



## RC-76R

6button Ethernet and KNET™ Control  
Keypad (EU, UK, USD)

| Ethernet - RJ-45



The RC76R is a 6button control keypad that fits into standard 1 gang US wall junction boxes. Connected over Ethernet to SiteCTRL™ remote AV control, site management & monitoring system, as well as LANconnected control gateways for extended controlled devices capacity, and over KNET™ to master room controller and auxiliary keypads for remote keypad control, it can flexibly serve either as a standalone room controller, part of a multiunit KNET™ system, or part of a multiunit Ethernet system managed by the Kramer SiteCTRL™ site management platform. The RC76R is ideal for auditoriums and meeting rooms, for convenient control of their complex multimedia systems and other room facilities such as screens, lighting and shades. DECORA® design frames included in USD model

## FEATURES

**Back Lit & Label Capable Buttons** - 6 RGBcolor, tactile feedback, backlit buttons

**Custom Labeled, Removable Button Caps**

**1 K-NET™ Connector** - Connect to master room controller, and auxiliary keypads for remote keypad control

**K-NET™ Single Link Connection** - Provides a single keypad link cableconnectivity, carrying both power and keypad control communication information

**1 RS-485 Bi-directional Control Port** - Control devices via RS485 control protocols

**2 RS-232 Bi-directional Control Ports** - Control a device via bidirectional serial control protocols

**2 IR Emitter Control Ports** - Control a device via IR control protocols

**1 GPI/O Control Port** - Controls a device via general purpose I/O ports, programconfigured as digital input, digital output or analog input interface for controlling sensors, doorlocks, audio volume and light dim level, or lighting control devices

**2 Relay Control Ports** - Control a device via relay contact closure, such as scrolling up and down screens, drapes, shades, and blinds

**IR Sensor Port** - Learns commands from IR remotes

**Program Control** - Program configuration with Kramer KConfig software

**Kramer Site-CTRL™ Compatibility** - For network management and remote control over the Ethernet port

**Keypad Lock-Out** - Option for tampering prevention by locking and unlocking of the keypad buttons

**Mini USB Port** - To upload configuration files, set the KNET™ ID number, and power the device during configuration

**Mounting** - Inwall, in standard 1 gang US junction box size

**Easy Installation** - Fits standard inwall boxes for simple and costreducing installation



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## TECHNICAL SPECIFICATIONS

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INPUTS:	1 RS485, 2 RS232, 1 GPI/O, 1 KNET on terminal block connectors, 1 Ethernet on an RJ45 connector, 1 infrared sensor, 1 mini USB for programming
OUTPUTS:	2 IR emitter, 2 relays (36V AC or DC, 2A, 60V AC maximum on noninductive load) on terminal block connectors
DEFAULT IP SETTINGS:	IP number 192.168.1.39; Mask – 255.255.0.0; Gateway – 0.0.0.0
POWER CONSUMPTION:	12V DC, 570mA
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F)
STORAGE TEMPERATURE:	40° to +70°C (40° to 158°F)
HUMIDITY:	10% to 90%, RHL noncondensing
PRODUCT DIMENSION:	7.94cm x 2.80cm x 12.38cm (3.13" x 1.10" x 4.87" ) W, D, H
PRODUCT WEIGHT:	0.1kg (0.2lbs) approx
SHIPPING DIMENSION:	23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H
SHIPPING WEIGHT:	0.4kg (0.8lbs) approx
INCLUDED ACCESSORIES:	Power supply, black and white DECORA® design frames, black and white mounting plates, label set (label size: 8.8mm x 8.8mm), screwdriver



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## CONFIGURATIONS

RC-76R	US-D-size RC-76R, with White and Black DECORA® design frames, White and Black mounting plates, PSU + Power cord, Label Set, Screwdriver
RC-76R/JP	US-D-size RC-76R, with White and Black DECORA® design frames, White and Black mounting plates, PSU + Japan Power cord, Label Set, Screwdriver
RC-76R/EU(80)-G	EU-size RC-76R, with Gray design frame, PSU + Power cord, Label Set, Screwdriver
RC-76R/EU(80)-W	EU-size RC-76R, with White design frame, PSU + Power cord, Label Set, Screwdriver
RC-76R/EU(86)-G	UK-size RC-76R, with Gray design frame, PSU + Power cord, Label Set, Screwdriver
RC-76R/EU(86)-W	UK-size RC-76R, with White design frame, PSU + Power cord, Label Set, Screwdriver

