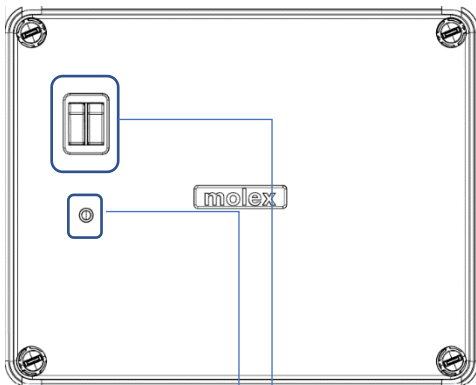


# CoreSync Driver Programmer Kit

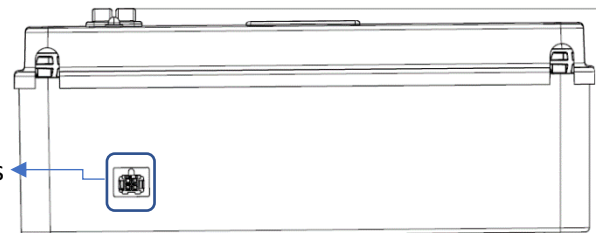


## INSTALLATION INSTRUCTIONS



Dual Rocker  
Power Switch  
LED Indicator

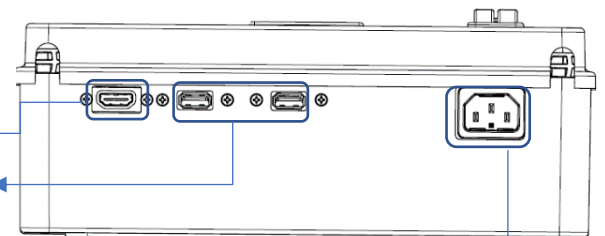
4-pin Micro Fit 3.0  
Connector for CoreSync Bus  
5 VDC + RS485 Data Line



HDMI to monitor

USB x2

C14 Power Plug



Order No.	Description
1807881000	CoreSync Driver Programmer Kit

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### IMPORTANT SAFETY INSTRUCTIONS. SAVE THESE INSTRUCTIONS

#### 1. CAUTION AND WARNING

- **CAUTION** – Observe precautions for handling electrostatic sensitive devices.
- **WARRANTY** – Voided if device has been modified from its original configuration or in the event of hot plug/hot swap.
- **WARNING** – Risk of Electric Shock. Do not handle energized module with wet hands or when standing on wet or damp surfaces.
- Use only with Class 2 Power Unit – 60VDC Max.
- Do not use outdoors.
- Suitable for damp locations
- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Maximum temperature is 30°C ambient.
- Input: AC voltage range of 100-250VAC 50-60Hz.

**DRIVER PROGRAMMER KIT MUST BE OPERATED BY A CORESYNC CERTIFIED TECHNICIAN**

## INSTALLATION INSTRUCTIONS

### 2. Setup

**Step 1.** Connect your mouse to the USB input.

**Step 2.** Connect your monitor to the HDMI input.

**Step 3.** Connect your power cable to the AC input, then turn both switches ON. (This delivers power to the PoE Source and Control circuit.)

**Step 4.** You'll connect your driver to the 4-Pin input when you're ready to begin updating its firmware and programming its output.

### 3. Procedures

**Step 1.** After you've set up the kit, **connect** your first driver to the **4-Pin input**. **TIP:** Be sure to keep the **clip** part of the cable at the **top** of the **input** on the driver (as shown below).



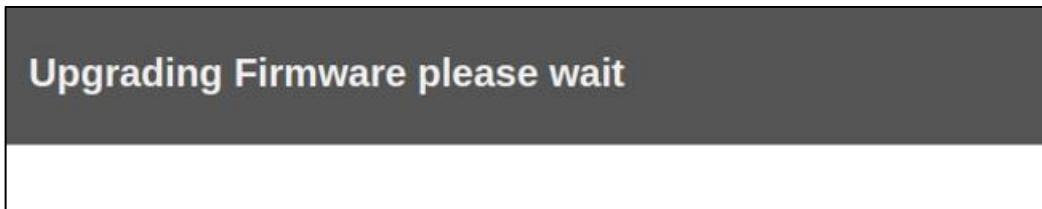
**Step 2.** Click **[Program Driver]**



**Step 3.** The system will automatically check the driver’s firmware.

**a. If the firmware is out-of-date...**

i. The system will automatically update the firmware. The blue light on the kit will flash and you’ll see the message stating “*Updating Firmware please wait*”. (This should take about 20 seconds to complete – when the firmware is updated, the light will stop flashing.)



Once the firmware is up-to-date, you’ll be directed to the driver screen for programming (see [Step 4](#)).

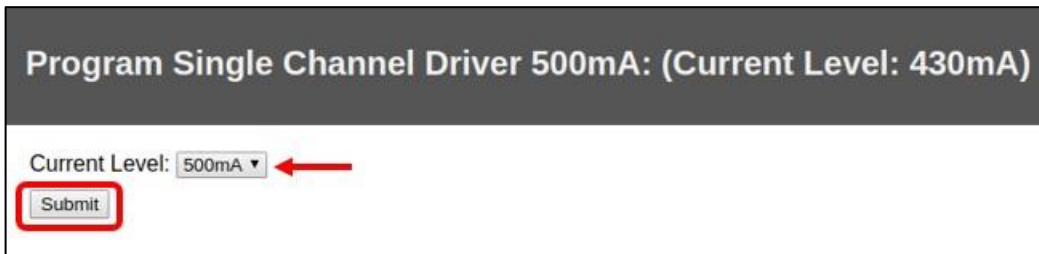
**b. If the firmware is up-to-date...**

i. You’ll automatically be directed to the driver screen for programming (see [Step 4](#)).

