



RC-78R

8-button Ethernet and KNET™ Control Keypad (EU, UK, US-D)



The RC-78R is a 8-button control keypad that fits into standard 1 gang US wall junction boxes. Connected over Ethernet to Site-CTRL™ remote AV control, site management & monitoring system, as well as LAN-connected control gateways for extended controlled devices capacity, and over KNET™ to a master room controller and auxiliary keypads for remote keypad control, it can flexibly serve either as a standalone room controller, part of multi-units KNET™ system, or part of multi-unit Ethernet system managed by Kramer Site-CTRL™ site management platform. The RC-78R 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 US-D model.

FEATURES

- Back Lit & Label Capable Buttons - 8 RGB-color, 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 cable-connectivity, carrying both power and keypad control communication information.
- 1 RS-485 Bi-directional Control Port - Control devices via RS-485 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 a general purpose I/O port, program-configured as digital input, digital output or analog input interface for controlling sensors, door-locks, 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 K-Config 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 K-NET™ ID number, and power the device during configuration.
- Mounting - In-wall, in standard 1 gang US junction box size.

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TECHNICAL SPECIFICATIONS

INPUTS:	1 RS-485, 2 RS-232, 1 GPI/O, 1 K-NET on terminal block connectors, 1 Ethernet on an RJ-45 connector, 1 infrared sensor, 1 Mini USB for programming.
OUTPUTS:	2 IR emitter, 2 Relays (36V AC or DC, 2A, 60V AC maximum on non-inductive 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 non-condensing.
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.
PRODUCT DIMENSIONS:	15.10cm x 2.80cm x 8.00cm (5.94" x 1.10" x 3.15") W, D, H
PRODUCT WEIGHT:	0.1kg (0.2lbs) approx.
SHIPPING DIMENSIONS:	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.

CONFIGURATIONS

RC-78R	US-D-size RC-78R, White and Black DECORA® design frames, White and Black mounting plates, PSU + Power cord, Label Set, Screwdriver
RC-78R/JP	US-D-size RC-78R, White and Black DECORA® design frames, White and Black mounting plates, PSU + Japan Power cord, Label Set, Screwdriver
RC-78R/EU(80)-G	EU-size RC-78R, with Gray design frame, PSU + Power cord, Label Set, Screwdriver
RC-78R/EU(80)-W	EU-size RC-78R, with White design frame, PSU + Power cord, Label Set, Screwdriver
RC-78R/EU(86)-G	UK-size RC-78R, with Gray design frame, PSU + Power cord, Label Set, Screwdriver
RC-78R/EU(86)-W	UK-size RC-78R, with White design frame, PSU + Power cord, Label Set, Screwdriver

