# AXIUM AX-KPC-N

## Revolutionary Touchscreen Keypad

A x i u m

### Direct IP and IR Control

### Flexible Installations

The KPC-N can be powered either by PoE or via the legacy RJ45 port. The KPC-N comes packaged with a WHITE faceplate in the traditional full-size wall plate or the EURO square finish. Both PORTRAIT and LANDSCAPE installations are supported.

### Full 2way compatibility

Connect directly to the Axium AX-1250 or the AX-Mini4 for full 2way communication out of the box.

The KPC-N now offers direct control of IP devices. Some of the Axium 2way applets will also fully function without the need for any additional Axium hardware. One way control of IP devices is available including sending TCP and IP Link commands as found on many Projectors and Commercial Displays.

Adding either an R1D or R4D controller provides feedback from a variety of 3rd party devices via IP or RS232. Of course there is also one way control of just about any device you can think of.

### Not just for Axium

The KPC-N is also flexible enough to be used as a standalone keypad controlling an endless amount of IR and IP controllable equipment. Consider using one as a zone 2 controller on your next job or a standalone controller for a boardroom or classroom!

## Technical Specifications

- 2.8" LCD touch panel
  - Contrast ratio = 500:1
  - Viewing angle =160° (H & V)
  - 240 (RGB) x 320 Dot 64K Colours
- Operating voltage: 12VDC ± 3V
- Current draw typically 60mA – 100mA
- Self-populating Nightfall design layout design for Axium 1250 and Mini4 Amplifiers.
- 8Mbytes Flash for GUI and IR commands
- Both Modulated and Pulse IR codes learning. Modulation up to 500 KHz
- Fully customizable via Axium Design Portal
- Portrait or Landscape orientations
- Full featured "Control Flow" instructions
- User defined button sounds: wav file
- Range of Skins available for graphical user interface (GUI)
- Single touch Control types: Animated Buttons, Buttons with feedback, Sliders, Numeric Readouts and Applets providing control & Metadata display
- Transparent and multilayer images supported.
- Background images using PNG, BMP, JPG or GIF formats may be imported
- Anti-aliased Text with user defined Font, Colour and Unicode support
- Polygon button outlines provide very close button spacing
- 2 Way RS232, Ethernet and IR routing when used with the Axium AX-R4D/R1D and supplied Applets
- NEC Projectors
- Send direct JPLink and TCP commands

- Mounting options for European, Australasian and USA style flush box. WHITE cover plates supplied
- Wiring:
  - Up to 100m CAT5E 'Home Run' cable using the legacy connection
  - Up to 95m using the IP connection
- Current 2way Applets:
  - Autonomic Media Center
  - Arrowhead Alarms
  - Axium AX-800 and AX-400 feedback
  - Axium AX-800DAV Media Player
  - Axium Alarm and Clock configuration
    - *R1D or R4D required*
  - DLO Homedock Pro
  - Integra
    - Tuner, CD Player, DVD Player, iPod Dock*
    - Receiver incl Z1, 2, 3, & 4
  - Lighting
    - Fibaro, Bticino, C-Bus, Luxom & Vantage
  - NESS/ELK M1 alarm
  - Request DMS
  - Schedule editor
  - Slideshow Screen Saver
  - Sonance iPort iPod Dock
  - T118RDS Tuner
  - Vantage DMM Music Server
  - Variables Display

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

| Dimensions | Australasian | European |
|---|---|---|
| Width | 75mm | 89.75mm |
| Height | 120mm | 89.75mm |
| Plate Depth | 8.75mm | 8.75mm |
| Mounting Depth | 14.5mm | 14.5mm |
| Wall Cutout | 46 x 53mm | Set by box |

## KPC-N Pre-Designed Layout

The AX-KPC-N Keypads are pre-loaded with an Axium "Nightfall" design layout when you first receive them allowing for control of the AX-Mini4 or AX-1250 amplifiers.

This Nightfall design layout offers ZERO programming or setup, all the source and zone names have been setup with Axium's DYNAMIC naming functionality. This means that source and zone names are taken directly from the amplifier without the need for you to even turn on a computer!

Full feedback is supported, giving instant visual feedback on Source Selection, Volume, Power, Bass, Treble, Media Playback status and more.

### Pre-design layout screen examples

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