



## RC-306

6-button PoE and I/O Control Keypad (EU, UK, US)

| Ethernet - RJ-45



RC-306 is a compact 6-button control keypad that fits US, European and UK standard 1-gang wall junction boxes. Easy to deploy with a single LAN cable carrying both power (PoE) and communication, it fits decoratively within a room design. It is perfectly suited for use as a user interface keypad within a Kramer Control system. Using K-Config, tap into the rich, built-in I/O interfaces that enable this keypad to be used as a flexible, standalone room controller. In this way, it is ideal for classroom and meeting room control, providing end-user convenient control of complex multimedia systems and other room facilities such as screens, lighting and shades.

Multiple keypads can be linked together side-by-side or at a distance, via a single K-NET™ cable carrying both power and communication, providing uniform design and user experience

## FEATURES

**Clear and Customizable User Interface** - RGB-color, tactile feedback, backlit buttons with custom labeled, removable button caps, allowing simple and intuitive end-user and guest control over facility deployed devices and systems

**Flexible Room Control** - Control any room device via LAN connections, multiple RS-232 and RS-485 serial ports, and various IR, relay and general purpose I/O built-in device ports. Connect the keypad to an IP network with additional control gateways interfacing with remote controlled devices, for extending control across large space facilities

**Expandable Control System** - According to arising demands, easily expands to be part of a larger control system, or coupled-operation with auxiliary keypads, via either LAN or K-NET™ single cable connection delivering both power and communication

**Simple Control Programming** - Using K-Config software. Leverage the power of Kramer's highly customizable, flexible and user-friendly software, to easily program complex control scenarios of Pro-AV, Lighting, and other room and facility controlled devices

**Easy and Cost-effective Installation** - Compactly fits into standard US, EU and UK 1-gang in-wall box size, allows decorative integration with room deployed user interfaces such as electrical switches. Keypad installation is fast and cost-effective via a single LAN cable providing both power (PoE) and communication connections



## TECHNICAL SPECIFICATIONS

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| Inputs                   | 1 IR Sensor: For IR learning                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Outputs                  | 2 IR: On 2-pin terminal block connectors<br>2 Relays: On 2-pin terminal block connectors (30VDC, 1A)                                                                                                                                                                                                                                                                                                                                                     |
| Ports                    | 1 Ethernet: On an RJ-45 female connector for PoE, device configuration, control and firmware upgrade<br>2 RS-232: On 3-pin terminal block connectors<br>1 RS-485: On a 3-pin terminal block connector<br>1 K-NET: On a 4-pin terminal block connector<br>2 Relays On 2-pin terminal block connectors (30V DC, 1A)<br>1 GPI/O: On a 2-pin terminal block connector<br>1 Mini USB: On a female mini USB-B connector for configuration and firmware upgrade |
| General                  | Default IP Settings DHCP Enabled                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Power                    | Source: PoE or 12V DC 2A power supply<br>Consumption: 12V DC, 780mA                                                                                                                                                                                                                                                                                                                                                                                      |
| Environmental Conditions | Operating Temperature: 0° to +40°C (32° to 104°F)<br>Storage Temperature: -40° to +70°C (-40° to 158°F)<br>Humidity: 10% to 90%, RHL non-condensing                                                                                                                                                                                                                                                                                                      |
| REGULATORY               | Safety: CE, UL<br>Environmental: RoHs, WEEE                                                                                                                                                                                                                                                                                                                                                                                                              |
| Enclosure                | Size: 1-Gang wall-plate<br>Cooling: Convection ventilation                                                                                                                                                                                                                                                                                                                                                                                               |
| Accessories              | Included with All Versions Power adapter, tweezers for removing button caps, standard button label set<br><br>Included with US-D Version 2 US Frame sets and faceplates (1 in black and 1 in white)<br><br>Included with European Version 1 EU white frame, 1 UK white frame, 1 EU/UK white faceplate                                                                                                                                                    |
| Product Dimensions       | EU: 8.00cm x 4.70cm x 8.00cm (3.15" x 1.85" x 3.15" ) W, D, H<br>UK: 8.60cm x 4.70cm x 8.60cm (3.39" x 1.85" x 3.39" ) W, D, H<br>US: 6.98cm x 4.70cm x 11.43cm (2.75" x 1.85" x 4.50" ) W, D, H                                                                                                                                                                                                                                                         |
| Product Weight           | EU: 0.1kg (0.2lbs) approx<br>UK: 0.1kg (0.2lbs) approx<br>US: 0.1kg (0.2lbs) approx                                                                                                                                                                                                                                                                                                                                                                      |
| Shipping Dimensions      | EU: 23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H                                                                                                                                                                                                                                                                                                                                                                                         |

UK: 23.20cm x 13.60cm x 10.00cm (9.13" x 5.35" x 3.94" ) W, D, H

US: 11.50cm x 4.70cm x 7.00cm (4.53" x 1.85" x 2.76" ) W, D, H

Shipping Weight

EU: 0.4kg (0.8lbs) approx

UK: 0.4kg (0.8lbs) approx

US: 0.4kg (0.8lbs) approx



## CONFIGURATIONS

RC-306/US-D(W/B) US-D-size 6-button 1-Gang Control Keypad, with 1 White DECORA® Design Frame and Faceplate and 1 Black DECORA® Design Frame and Faceplate