**Step 4.** The system will determine whether the driver is *single-channel* or *dual-channel*, then direct you to the appropriate driver screen.

**a. For Single Channel drivers...**

i. Click the drop-down list to select a new **Current Level** (in mA), then click **[Submit]**.



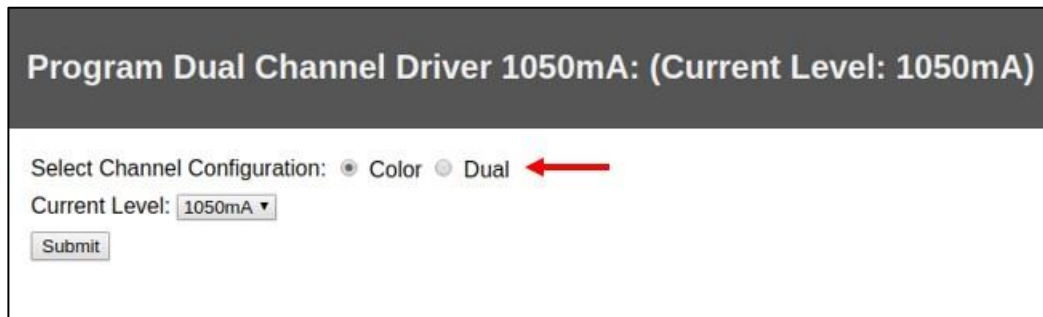
- ii. The light on the kit will turn green and you'll see a message stating that *"Your driver has been successfully programmed {factory value}mA driver to {new value}mA from {previous value}mA"*.



- iii. To program *another* driver, plug in a new driver and click **Program another driver**. (This will take you back to [Step 2](#) in this procedure.)

### ***b. For Dual Channel drivers...***

- i. Check the box to select either **Color** or **Dual**. (Select "Color" if you need the driver for a color-tunable light; select "Dual" if you need the driver for two different lights.)



- ii. Click the drop-down list to select a new **Current Level** (in mA), then click **[Submit]**.

### Program Dual Channel Driver 1050mA: (Current Level: 1050mA)

Select Channel Configuration:  Color  Dual

Current Level: 1050mA

- iii. The light on the kit will turn green and you'll see a message stating *"Your driver has been successfully programmed {factory value}mA driver to {new value}mA from {previous value}mA"*.

### Success!

Your driver has been successfully programmed 1050mA driver to 1020mA from 1050mA

- iv. To program *another* driver, plug in a new driver and click **Program another driver**. (This will take you back to [Step 2](#) in this procedure.)

**Step 5.** Repeat these steps for any driver you wish to program. When you're done, click **Shutdown**.

## INSTALLATION INSTRUCTIONS

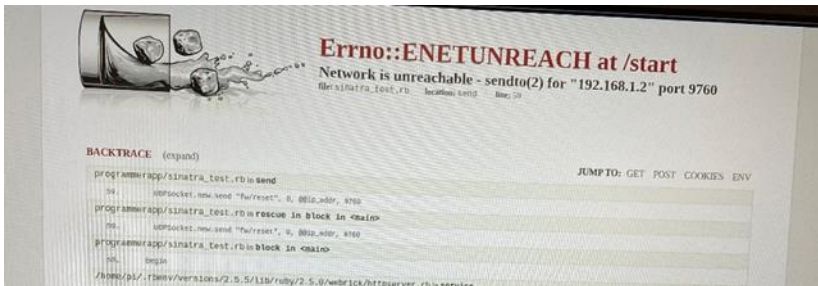
### 4. Troubleshooting

#### a. Firmware load failed

1. Remove the driver and let rest for a programming cycle.
2. Try again.
3. If it still fails, try a different driver.
4. If consecutive drivers result in the same error, contact your representative.

#### b. Error Page

1. If a critical error happens and the Errno page appears:



2. Connect a keyboard to the second USB port
3. Hold ctrl + alt + delete to bring up the reset window
4. Recent the control circuit by clicking “Reset”

#### c. Gateway Timeout

1. Reset the Gateway by turning the injector switch off.
2. Turn the switch back ON then wait 30 seconds.
3. If this fails...
  - a. Turn off both switches as well as the main power cable.
  - b. Turn the injector switch on first and wait 30 seconds.
  - c. Turn the control circuit switch on next and the unit should boot back up.

### d. Gateway unavailable, ip not found

1. Confirm that the injector power switch (7 in the illustration on page 4) is in the On position. If it's Off, turn it On.
2. If it already is On, then reset the Gateway by turning the injector power switch (7) off.
3. Turn the switch back ON then wait 30 seconds.
4. If this fails...
  - a. Turn Off both the switches as well as the main power
  - b. Turn the injector power switch on first and wait 30 seconds.
  - c. Turn the control circuit switch on next and the unit should boot back up.

### e. Driver unavailable

1. The driver is not being detected, so first try a different driver.
2. If the second driver is not detected, contact your representative for assistance. The 4-Pin harness might need to be replaced.



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