



Flexible and Powerful

The R1D controller unlocks the full potential of the KPC-N allowing for a deeper user experience and un-paralleled control. Command Match triggers are also supported for that extra level of automation.

Full 2way control

Connect via a PoE port on your router (or separate 12v PSU) and the R1D will facilitate full 2way communications between the Axium amplifiers and a host of 3rd party devices including C-Bus, Sonos and the NESS/ELK M1 to name just a few.

Lighting control

Not only does the R1D support 2way communications with C-Bus, Vantage, Bticino, Luxom and Dynalite (Control only) but there is also a DALI controller built-in supporting up to 64 devices.

Fully Loaded

The R1D is fully loaded with 0-10v inputs, relay controllers, DALI, RS232, Sensors inputs IR ports, Ethernet port and a legacy keypad port. There is also an IR learner built-in.

Technical Specifications

- 1x DALI Control port
 - Maximum of 64 devices
- 1x Ethernet RJ45 port: 10/100Mbps, DHCP or Fixed IP, PoE
 - Maximum of 16 IP connections at any one time
 - Configurable IP code specific detection triggers
- 1 x Dedicated RS232 DB9 port, max throughput = 115 k baud port(s) may be configured with code specific detection triggers
- 2 x IR emitter output with sensor inputs: 3.5mm jacks
 - Ports work concurrently as an IR output and sensor input
 - IR port(s) route IR signals from R1D controllers IR generator
 - Sensor input(s) may be configured as level or frequency threshold triggers
 - more IR ports can be added via a EX4 but without routing
- Port activity LED indication on each IR port and RS232 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. Can be connected any relay allowing complete flexibility
- DIN mount compatible
- Wall mounting compatible
- IR Learning Receiver
- Axium RJ45 port: For connection to an Axium AX-KPC-N, AX-KPD keypad, or IRFX3 receiver
- Power LED - with activity indication
- Powered by options:
 - 12VDC 1A power supply (*sold separately*)
 - PoE switch or injector
- USB port for programming and Firmware Updates

Specifications and features subject to change without notice. Please check www.axium.co.nz for latest updates