Key Features

- Beautiful 7" 800x480 WVGA LCD with integrated multi-touch capacitive touch screen that allows screen swiping for page navigation.

- Composite, S-Video or Component video inputs allow viewing analog video at up to 480i/576i/480p/576p resolution.

- Integrated 10/100 Base-T (with PoE) and 802.11 wireless Ethernet.

- Built-in RS-232 port allows direct control of electronics without a separate control processor.

- Built-in high output IR port for direct control.

- Powered using power supply, CB8 connecting block or PoE (Power over Ethernet).

- Optional modules/processors provide additional control capabilities including two-way communication via RS-232/IP, sensing, IR and relay control.

- USB and Ethernet Programming.

- Stylish low-profile faceplate available in black or white (ships with white).

- Integrated mounting wings for easy retrofit installations (metal back box also available separately).

KX7 In-Wall Touchpanel

The extraordinary KX7 is packed full of features for complete control of entertainment, environment and security systems in any residential or commercial installation. The wall-mounted touchpanel has a slim profile, framing a control interface that can be custom tailored for every installation. The vivid 7" LCD touch screen even allows screen swiping for page navigation. More than just a pretty face, the KX7 even has built-in RS-232 and infrared communication capability, allowing direct control of electronics without a control processor. In addition, video inputs make it possible to view analog video while an Ethernet connection enables even more functionality, such as viewing IP security cameras, surfing the web and advanced two-way control.

Description

The KX7 takes touch panel control to new heights with a self contained control system. An infrared output allows control of devices up to 1000 feet away while an RS-232 port allows direct control of electronics without a control processor. When combined with RTI accessory products, the KX7 offers intuitive two-way communication for control and feedback from compatible electronic devices such as music servers, HVAC, lighting, and more.

The sleek and sophisticated design of the KX7 features a beautiful 7" WVGA (800x480) multi-touch capacitive touch screen to display the completely customizable control interface. In addition, composite, S-video and component video inputs provide crystal clear video at up to 576p resolution. The KX7 is outfitted with both wired and wireless Ethernet, providing convenient access to advanced capabilities, including two-way control of devices, viewing motionJPEG digital video, web browsing and system file updating. The KX7 10/100 Base-T connection even supports PoE (Power over Ethernet) to reduce cabling requirements and simplify installations.

Call 952-253-3100
www.rticorp.com

RTI
It's Under Control®

Specifications

Power...+9VDC to +16VDC, 1A max

Power Management............................Adjustable backlight brightness/proximity sensor

Touchscreen Display.....................................High-brightness color TFT LCD

....Full VGA (800x480 pixels) with 65K colors

.... Integrated high-resolution capacitive touchscreen

Display Size ....7.0 in (177mm) diagonal

Display Backlight ....Dual CCFL, 300nit

Infrared Output ....Through control port, 200mA output

.... Drives up to 1000 ft (300 m) of wire

Ethernet Port ....10/100 Base-T with Power-over-Ethernet

Wireless Ethernet 802.11b/g

Operating Temperature .... +32°F to +122°F (0°C to +50°C)

Operating Humidity...5% to 95% Non-condensing

Total System Memory ....128M Bytes Flash (non-volatile) memory

Device Capability............................. Total number of devices is limited only by memory

Macro Capability...Unlimited steps in a single macro

....Total number of macros is limited only by memory

....Macro capability on every button

Communications...USB programming port

Video Input .... Three, BNC Connectors

....Composite, S-Video or Component Analog Video

....NTSC/PAL/SECAM

Enclosure.. High-impact molded ABS plastic

Front Plate .... High-impact molded ABS plastic

Mounting................................Integrated mounting wings, or screws through front plate

Installation Cut-Out (W x H)........................ 7.7 in (195mm) x 5.6 in (143mm)

Outer Bezel Dimension (W x H) .... 8.5 in (217mm) x 5.9 in (151mm)

Total Depth in Wall .... 1.4 in (36mm), with video connector 2.1 in(53mm)

Weight .... 1.4 lbs (634g)

Warranty ....One Year (Parts & Labor)

Accessories

XP-3	Advanced Control Processor
XP-6	Advanced Control Processor
XP-8s	Advanced Control Processor
CB-8	Touchpanel Connecting Block
CM-232	RS-232 Communication Module
CPB-1	Control Port Connecting Block
ECB-5	IR Connecting Block
ESC-2	Ethernet Serial Converter
IPE-4	IR Port Expander
PCM-4	Port Control Module
RCM-4	Ethernet Relay Module
vIRsa Mouse	IR Emitter

Other RTI Products

Virtual Panel	PC Control Application
RTiPanel	Mobile Device Control Application
SURFiR	Remote for Smart Phones & Tablets
T1-B	Universal System Controller
T2-B	Universal System Controller
T2-Cs+	Universal System Controller
T2-C+	Universal System Controller
T3-V+	Universal System Controller
U2	Weather Resistant Controller
RKM-1+	In-Wall Multi-Room Audio Keypad
RK1	In-Wall Keypad Controller
KX2	In-Wall Touchscreen Controller
RK3-V	In-Wall Touchscreen Controller
RK10	In-Wall Touchscreen Controller
RP-1	Remote Control Processor
RTiDock	Dock for Apple iPod®
AD-4	Distributed Audio System
AD-8	Distributed Audio System
CP-450	Four Channel Amplifier
CP-1650	Sixteen Channel Amplifier

Integration Designer® Programming Software

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