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Hello!

Congratulations on your new lighting timer from **Yeti Solar**, LLC. Want to set your solar lights to come on just before you come home so you don't have to come home to a dark house? Want automatic lighting every day for chickens, cows, or other domestic animals? Want to fool potential thieves while you're on vacation? This timer has you covered! With the instructions below, you can have your timer installed and programmed in under 20 minutes.

Thank you for your purchase!

- The Yeti Solar, LLC team



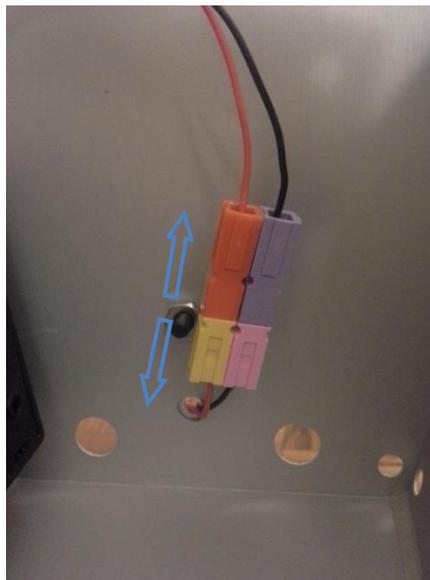
Things you Should Know

- This timer is **not waterproof or outdoor-rated**.
- This timer should be used with **12VDC Yeti Solar lights only** (LightPortal™, LightPassage™ or Exclamation Light™).
- This timer can draw power from an external source (LightPortal™ battery) or its internal battery if it is disconnected. It may be **easier to learn to program it before it is connected to anything** (see last section), and then install it.
- This timer takes over the function of the switch on your light fixture. So, you need to **turn on the switch on your light fixture** and leave it that way after you install the timer, or the timer won't be able to turn the light fixture on!

How to Install a Timer for your LightPortal™ /LightPassage™

Step 1. If the LightPortal™¹ is already installed, **disconnect and remove the battery** from the LightPortal™ light fixture.

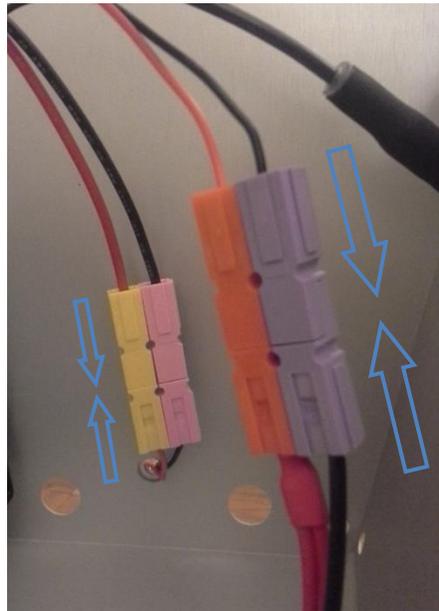
Step 2. **Disconnect the pink-and-yellow** pair of click-connects **from the purple-and-orange** pair of click-connects in the LightPortal™ between the charge controller and the LEDs (inside the light fixture).



¹ All of these steps are the same for the LightPassage™ as for the LightPortal™.

Step 3. Connect the purple-and-orange pair of click-connects from the timer to the purple-and-orange pair of quick connects in the LightPortal™ (wires coming from the charge controller). Make sure to connect purple to purple and orange to orange.

Step 4. Connect the pink-and-yellow pair of click-connects from the timer to the pink-and-yellow pair of quick connects in the LightPortal™ (wires coming from the LEDs). Make sure to connect pink to pink and yellow to yellow.

