

Rollie Systems

Instruction/Installation Manual

Dimmer Control



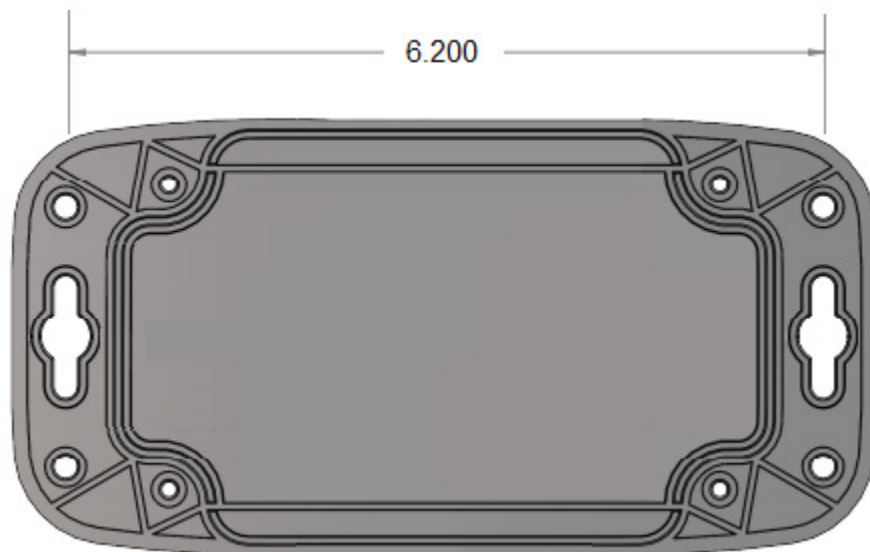
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Overview

The Rollie Systems programmable dimmer allows timed control of power output to LED fixtures. Start and stop times, maximum output and ramp up and down times are all programmable by the user.

Mounting:

There are several screw holes available for securing the dimmer. All holes are equally spaced at 6.2 inches.



Hook Up:

Input

The unit comes supplied with a 15 VDC power supply. Do not substitute!. Insert the connector into the power input jack on the left side of the unit.

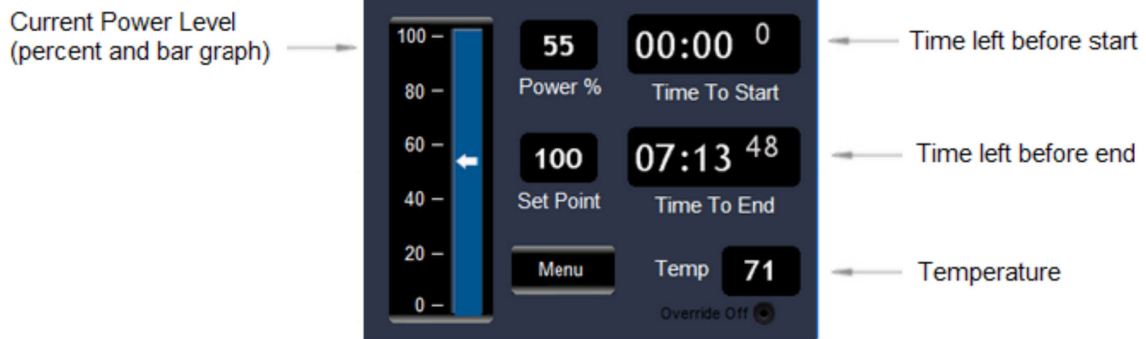
Output

There are 2 screw terminals on the right side of the unit. + Volts is on top and -Volts is on the bottom.

Be cautious when connecting your lights. Make sure you know which wires are plus and minus for your fixture!



Main Screen:



The main screen shows the current % power being output to the light fixtures, the time to start and time to end. In addition, the target power and room temperature are also shown.

Programming:

To program the various parameters start by pressing the Menu button.

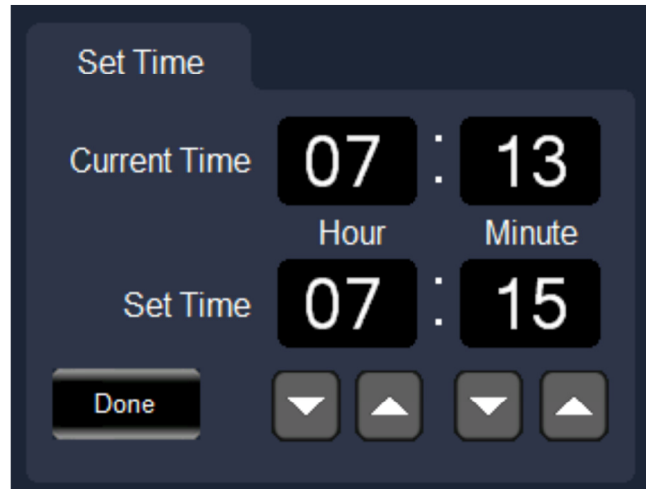
Menu Screen Overview



Set the current time:

The Set Time screen shows the current time(in 24 hour format).

To adjust the current time use the Plus and Minus keys for Hour and Minute. Press Done when finished.



Ramp:

The ramp time is the amount of time(in minutes) it takes to go from 0% output to 100%(Sunrise) of the maximum power desired and, the amount of time(in minutes) it takes to go from max power to 0%(Sunset).

An example is the maximum power is set to 80%. The Sunrise ramp time is 12 minutes. Once the On Time is reached the dimmer will start ramping up the power to the light fixture. In this case it will take 12 minutes to go from 0% to 80%. The Sunset is set to 16 minutes. It will take 16 minutes to go from maximum power to zero.

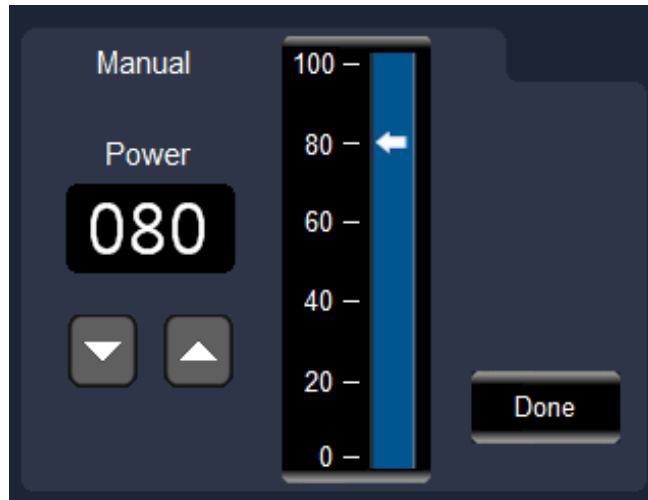
Note: Not all fixtures will dim to off.



Adjust the ramp times and the maximum power by using the Up and Down arrow keys. Press Done when finished.

Manual Mode:

The manual mode allows the timed settings and max power to be adjusted in real time.



To adjust the output press the arrow indicator on the bar graph and slide either up or down. Once the button is released the output will be set.

For fine adjustment use the Up or Down arrow keys. Each time the button is released the new value will be set.

To continue running in Manual mode be sure and stay on this page. Pressing Done will switch the system back to scheduled dimming.

Start and End Times:

The start time is when the dimmer will start outputting control to the light fixture.
The End time is when the control output will be set to zero.



Enable and Set Temperature

The set point is the temperature at which the lights will shut down because the room is too hot.

First, click the Enable button to enable temperature monitoring. Adjust the set point where the lights should shut off.

The Dim Down feature allows the light output to step down 20% at a time until the room cools below the set point. Leaving this disabled will cause the output to go right to zero power instead of ramping down slowly.

Press Done.

