

# Niño PoE Motor Configuration Guide



This guide will go over how to commission, configure, and control the Shade Innovations Niño PoE Motors.

1. SI PoE Motor 0.7Nm
2. SI PoE Motor 1.1Nm
3. SI PoE Motor 2Nm

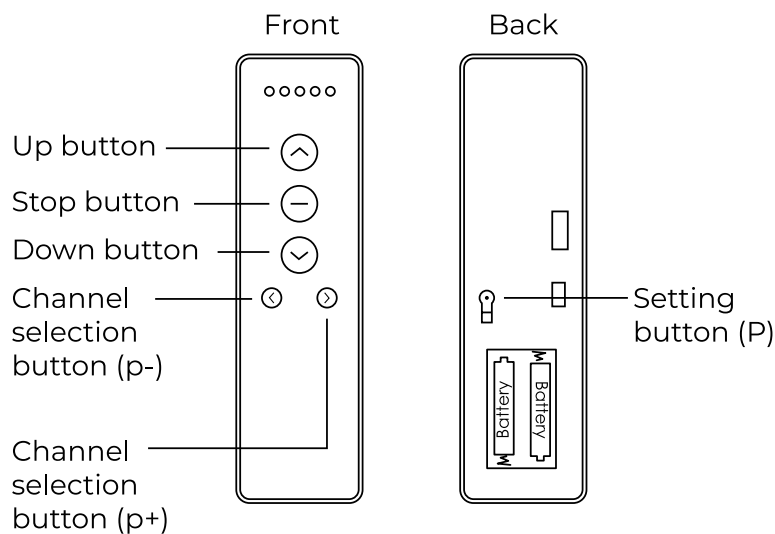
## Power

Requires a PoE Switch or PoE Injector(30W or higher).

## Control Options

1. Native Niño RF remote
2. Using the SI IP Bridge and TROY
  - Allows Groups, Scenes and Events, Third Party Integration, more remote / control options, etc.
3. Direct Control4 Integration

## Niño Remote Settings



### Pairing / unpairing remote:

1. Press and hold programming button on the head of the motor for 1 jog.
2. Press and hold the STOP button on the remote you wish to pair, until the motors jogs twice to confirm that the remote has been paired.
3. To unpair the remote, repeat this process.

## MOTOR SETTINGS

### Changing Motor Rotation:

1. With no limits:
  - Press and hold the UP and DOWN buttons on the remote until the motor jogs once.
2. With limits:
  - Press the programming button on the back of the remote until the motor jogs once.
  - Press and hold the UP and DOWN buttons until the motor jogs once.

## Adjusting Limits

**NOTE:** *Niño shade end limits are pre-configured at the factory. If you wish to adjust the end limits, follow the steps below. If the motor has no limits set, skip to the “SETTING THE UPPER AND LOWER LIMITS” section.*

### Adjusting the Upper Limit:

1. Press and hold the UP and STOP buttons on the remote until the motor jogs once.
2. Move the shade to the desired location.
3. Press and hold the UP and STOP buttons on the remote until the motor jogs twice.
4. The new upper limit is now set.

### Adjusting the Lower Limit:

1. Press and hold the DOWN and STOP buttons on the remote until the motor jogs once.
2. Move the shade to the desired location.
3. Press and hold the DOWN and STOP buttons on the remote until the motor jogs twice.
4. The new lower limit is now set.

## Add / Remove Additional Remote

1. Press the programming button on the remote control currently paired to the motor, until the motor jogs once.
2. Again, press the programming button the remote control currently paired to the motor, until the motor jogs once.
3. Press the programming button on the new remote control you wish to add, until the motor jogs twice.
4. This remote is now paired to the motor.
5. If you wish to remove the additional remote, simply repeat this process.

## Adjusting Rotation Speed

### Increasing Speed

1. Press the programming button on the back of the remote, until the motor jogs once.
2. Press the UP button
3. Press the UP button to increase speed, or DOWN to decrease speed. The motor will jog to indicate current set speed.
  - 1 jog, level 1
  - 2 jog, level 2
  - 3 jog, level 3
4. If the motor does not respond, it has reached its maximum speed.

### Decreasing Speed

1. Press the programming button on the back of the remote, until the motor jogs once.
2. Press the UP button
3. Press the UP button to increase speed, or DOWN to decrease speed. The motor will jog to indicate current set speed.
  - 1 jog, level 1
  - 2 jog, level 2
  - 3 jog, level 3
4. If the motor does not respond, it has reached its maximum speed.

## Tilt Mode

To switch between tilt mode (moves an inch with each press) and running modes (moves continuously), ensure the shade limits are set, and then follow these steps below:

1. Using the remote, hold the UP and DOWN buttons for around 5 seconds; the motor will jog once.
2. After the motor jogs, press the STOP button. The motor will jog once, indicating it has entered Tilt mode.

**NOTE:** *To return to running mode for continuous*

## Factory Reset (Remove Limits and Remotes)

Press and hold the motor-head button for 4 jogs. End limits and remotes are now deleted.

## Setting the Upper and Lower Limits

### Upper Limit

1. Operate the motor to the desired upper limit position.
2. Then press and hold the UP and STOP buttons together for two jogs.
3. The lower limit is now set.

### Lower Limit

1. Operate the motor to the desired upper limit position.
2. Then press and hold the UP and STOP buttons together for two jogs.
3. The lower limit is now set.

After the limits have been set successfully, the motor will enter user mode

## How To Put Motor To Sleep (Radio Lock)

To switch between tilt mode (moves an inch with each press) and running modes (moves continuously), ensure the shade limits are set, and then follow these steps below:

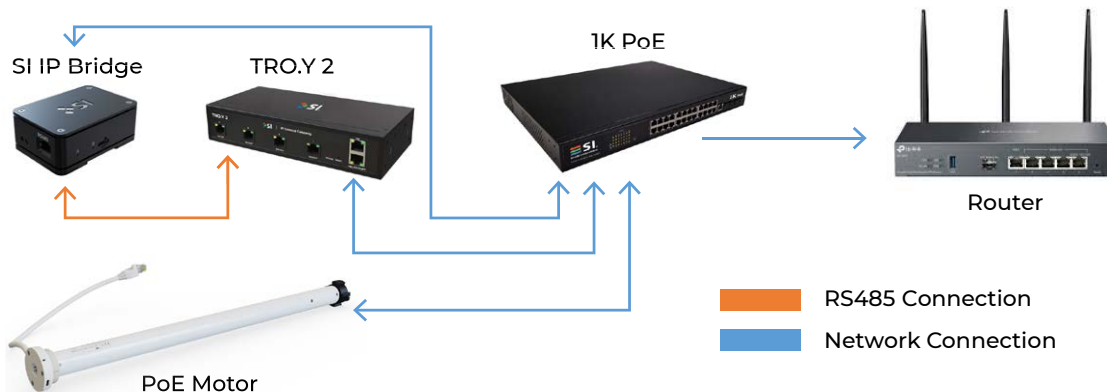
1. Press and hold the motor head button for 10 seconds. The motor will jog 3 times.
2. The motor is now Radio locked and will not accept any commands.
  - To get out of Radio lock mode, simply hold the motor head button for 1 jog.

## Integration into TROY



Scan the QR code to access TROY Ecosystem support page:

To integrate your SI PoE Motor into TROY, you will need an SI IP Bridge (PN: 340100). All devices are required to be on the same network for communication and control.



## Discovery, Commissioning, And Config:

1. The SI Niño PoE Motors, IP Bridge, and TROY are required to all be on the same network.
2. Navigate to the Device Table on TROY and click the “Start Wired Device Discovery” button. Any SI PoE Motors that are on the network will populate into the list.
  - To stop discovery, hit the yellow “Stop Wired Device Discovery” button.

The screenshot shows the 'Device Integration Table' interface. At the top left is a 'Back' button. Below it is the title 'Device Integration Table'. There are four buttons in a row: 'Stop Wired Device Discovery' (yellow), 'Open Zigbee Pairing', 'Query Helen for Connected Devices', and 'Create Device'. Below these are three buttons: 'Save Edits', 'Validate Edits', and 'Discard Edits'. The table has columns for 'Label', 'Integration ID', 'Native ID', and 'Type'. The first row shows a device with Label '- Device Label -', Integration ID '001033', Native ID 'EE7A17', and Type 'RS485' and 'motor'. There are 'Delete', 'Config', and 'Test' buttons for each device.

3. Name your discovered devices.
4. To view properties and configure limits, preset positions, and groups, click the “Config” button on the device table listing.

The screenshot shows the configuration interface for a device. At the top, there are buttons for 'Native ID' and 'Type'. Below them are input fields for 'Native ID' (containing 'EE7A17') and 'Type' (containing 'RS485' and 'motor'). There are 'Delete' and 'Config' buttons. A blue arrow points to the 'Config' button. Below this is a section with 'Device Label: A NINO IP 001 [001033]' and a 'Push Configuration From File' button. Below that is a 'Native ID: EE7A17' field. There are buttons for 'Properties', 'Limits', 'Presets', and 'Groups'. Below this is a section titled 'Motor Controls' with buttons for 'AA', 'A', '@', 'V', and 'VV'. There is a 'Position: 250 / 25% Extended' field and a 'Refresh' button.

5. To save edits upon completion of commissioning and configuring your devices, click the “Save Edits” button on the TROY device table.
  - Navigate to the Aggregate Integration Table and click the “Commit Integration Table” button. The button will turn green to indicate that the changes have been saved.
6. Test and control your devices from the TROY device table.
7. Additional options include: groups, scenes, scheduled events, and third-party integration.
8. Refer to our TROY Programming Guide for more configuration information.



Scan the QR code to reach our Help Center

Problems related to electrical or motor function may require a qualified service person or electrician. For issues surrounding installation and operation, contact the **Shade Innovations Technical Service team** 512.832.6939 or email at [support@shadeinnovations.com](mailto:support@shadeinnovations.com)



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