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Sensor Dimmer CEM Settings
Normal Job Adjustments

Address Rack and Assign DMX

Press	**Setup** Button
Press	**2** Button
Press	**>** Button until Display reads **Start Addr:**
Type	**Address desired (usually 1)**(use 0-9 Buttons)
Press	**Enter** Button
Press	**Reset** Button

Direct Dimmer Control to Turn Dimmers on at the rack
This will override Console DMX control unless cleared

Press	**Dimmer** Button
Type	**Dimmer number** to turn on (use 0-9 Buttons)
Press	**At** Button
Type	**Dimmer Level** of 0-100 (use 0-9 Buttons)
Press	**Enter** Button
Repeat	Above 4 steps as needed
Press	**Exit** Button to quit

Clearing Direct Dimmer Control

Press	**Dimmer** Button
Type	**Dimmer number** to release (use 0-9 Buttons)
Press	**At** Button
Press	**Clear** Button
Press	**Enter** Button

When dimmer is cleared of direct control the display will read as **NOT SET**

Repeat	Above 4 steps as needed
Press	**Exit** Button to quit

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Sensor Dimmer CEM Settings
Special Needs Adjustments

Dimmer Profile Values

Press	The **Setup** button
Press	The **1** button
Type	The **Dimmer Number** to adjust (use 0-9 Buttons)
Press	The **>** button to advance between items
Press	The **enter** button to select an item to edit
Press	The **up and down arrows** to change settings

Curve value should be Mod Square
Scale value should be 118

For normal operation

Mode and Threshold values should be should be Normal

For special non-dimming operation

Mode value should be Non-dim and Threshold value should be always on

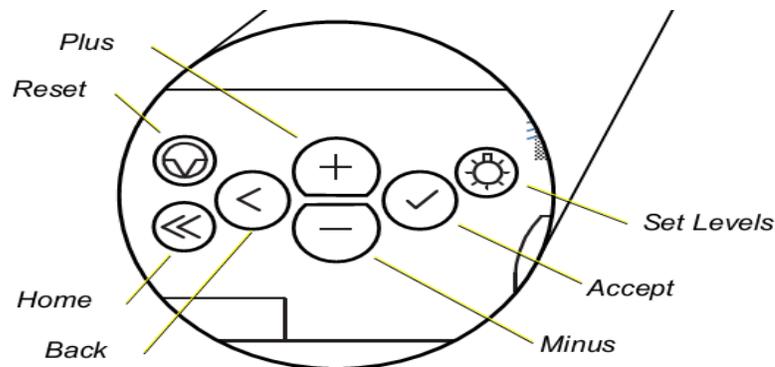|	
Press	The **enter** button accept the change
Repeat	Above steps as needed
Press	The **Exit** button to end

Generate Defaults

Press & hold the **Dimmer** button.
Whilst still holding the button
Press & release the **Reset** button
Release the **Dimmer** button when screen resets

Press the **Dimmer** button
Repeat the above step until the password received message appears
Press the **Enter** button
Press the **4** button
Press the **1** button
Press the **Enter** button
The overwrite configuration? Message will appear
Press & hold the **^** button until YES appears
Press & hold the **Enter** button until Initialization begins

Press the **>** button to advance between the following items
Press the **enter** button to select an item to edit
Press the **up and down arrow** buttons to change settings

The # Racks value should be 1
The Rack type value should be SP24 for Touring Rack or
The Rack type value should be SR6 for 12 Pack
The CEM value should be 120v
The Setup Module value should be D20
Press the enter button to accept the change
Press the Exit button to end more initialization will occur
The display will read etclink 1
Press the enter button

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Sensor Dimmer CEM+ Settings
Normal Job Adjustments

Address Rack

Press   **Accept**

Press   **Plus or Minus** until address is shown

Press   **Accept**

Direct Dimmer Control to turn on Dimmers at the Rack

To Select a Single Dimmer		To Select a Group of Dimmers	
Press	**Set Levels**	Press	**Set Levels**
Press	**Accept**	Press	**Accept**
Press	**Plus or Minus** to get **Dimmer**	Press	**Plus or Minus** to get starting dimmer
Press	**Accept**	Press	**Accept**
Press	**Accept**	Press	**Plus or Minus** to get ending dimmer
Press	**Plus or Minus** to set level	Press	**Accept**
Press	**Accept**	Press	**Plus or Minus** to set level
		Press	**Accept**

To Release

Press   **Set Levels**

Press   **Accept**

Press   **Plus or Minus** to get to the dimmer you want to release

Press   **Accept**

Press   **Accept**

Press   **Plus or Minus** until screen reads **Release**

Press   **Accept**

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Sensor Dimmer CEM Settings
Special Needs Adjustments

To Get to Advanced Features

Press	**Accept**
Press	**Minus** Until **Configure**
Press	**Accept**

Set Password 3333

Press	**Accept**
Press	**Plus** until **Full Feature**
Press	**Accept**
Press	**Accept** Voltage **[120]**
Press	**Accept** Phase Balance **[Straight 3-Phase]**
Press	**Accept** Rack Type, SP-6=12 rack, SP12=24 rack, **SP24**=48 rack(our road racks are SP24)
Press	**Accept** Module Type **[D20]**
Press	**Accept** Dimmer Double **[Off]**
Press	**Accept** DMX Start **[1]**
Press	**Accept**

Save Changes

Press	**Plus** to **Yes**
Press	**Accept** (rack will reset in advanced mode)

After the Rack Restarts Follow these steps to set up the Dimmers

To Set Dimmer Curve

Press	**Plus** to **Dimmer**
Press	**Accept**
Press	**Plus** to **Setup Dimmer**
Press	**Accept**
Press	**Plus** to **Set Curve**
Press	Accept

Set Dimmer Range

Press	**Accept**

Curve should be Set to **Mod-Square**

To Set Dimmer Mode

Press	**Plus** to **Dimmer**
Press	**Accept**
Press	**Plus** to **Firing Mode**
Press	**Accept**

Set Dimmer Range

Press	**Accept**

Normal Operation = **Normal**
Non-dim Operation= **Always On**

Press	**Accept**