Audio/Visual in back position: (AD11-V)

Battery inserted "cartridge" style - no wires or connectors for greater reliability.

No false alarms.

Battery: 9 volt block battery can be either replaceable 9 Volt 550mA hours or optional rechargeable NiCad 180mA hours

Minimum pressure push button switch operation.

Instant response to all metals.

Size of target indication: At constant sweep speed: short digital pulse = small target. Long pulse = large target

Medically tested and approved

No Risk to persons with pacemakers

2 YEAR WARRANTY ON ALL MODELS

SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE