KRAMER

SL-1N Quick Start Guide
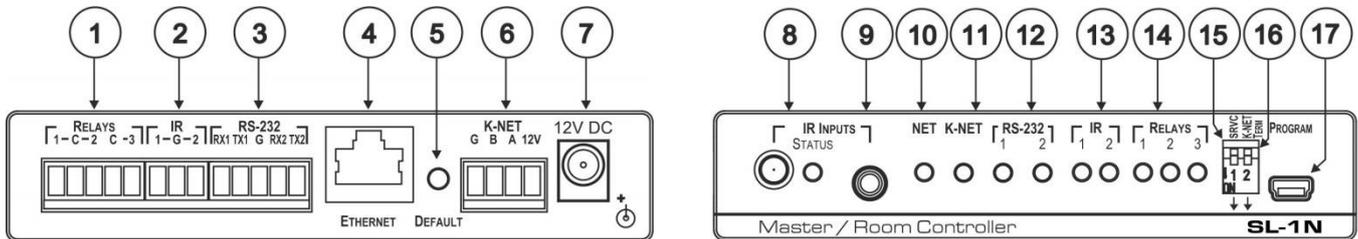
This guide helps you install and use your **SL-1N** for the first time.

Go to www.kramerav.com/downloads/SL-1N to download the latest user manual and check if firmware upgrades are available.

Step 1: Check what's in the box

- ☑ **SL-1N Master Room Controller**
- ☑ Kramer **RC-IR3** Infrared Remote Control Transmitter with batteries and user manual
- ☑ 1 Power supply (12V DC)
- ☑ 1 Quick start guide
- ☑ 4 Rubber feet

Step 2: Get to know your SL-1N

| #	Feature	Function
1	*RELAYS* Terminal Blocks	Connect to low-voltage relay-driven devices (from 1 to 3)
2	*IR* Output Terminal Blocks	Connect to IR emitter cables (from 1 to 2)
3	*RS-232* Terminal Blocks	Connect to the RS-232 devices (from 1 to 2)
4	*ETHERNET* RJ-45 Connector	Connects to the PC or other serial controller through computer networking LAN
5	*DEFAULT* Pushbutton	Press to reset to factory default definitions: IP number − 192.168.1.39, mask – 255.255.0.0, gateway – 0.0.0.0, also to remove the current configuration First disconnect the power cord and then connect it again while pressing the ETH Factory Reset button. The unit powers up and loads its memory with the factory default definitions and erases all stored presets
6	*K-NET* Terminal Block	PIN GND is for the ground connection; PIN B (-) and PIN A (+) are for RS-485, and PIN +12V is for powering the unit The ground connection is sometimes connected to the shield of the RS-485 cable
7	*12V DC* Connector	For supplying power to the unit
8	*IR IN* Sensor and LED	Accepts IR remote commands
9	*IR INPUT* 3.5mm Mini Jack	Connects to a remote infrared sensor
10	*NET LED*	Illuminates while transmitting over Ethernet
11	*K-NET* LED	Illuminates when the K-NET is active (red – transmit, green – receive, during normal activity flashes red)
12	*RS-232 Tx/Rx* LEDs	Illuminates while transmitting/receiving on an RS-232 port (1 to 2) (red – transmit, green – receive)
13	*IR* LEDs	Illuminates when an IR port is active
14	*RELAYS* LEDs	Illuminates when a relay is active (1 to 3)
15	*SRVC* DIP-Switch	Slides down for service use only, slides up for normal operation
16	*K-NET TERM* DIP-Switch	Slides down for K-NET termination, slides up for not terminated
17	*PROGRAM* USB Connector	Connect to a computer for unit configuration and firmware upgrading

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Step 3: Mount SL-1N

Install **SL-1N** using one of the following methods:

- Attach the rubber feet and place the unit on a flat surface.
- Fasten a bracket on each side of the unit and attach it to a flat surface (see www.kramerav.com/downloads/SL-1N).
- Mount the unit in a rack using the recommended rack adapter (see www.kramerav.com/product/SL-1N).
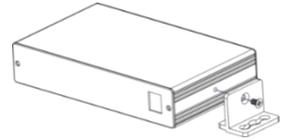
⚠ • Ensure that the environment (e.g., maximum ambient temperature & air flow) is compatible for the device.
- Avoid uneven mechanical loading.
- Appropriate consideration of equipment nameplate ratings should be used for avoiding overloading of the circuits.
- Reliable earthing of rack-mounted equipment should be maintained.

Step 4: Connect inputs and outputs

Always switch OFF the power on each device before connecting it to your **SL-1N**.
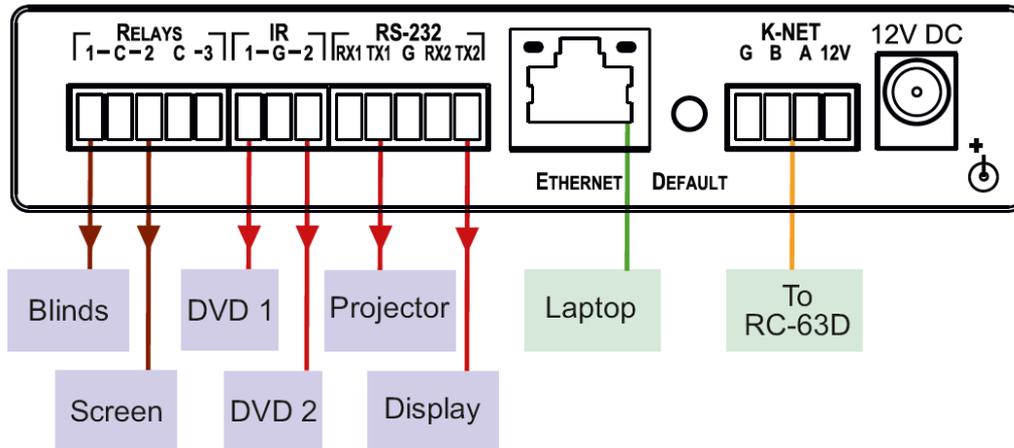
ⓘ To achieve specified extension distances, use the recommended Kramer cables available at www.kramerav.com/product/SL-1N.

Using third-party cables may cause damage!

Step 5: Connect power

Connect the power cord to **SL-1N** and plug it into the mains electricity.

⚠ Safety Instructions (See www.kramerav.com for updated safety information)
Caution:
- For products with relay terminals and GPI\O ports, please refer to the permitted rating for an external connection, located next to the terminal or in the User Manual.
- There are no operator serviceable parts inside the unit.

Warning:
- Use only the power cord that is supplied with the unit.
- Disconnect the power and unplug the unit from the wall before installing.

Step 6: Operate SL-1N

Operate via the RC keypad, IR remote control, K-NET or Ethernet

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