RK1+
2/4/8 Button In-Wall Keypad

Sized for a single gang electrical box, the RK1+ incorporates two, four or eight fully-programmable buttons. For seamless integration into any decor all RK1+ kits include white, black and light almond faceplates and keycap labels. For a high-end look and even more intuitive control experience, a certificate for one set of Laser Shark custom engraved keycaps is included, which allows text and graphics to be used. Expanded control capabilities, including two-way feedback (via the programmable button backlight color), are available when RTI control processors and accessories are used. The RK1+ even has a built-in IR control system for direct control of electronic systems.

Key Features

- Two, four or eight assignable/programmable buttons.

- Ships with white, black and light almond faceplate/keycap kits.

- Ships with a certificate for one Laser Shark engraved keycap set - allows custom text and graphics to be used.

- Backlight color programmable on each button (16 colors available).

- Use any standard Decora® type wallplate.

- Master/slave configuration allows two keypads to work in conjunction.

- IR output port drives up to 1000 feet of wire.

- Completely customizable and programmable.

- Fits in a single gang electrical outlet box.

- Optional modules/processors for voltage sensing (to monitor power status of equipment) and two-way control.
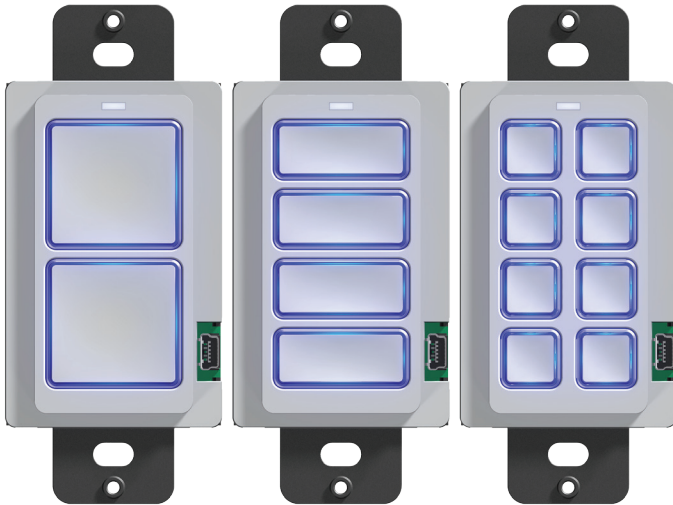
- USB Programming.

Button Keycap Label Options

Laser Shark® Button Keycaps

Button Keycap Labels

NOTE: Wallplates sold separately.

www.rticorp.com

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Specifications

Power..+9VDC to +16VDC, 350mA max

Backlights .... RGB LED - 16 color, user-definable

Infrared Output Port...200mA output

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

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

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

Total System Memory.. 64K 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

Enclosure... Formed Steel, black powder coat

Front Plate ....High-impact molded ABS plastic - White, metallic gray or black

Mounting..Mounts into single gang box

Front Plate Dimensions (H x W) .... Purchased (Decora® Type)

Dimensions (H x W x D) .... 4.1 in (104mm) x 1.8 in (46mm) x 1.7 in (43mm)

Installation Cut-Out (H x W)... 2.8 in (71mm) x 1.8in (46mm)

Total Depth in Wall .... 1.37 in (34mm) Plus Cables

Weight .... 4 oz (284 g)

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

All specifications subject to change without notice

Decora® is a registered trademark of Leviton Manufacturing Co. Inc.

Wallplate not included.

The RK1+ button keycaps may be custom laser etched using the RTI Laser Shark service. In addtion, each unit will include a certificate for one Laser Shark button order.

Laser Shark® Compatible

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**
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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RTI

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