KX3

KX3
3.5" Inch In-Wall Touchpanel Keypad

The KX3 is not just a pretty interface - it is a unique hybrid device that combines the capabilities of an in-wall touchpanel and an advanced control processor.* The result is an enhanced automation solution that delivers control simplicity and tremendous power in one cost-effective unit. Featuring a 3.5" high-resolution color touchscreen, two-way feedback and intercom capabilities, the KX3 performs beautifully in residential settings. The innovative touchpanel also shines in commercial applications such as classrooms and conference rooms where the built-in control processor and room status LED's offer additional flexibility. With a sleek, refined design and amazing feature set "under the hood", users will never know how much power is at their fingertips.

Additional Bezel Options

Black Bezel

Brushed Aluminum Bezel

Key Features

- Vivid 3.5" WVGA (480x800) color LCD touchscreen, five hard buttons and room status LED's provide an incredibly simple and intuitive control experience.

- Built-in control processor provides advanced capabilities including direct control of devices via IR, IP and RS-232, six voltage sense ports with sense-event capabilities, four relays for control via contact closure and an astronomical clock for time-based events.*

- Built-in camera, microphone and speakers provide intercom capability.*

- Integrated 10/100 Base-T (with PoE) and 802.11 wireless Ethernet for viewing video from network security cameras, enhanced two-way feedback and remote programming updates.

- Proximity sensor wakes up the unit as a user approaches and an ambient light sensor adjusts the touchpanel's backlighting.

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

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

NOTE: KX3 control processor features and video intercom will be enabled with firmware updates.

www.rticorp.com

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
.... WVGA (480x800 pixels) with 16.7M colors
.... Integrated high-resolution touchscreen
Display Size..3.5 in (89mm) diagonal
Display Backlight .... LED Backlit, 310nit
Backlights ....Blue LED (Keypad), Red/Green LED (Room Status)
Infrared Output .... Through control port, 200mA output*
.... Drives up to 1000 ft (300 m) of wire
Serial Port ....RJ-45, RS-232 communcation*
Ethernet Port .... RJ-45, 10/100 Base-T with Power-over-Ethernet
Wireless Ethernet... 802.11b/g/n
Relays...Four, 3 Amps @ 30 VDC*
Sense Inputs.. Six, 3-24VDC*
Radio Frequency Control Range .... Up to 100 feet (30.5 meters)*
....Communication with optional wireless Interfaces*
Radio Frequency Carrier ....802.15.4 @ 2.4GHz - Zigbee® Wireless Networking*
Camera.. Color CMOS VGA (640x480)*
Microphone..Silicon MEMS
Speaker .... One (1) 2 Watt, 8 Ohm
Communications..USB programming port
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
Operating Temperature.. +32°F to +122°F (0°C to +50°C)
Operating Humidity...5% to 95% Non-condensing
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)............................... 2.942in (74.7mm) x 5.192in (131.8mm)
Outer Bezel Dimension (W x H) .... 4.352in (110.5mm) x 5.876in (149.25mm)
Total Depth in Wall ....1.265in (32.1mm), with mounting wings 1.624in(41.2mm)
..................NOTE: Additional room may be necessary depending on connections used
Weight 8.9oz (252g)
Warranty ....One Year (Parts & Labor)

*NOTE: KX3 control processor features and video intercom will be enabled with
 firmware updates.

All Specifications subject to change without notice.

Remote Technologies Incorporated
5775 12th Avenue East, Suite 180, Shakopee, MN 55379
PH: (952) 253-3100 • Website: www.rticorp.com

RTI User Interfaces

RTiPanel	**Mobile Software Interface (App)**
Virtual Panel	**PC Software Interface (App)**
SURFiR	**Companion Remote Control**
T1-B+	**Remote Control**
T2i	**Remote Control**
T2x	**Remote Control**
T3x	**Remote Control**
RKM-1+	**In-Wall Audio Distribution Keypad**
RK1+	**2-4-8 Button In-Wall Keypad**
WK2	**Water Resistant Keypad**
KX2	**2.8 inch In-Wall Touchpanel Keypad**
KX3	**3.5 inch In-Wall Touchpanel Keypad**
KX7	**7 inch In-Wall Touchpanel**
CX7	**Countertop/Under-Cabinet Touchpanel**

RTI Control Accessories

RP-4	**RF Control Processor**
XP-3	**Advanced Control Processor**
XP-6	**Advanced Control Processor**
XP-8s	**Advanced Control Processor**
RM433	**433MHz RF Antenna**
ZM24	**2.4GHz Zigbee Transceiver**
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 to Serial Converter**
IPE-4	**IR Port Expander**
PCM-4	**Port Control Module**
RCM-4	**Relay Control Module**
vIRsa Mouse	**IR Emitter**

RTI Audio Distribution

AD-4x	**Distributed Audio System**
AD-8x	**Distributed Audio System**
CP-450	**4 Channel Amplifier**
CP-1650	**16 Channel Amplifier**

It's Under Control®