# Axium AX-S4
# Quad Sensor

The Axium AX-S4 Quad Sensor can accurately detect either Mains Current, Digital Audio, Analog Audio or Video signals with out interfering with the original signal by using a Magnetic Sensor to detect very small levels of current.

In addition this clever device has a manual gain adjustment to enable the detection of the smallest signals and an adjustable "detect off delay" so gaps between songs do not cause false triggers.

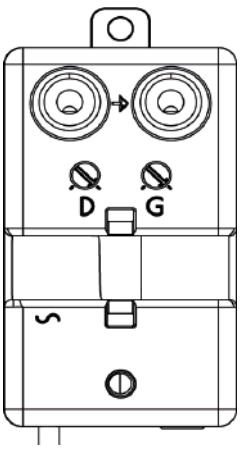
The AX-S4 is designed to connect to the IR out of an Axium AX-R4 router. This connection allows "flag" status setting in macros for accurate source or system status in an Axium System.

The IR port that is used on the AX-R4 router is provided as an output on the AX-S4.

Standalone connection to 3rd party systems is made available buy following the pin outs in the instruction sheet provided.

## Features and Benefits

- Power requirement: 12VDC 10mA
- Switch 'On' Resistance: 3.5Ω
- Switch Current: 0.22A continuous
- 0.8A pulsed <300µs
- Detect LED indicator – Orange.
- RCA input resistance: 200KΩ
- Delay adjustment: 2 – 20 seconds
- Gain: adjustment range suitable for detecting a minimum of:
  0.1A current in Mains conductor (must be firmly seated & optimally rotated in the sensing channel)
  1.0V CVBS composite video or Y component video signal
  0.5V SPDIF Digital Audio signal
  05V RMS analog audio signal




- Cable length: 2m
- Isolation
  RCA: 200VDC (50VAC)
  Current: > 5KV~
- IR emitter output socket
- Permanent Mounting flange
- Woodscrew and Cable Tie supplied
- Dimensions: Width 32mm (1.24")
  Depth 55mm (2.18")
  Height 14mm (0.55")
- Weight: 32g (1.1oz)
- Ambient Operating Temperature: 0 - 50°C
- Ambient Operating Humidity: 5 – 95% non-condensing
- Approvals: C-Tick CISPR22, FCC, RoHs
- Please check www.axium.co.nz for latest update



Audio Engineering Ltd, Po Box 42-068, Orakei, Auckland, New Zealand. www.axium.co.nz enquiry@axium.co.nz