

# NEUPANEL

## Intuitive Remote Control Series



Highly intuitive remote control devices for easy management and control of Neutrino or Uno Series processors.

- Xilica offers a wealth of control options for its Neutrino and Uno Series processors. These run the gamut from dedicated iOS apps and Android device software to third-party control devices, and dedicated remote controls within the NeuPanel Series
- NeuPanel Series comprises DHCP-enabled Touch 7 (touch-screen) and Mini (wall-plate) controls, available in both black and white with an external PSU included, although POE is available
- NeuPanel Series products can be controlled and programmed over Ethernet using Xilica's SolaroConsole software
- The Touch SM7 (MkII) is a surface- or flush-mount, programmable, 7-inch touch control with password-protected multi-page control flexibility.
- The Mini Control range comprises five models: the Mini K1, a single volume control on a 2 gang sized aluminium panel; the Mini K4, with four selectable volume controls on a 2 gang sized aluminium panel; the Mini S4K1, with four on/off control buttons plus an independent volume control; the Mini S4, with four on/off control buttons on a 2 gang sized aluminium panel; and the Mini S8, which features eight on/off control buttons on a 2 gang sized aluminium panel.

## Engineer's Specifications

**Touch SM7 MKII** will be a 7-inch touch screen remote control with LCD display. It should support multiple pages with password protection and any set of levels, toggles, selectors, presets, and/or commands. Using SolaroConsole software, users should be able to drag and drop any DSP parameter or preset and resize the controls, layout, and text as desired. The product should be DHCP-enabled and connect to a network with Cat6 with an RJ45 connector. Power should be sourced from an IEEE 802.3af standard PoE-compliant network switch or locally using a +5VDC/1A PSU. The product should be surface mountable onto a US-dual gang back box or any surface using the removable steel rear steel chassis, flush mount using the included flush mount kit, or rack mount using an optional 3RU rack mount kit. The two piece chassis must be steel and have an aluminum front panel available in black or white. The control shall be compliant with FCC Part 15 emission and RoHS requirements. The control shall be the Touch SM7 MKII.

**The Mini Series** should consist of five (5) programmable wired remote controls (models K1, K4, S4K1, S4, and S8). They should support any set of levels, toggles, selectors, presets, and/or commands. Using SolaroConsole software, users should be able to drag and drop any on/off and level DSP parameter or preset onto each Mini model as desired. The product should be DHCP-enabled and connect to a network with Cat6 with an RJ45 connector. Power should be sourced from an IEEE 802.3af standard PoE-compliant network switch or locally using a +5VDC/1A PSU, and product should be mountable into a US dual gang back box, surface-mount, or rack-mount (using optional kit). The Mini models should utilize a two piece body design that incorporates a snap on front cover and no exposed mounting screws. The control shall be compliant with FCC 15 emissions and RoHS requirements. The controls shall form the Mini Series.

## Available Model Variants

	Touch Screen	Single Volume Control	4 x Volume Controls	4 x On/Off Buttons	4 x On/Off Buttons + Master	8 x On/Off Buttons
<b>Model Variant:</b>	Touch SM7	Mini K1	Mini K4	Mini S4	Mini S4K1	Mini S8

## Technical Specifications

Input impedance	> 10k Ohms
Output impedance	50 Ohms
Maximum level	+20dBu (mic gain: 0 / +40dB steps)
Input type	Electronically balanced (with individually-switchable 48V Phantom power)
Frequency response	+/- 0.1dB (20 to 20kHz)
Dynamic range	110dB typ (unweighted)
CMMR	> 100db (50 to 10kHz)
Crosstalk	< -100dB
Distortion	0.002% (1kHz @ +4dBu)

Processor	40-bit Floating Point
Sampling rate	48kHz
Analog converters	High-performance 24-bit
Propagation delay	3ms (AEC: 11ms)
Connectors	Phoenix Plug-in 3.5mm (individual), RJ45 (Cat 5), IEC power, DB-25 AES/EBU
Power	90-240 VAC (50-60Hz)
Dimensions	19"x1.75"x9" (483x44x229mm)
Rack mount	1U, with vent between units
Weight	11lbs / 5kg



## Customer Support

If you'd like to contact us regarding product support or technical designs, email [support@xilica.com](mailto:support@xilica.com) and we'll connect you with a solutions engineer. Alternatively, if you'd like to speak to someone, you can call the following numbers for immediate assistance:

North America & Rest of World: +1 905-770-0055

Europe: +31 29940-1100

China & Hong Kong SAR: +852 2604-9382