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.

**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 features advanced capabilities including support for two-way drivers, RTiPanel App and primary/secondary configurations.
- Control processor also enables direct control of devices via IR, IP and two 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 2.4GHz ZigBee® RF transceiver module and antenna enables wireless remote control support.
- Integrated 10/100 Base-T (with PoE) and 802.11 wireless Ethernet for access to network security cameras, programming updates and more.
- Built-in camera, microphone and speakers provide video intercom capability.
- 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).
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 ..................................... Blue LED (Keypad), Red/Green LED (Room Status)
Backlights ........................................... Two, RJ-45, RS-232 communication
Infrared Output ..................................... One, through control port, 200mA output
 ................................................................ Drives up to 1000 ft (300 m) of wire
Serial Port ........................................... Two, RJ-45, RS-232 communication
Ethernet Port ....................................... RJ-45, 10/100 Base-T with Power-over-Ethernet
Wireless Networking............................. WiFi 802.11b/g/n & Zigbee® IEEE802.15.4
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 .......................................... Three Years (Parts & Labor)

All Specifications subject to change without notice.

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NOTE: Additional room may be necessary depending on connections used

The KX2 hard buttons (12) may be custom laser etched using the RTI Laser Shark service.