



## 2.8" In-Wall Touchpanel Keypad

KX2

SKU: 65947    UPC: 810065000000

The KX2 in-wall controller has a clean sleek design with twelve programmable hard buttons and a 2.8" color touchscreen. The hard buttons and graphic interface are fully programmable using RTI's Integration Designer software for full control of electronics throughout the building. A built-in infrared output port allows direct control or get two-way control when used with an RTI XP series control processor. In addition the units integrated 10/100Base-T Ethernet port with Power-over-Ethernet (POE) provides the flexibility to accommodate any installation.

### Features

- Fully programmable 2.8" touchscreen display and twelve hard buttons.
- QVGA resolution (240w x 320h) TFT LCD to display custom buttons text and graphics.
- Integrated 10/100Base-T Ethernet port with Power-over-Ethernet.
- IR output drives up to 1000 feet of wire.
- Proximity sensor automatically wakes the unit up when approached by the user and an ambient light sensor adjusts the brightness.
- Integrated mounting wings for easy installation in retrofit installs.
- Fits in a 4"x4" square electrical junction box (See installation guide for important information).
- Ships with stylish low-profile white bezel - bezels also available in black and light almond.
- Faceplate and buttons are black with a glossy finish.
- Twelve hard buttons may be interchanged and custom laser engraved using Laser Shark.
- Optional modules/processors for voltage sensing relays and advanced two-way control.
- USB and Ethernet programming.

Power	+9VDC to +16VDC, 1A max
Power Management	Adjustable backlight brightness, Ambient light sensor, Proximity sensor
Touchscreen Display	High-brightness color TFT LCD QVGA (240w x 320h pixels) with 65K colors Integrated high-resolution resistive touchscreen
Display Size	2.8" (71mm) diagonal
Display Backlight	LED Backlit, 200nit
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
Audio	Beeper
Operating Temperature	+32°F to +122°F (0°C to +50°C)
Operating Humidity	5% to 95% Non-condensing
Total System Memory	32MBytes 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

Enclosure	High-impact molded ABS plastic
Mounting	Integrated mounting wings, or screws through front bezel
Front Plate Dimensions (H x W)	4.4 in (112mm) x 4.6 in (117mm)
Installation Cut-Out (H x W)	3.789" in (96.5mm) x 3.789" in (96.5mm)
Total Depth in Wall	1.2 in (31mm) Plus cables
Weight	7.5 oz (212g)
Warranty	One Year (Parts & Labor)
	All Specifications subject to change without notice.
	The KX2 uses a standard 4"x 4" electrical junction box. These should be available at most hardware stores or electrical supply stores online (ex. Granger.com)