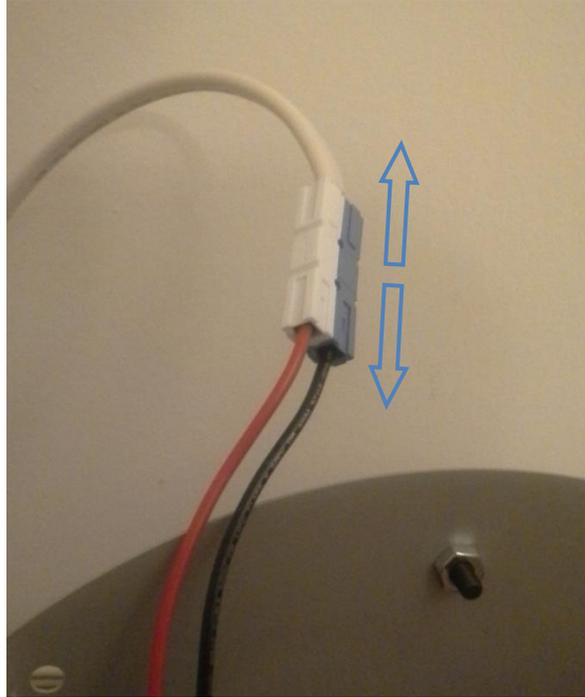


Step 5. Mount the timer to the wall near the LightPortal™, by peeling the paper off the adhesive strips on the back and pressing firmly to the wall. Leave enough slack in the wires so that there is space to put the battery back in the LightPortal™!

Step 6. Re-insert the battery into the LightPortal™ and reconnect it. Congratulations, you're done!

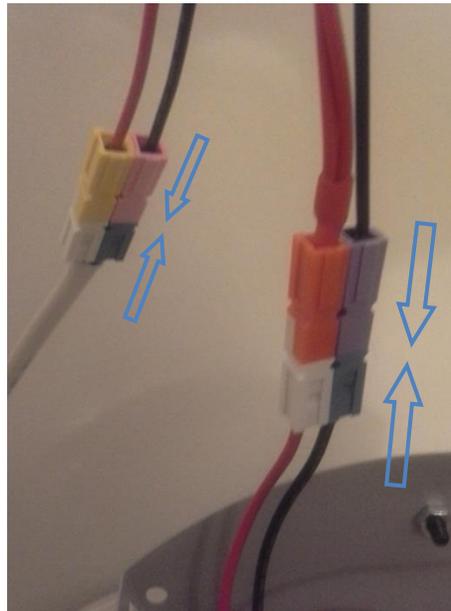
How to Install a Timer for your Exclamation Light™

Step 1. Disconnect the blue-and-white pair of click-connects between the LightPortal™ and the Exclamation Light.



Step 2. Connect the purple-and-orange pair of click-connects from the timer to the blue-and-white pair of quick connects in the LightPortal™. Make sure to connect purple to blue and orange to white.

Step 3. Connect the pink-and-yellow pair of click-connects from the timer to the blue-and-white pair of quick connects coming from the Exclamation Light. Make sure to connect pink to blue and orange to white.



Step 4. Mount the timer to the wall near the LightPortal™, by peeling the paper off the adhesive strips on the back and pressing firmly to the wall. Congratulations, you're done!

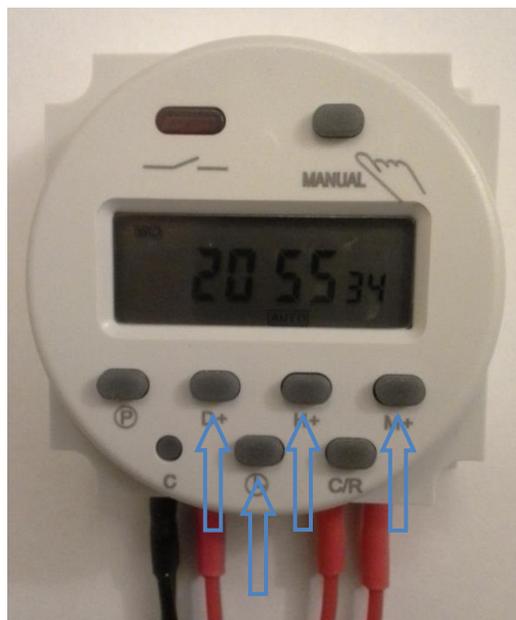
Programming the Timer

The timer is programmed much like a digital watch. It uses a 24-hour clock; 0:00 is midnight, 8:00 is 8 am, 17:00 is 5 pm, and so on.

Step 1. Press the C button down to turn the timer on (if this is not done already). Once this button is pressed, it stays that way.

