ELK PRODUCTS

Integrating Lutron Caséta® Wireless with M1 Controls

Control Lutron Caséta Wireless Lights & Shades from ELK M1 Controls

ELK Security and Automation Controls
• M1 Gold
• M1EZ8

M1 to Lutron Caséta Interface Kit (ELK-M1XSLC)

Wireless Network Router

Lutron Caséta Smart Bridge Pro (L-BDGPRO)

Lutron Caséta Lighting & Shade Devices

QUICK START GUIDE

Before You Begin:

• This quick start guide assumes the ELK M1 Security & Automation Control system is installed and functional prior to integrating M1 with Lutron Caséta Wireless.

• To complete setup, it may be necessary to reference the full installation instructions for the various components involved in the integration of M1 and Lutron Caséta.

Software & Apps Required to Complete Integration:

Lutron App	IP232 Config Utility	ElkRP2
Download from App Store or Google Play	Download from www.elkproducts.com	Download from www.elkproducts.com

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1 Setup Lutron Caséta Devices

Connect & Power Up Smart Bridge Pro
Connect Smart Bridge Pro to LAN using supplied Ethernet Cable. Connect included 5V power supply to Smart Bridge Pro and plug in to AC power outlet.
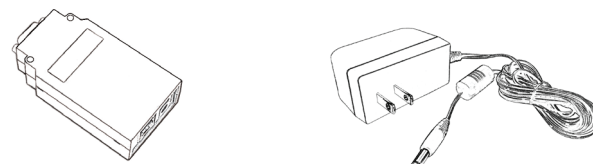
Use Lutron® App to setup Caséta system:
1. Connect to Smart Bridge Pro
2. Add devices (dimmers, shades, remotes)
3. Verify devices can be controlled with Lutron App
4. Email Integration Report
5. Assign static IP address to Smart Bridge Pro

The Lutron App will walk you through the initial system setup and adding devices. The integration report and IP address settings are found in the Settings ->Advanced menu of the app. Tap the ☰ icon in upper left corner to access the Settings menu. Reference instructions for more details.

2 Setup IP232 Serial to Ethernet Bridge

Connect & Power Up IP232
Connect IP232 to LAN using standard Ethernet patch cable (not supplied). Connect included 12V power supply to IP232 and plug in to AC power outlet.
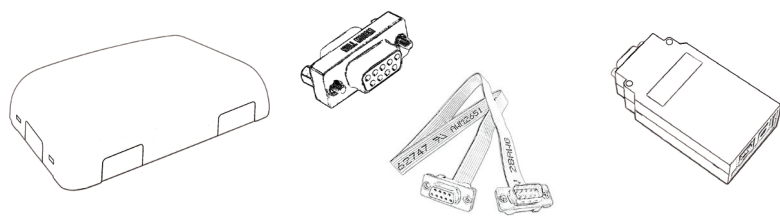
Use IP232 Config Utility to setup IP232:
1. Locate IP232 on network with Search option
2. Verify bootware and firmware are up-to-date
3. Assign static IP adress to IP232
4. Change serial port settings (Baud Rate = 9600; Handshaking = None)
5. Create outgoing connection rule (IP address of Smart Bridge Pro; Port 23; TCP; Following Power-up and Reboot, Require Login = Yes)
6. Enter login details as shown in the box to the left

Login Prompt and Reply
Prompt for User Name = login:
Prompt for Password = password:
User Name = lutron
Password = integration

3 Install M1XSLU M1 to Lutron Serial Interface

1. Power down M1 control
2. Connect +12, A, B and NEG data bus terminals on M1XSLU to M1 or data bus hub following standard data bus wiring guidelines as outlined in the M1 installation manual
3. Set data bus address of M1XSLU. Valid addresses are 1-7. Do not duplicate address with any other serial expanders.
4. Connect DB9 of M1XSLU to DB9 of IP232 using supplied serial ribbon cable and null modem adapter
5. Power up M1 control and perform bus module enrollment through M1 keypad or ElkRP2 to enroll M1XSLU.

4 Configure Devices in ElkRP2

NOTE: Smart Bridge Pro should always be device ID #1

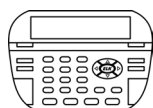**Using the integration report from step 1 to match the Lutron Caséta device IDs, program each device:**
1. Enter device name
2. Set format to Serial Expander
3. Set Type to Dimmer
4. DO NOT check Opt box
5. Check Show box for any devices you wish to see on the M1 user interfaces (keypads, software, apps, etc.)
6. Send lighting data to M1. Save account in ElkRP2.

Lighting

Folder Items
- Account Details
- Users
- Areas
- Keypads
- Zones (Inputs)
- Wireless Setup
- Cutoff Timers
- Globals
- Telephones
- Communicator
- Automation
  - Tasks
  - Lighting

Device	Name	Format	Type	Opt	Show
1 (A1)	Smartbridge Pro	Serial Expander	Dimmer	☐	☐
2 (A2)	LR Lamp 1	Serial Expander	Dimmer	☐	☑
3 (A3)	LR Lamp 2	Serial Expander	Dimmer	☐	☑
4 (A4)	Ceiling Spots	Serial Expander	Dimmer	☐	☑
5 (A5)	Dining Rm	Serial Expander	Dimmer	☐	☑
6 (A6)	Flood Lights	Serial Expander	Dimmer	☐	☑
7 (A7)	Mechanical	Serial Expander	Dimmer	☐	☑
8 (A8)	Foyer	Serial Expander	Dimmer	☐	☑
9 (A9)	Kitchen Spot	Serial Expander	Dimmer	☐	☑
10 (A10)	Kitchen Counter	Serial Expander	Dimmer	☐	☑
11 (A11)	Mst Bedroom	Serial Expander	Dimmer	☐	☑

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5 Power Cycle M1 System and Test

Power Cycle to start "Discovery Mode"
Power cycle the M1XSLU (powered by M1 through data bus) to allow the unit to obtain status of all Caséta devices. The LED blinks rapidly during Discovery mode, which takes a little over 2 minutes to complete.

Use M1 System Keypad to Test

```
1-View/Control ▶
Automation Fncts
```
1. Press **ELK**

```
1-Tasks        ▶
```
2. Press ▷

```
2-Lighting     ▶
```
3. Press △

```
LR Lamp 1
002:=OFF, #toChg▶
```
4. Press ▷
First device marked "Show" will appear. Use △▽ to scroll through devices or enter device number

```
LR Lamp 1
002:=ON , #toChg▶
```
5. Press **#** to change state of device
Press ▷ for dimming options for the device.

? Need More Info?

ELK PRODUCTS
www.elkproducts.com
(800) 797-9355

LUTRON®
www.casetawireless.com
(800) 523-9466