KRAMER

SL-12
21port Serial, IR, and Relay, Ethernet Room Controller

The SL12 is a master room controller that can operate over Ethernet (LAN) with control ports that include: one bidirectional RS485, four RS232, four IR, four GPI/O, and eight relay. It controls devices such as scalers, video displays, audio amplifiers, DVD players, sensors, screens, shades, door locks, and lights. Multiple Kramer Ethernet gateways can be used to add remote I/O ports.

The SL12 includes a KNET™ connector interface which enables access to the master controller from auxiliary room controllers such as control keypads. The SL12 can also provide power to auxiliary room controllers via the KNET™ connectors

FEATURES

1 Ethernet Port - Connects to control gateways for I/O port extending, and controls IPenabled controlled devices

1 K-NET™ Connector - Connects to room control system, either master room controller, or auxiliary control keypads

K-NET™ Single Link Connection - Provides a single control system cableconnectivity, carrying both power and control communication

1 RS-485 & 2 RS-232 Bi-directional Control Ports - Control devices via bidirectional serial control protocols

4 IR Emitter Control Ports - Control devices via IR control protocols

4 GPI/O Control Ports - Control devices 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

8 Relay Control Ports - Control devices via relay contact closure, such as scrolling up and down screens, drapes, shades, and blinds

Simultaneous IP Control Communication - With up to 15 IP control clients

Kramer K-Config™ Compatible - Winbased control program easy configuration and upload to room controller over customer IP network

Kramer Site-CTRL™ Compatible - Remote customer site control and management over customer IP network

IR Sensor and IR Input Ports - Learn commands from IR remotes

Mini USB Port - For firmware upgrade technical services

TECHNICAL SPECIFICATIONS

BIDIRECTIONAL PORTS:	1 RS485 and 4 RS232 serial on 3pin terminal blocks, 4 GPI/O on 2pin terminal blocks, 1 KNET on 4pin terminal block connector, 1 Ethernet on an RJ45 connector, 1 Mini USB connector for local programming services, 1 builtin IR sensor and 2 IRin on 3.5mm minijack (for learning)
INPUTS:	1 builtin IR sensor, 2 IRin on 3.5mm minijack (for learning)
OUTPUTS:	4 IRout and 8 relays (36V AC or DC, 2A, 60V AC maximum on non–inductive load) on 2pin terminal block connectors
INDICATORS:	LED indicator for each port and function
POWER CONSUMPTION:	12V DC, 550mA
INCLUDED ACCESSORIES:	Power supply
OPTIONS:	RK13 19" rack adapter, RC4 remote controller, IR emitter cables
PRODUCT DIMENSION:	14.30cm x 12.20cm x 4.36cm (5.63" x 4.80" x 1.72") W, D, H
PRODUCT WEIGHT:	0.5kg (1.1lbs) approx
SHIPPING DIMENSION:	31.90cm x 16.50cm x 6.70cm (12.56" x 6.50" x 2.64") W, D, H
SHIPPING WEIGHT:	1.0kg (2.2lbs) approx