

# AX-R1

## Controller/Router



Unlocking the full potential of the KPC and KPD keypads and enhancing both the Android and Apple experience.

The AX-R1 facilitates 2-way communication between the KPC, KPD, Mobile Android and iOS devices and a wide range of 3rd party products bringing Metadata back from these devices to the end user.

Axiom Legacy ports to allow for easy integration with KPD keypads or IRFX3. It can also be used to power the KPC2.8- IP when a PoE source is not available. Cable runs of up to 100 meters are achievable for the KPD and IRFX3.

With 1x DALI controller (64 devices), 2way routed RS232, Ethernet, routed IR, realtime clock with internet lookup, Analog level detect inputs, command match triggers and relay drivers, the power of 2 way communication is realised in this tiny package.

The addition of AX-S4 sensors provides detection of Audio, Video or Current enabling enhanced flag control.

## SPECIFICATIONS & FEATURES

- 4x DALI Control port
  - Maximum of 256 devices
- 1x Ethernet RJ45 port: 10/100Mbps, DHCP or Fixed IP, PoE
  - Maximum of 32 IP connections
  - Configurable IP code specific detection triggers.
- 4 x Dedicated RS232 DB9 port, max throughput = 115 k baud port(s) may be configured with code specific detection triggers
- 4 x IR emitter output / sensor inputs : 3.5mm jacks.
  - These jacks work concurrently as an IR output and sensor input.
  - The Sensor input(s) may be configured as level or frequency threshold triggers.
  - The IR port(s) route IR signals from a specific keypad port(s) or from the R4D controllers IR generator.
- Port activity LED indication on each IR port and the RS232 comms port
- Real time internal clock, with setup & synchronisation via internet including astronomical clock and time based scheduled tasks
- 2 x Analogue level threshold triggers: 0 - 10V
  - Inputs may also be configured as frequency threshold triggers.
- 2 x 12VDC Relay drivers: 300mA max active pull down.
- DIN mount compatible
- IR Learning Receiver
- 2 x Axium RJ45 port: For connection to an Axium AX-KPC2.8-IP, AX-KPD keypad, or IRFX3 receiver.
- Power LED - with activity indication
- Powered by options:
  - 12VDC 1A power supply
  - PoE switch or injector
- USB port for programming and Firmware Update

Part Number	93113
Accessories	AX-KPD Touch Screen LCD panel Part# 93112
	AX-KPC Keypad with 1.5" LCD Display Part# 93111
	AX-800DAV 8 Zone, 11 Source Multi-Room Controller with Amplifier Part# 93110
Manual URL	<a href="http://www.currentaudio.com">www.currentaudio.com</a>

