Axium

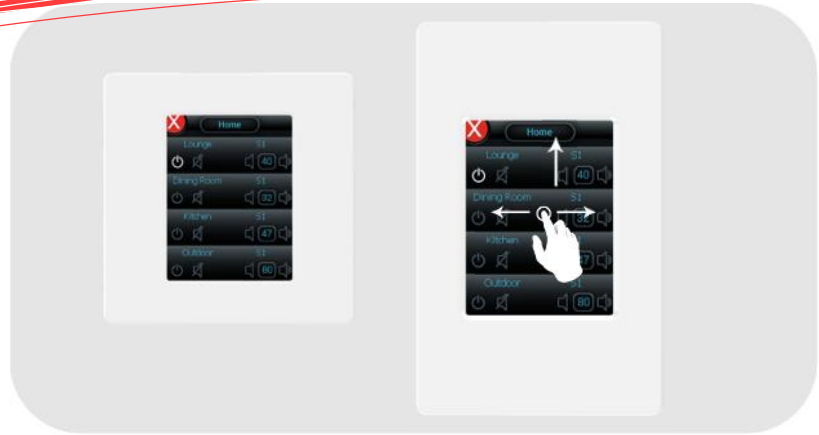Simple to setup
Simple to use
Simply enjoy

AXIUM AX-KPC-NC

"NEW" Swipe Touchscreen Keypad

Technical Specifications

- 2.8" LCD touch panel
  - Contrast ratio = 800:1
  - Viewing angle =160° (H & V)
  - 240 (RGB) x 320 Dot 64K Colours
- Operating voltage: 12VDC ± 3V, Ethernet PoE: 48VDC
- Typical Power 0.75Watt Display at full brightness
- Self-populating Nightfall design layout design for Axium 1250 and Mini4 Amplifiers.
- 8Mbytes Flash for GUI and IR commands
- Control IR and IP Devices
- 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)
- Swipe and Touch Control: 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
- Send direct TCP commands

Capacitive Screen Swipe Control

The KPC-NC now has a Capacitive touchscreen, this allows for swipe control from page to page as well as touch control.

Flexible Installations

The KPC-NC can be powered either by PoE or via the legacy RJ45 port. The KPC-NC 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-NC 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-NC 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!

Dimensions	Australasian / USA	European
Width	75mm (2.95")	89.75mm
Height	120mm (4.72")	89.75mm
Plate Depth	8.75mm (0.34")	8.75mm
Mounting Depth	14.5mm (0.57")	14.5mm
Wall Cutout	46 x 53mm (1.8" x 2.09")	Set by flush box

Specifications and features subject to change without notice. Please check www.axiumcontrol.com for latest updates

www.axiumcontrol.com

KPC-NC Pre-Designed Layout

Technical Specifications

- o Mounting options for European, Australasian and USA style flush box. WHITE cover plates supplied
- o Wiring:
  - o Up to 100m CAT5E 'Home Run' cable using the legacy connection
  - o Up to 95m using the IP connection
  - o Axium AX-1250 and AX-Mini4 feedback
- o Current 2way Applets:
- o Axium Media Player
  - o Arrowhead Alarms
  - o Axium Alarm and Clock configuration
    - *R1D or R4D required*
  - o Integra
    - ▪ Tuner, CD Player, DVD Player, Receiver incl Z1, 2, 3, & 4
  - o Lighting
    - ▪ Fibaro, Bticino, C-Bus & Lutron
  - o NEC Projector control
  - o NESS/ELK M1 alarm
  - o Request DMS
  - o Schedule editor
  - o Slideshow Screen Saver
    - Now does transition effects.
    - now can use JPEG images
  - o Sonance iPort iPod Dock
  - o Variables Display

The AX-KPC-NC 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

Further features

Logarithmic dimming which allow extremely dim brightness levels to be achieved which is good for use at night-time. (1% brightness on the linear scale is very bright at night.)

Night and daytime modes, which can be manually triggered (e.g. via a button) or by using an R1/R4 (e.g. based on sunrise/sunset triggers), etc. night-time mode allows different brightness settings to be applied and optionally reddens the display so the room isn't lit up in the dark.

Native JPEG support (optional - enable/disable in ADP settings)