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.

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
.... 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)

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 firmware updates.

All Specifications subject to change without notice.

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**

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