



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

- o Power requirement: 12VDC 10mA
- o Switch 'On' Resistance: 3.5Ω
- o Switch Current: 0.22A continuous
- o 0.8A pulsed <300μs
- o Detect LED indicator – Orange.
- o RCA input resistance: 200KΩ
- o Delay adjustment: 2 – 20 seconds
- o 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

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