Step 2. Set the time:

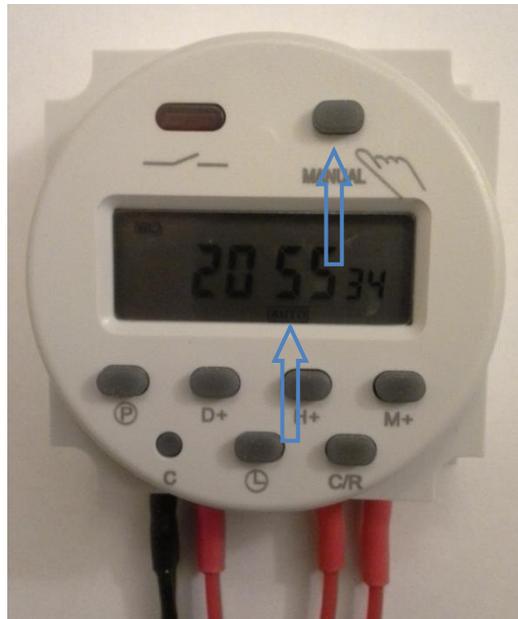
- Press and hold the button with the clock symbol.
- With the clock button held down, press the D+ button to move forward through the days of the week, until the timer reads the correct day on the screen (across the top).
- With the clock button held down, press the H+ button to move forward through the hours of the day until the timer reads the correct hour (keep in mind it uses a 24 hour clock!).
- With the clock button held down, press the M+ button to move forward through the minutes of the hour until the timer reads the correct minute.



Step 3. There is a **manual override**, which you can control by pressing the 'manual' button at the top, with a picture of a hand next to it. The 'manual' button has three functions you can cycle through:

- *Turn on* (small picture of a lightbulb appears at the bottom right of the screen). Use this function to turn on the lights.
- *Turn off* (small picture of a lightbulb crossed out at the bottom of the screen). Use this function to turn off the lights.
- *follow programming* (word 'auto' at the bottom right of the screen). The timer will turn the light fixture on and off at the times you have programmed.

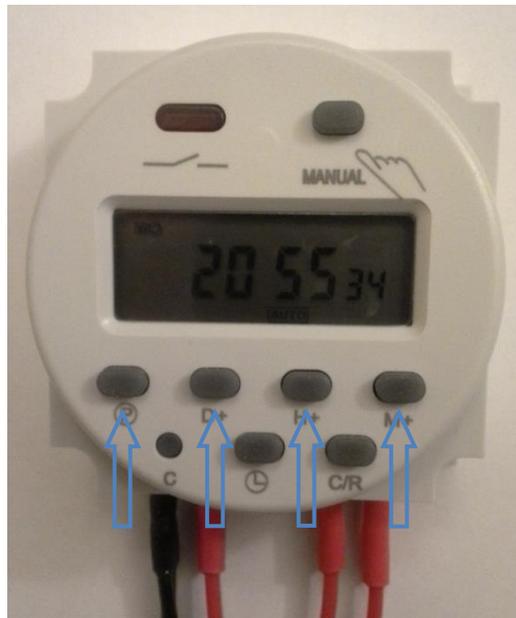
Press the 'manual' button until it is set to *turn off* the light fixture, then press it once more to set it to *follow programming*.



Step 4. Set a program (on time and off time). The timer can support up to 17 different programs, each with a different on time and off time.

- Press the program button (P in a circle) to get to the first program turn on time. You will see '1' and 'on' in the lower left, and dashes across the main face. If you leave the timer this way for a while, it will go back to the main screen (current time). Just press the program button again to get back to the first program turn on time.
- Use the D+ button to cycle through which days of the week you want your program to happen. The default setting is 7 days a week; do nothing if you would like that timing schedule. If you keep pressing the D+ button, you will get schedules such as Monday/Wednesday/Friday, Tuesday/Thursday/Saturday etc.
- Use the H+ and M+ buttons to set your start time. So, if you wanted to program it for 5:00 pm, press the H+ button until the display reads 17:00.

- Press the program button again to get to the first program turn off time. You will see '1' and 'off' in the lower left, and dashes across the main face. Adjust the program end time using the H+ and M+ buttons.
- Keep pressing the program button to set up to 17 programs. Or press the clock button to return to the main screen where the time is displayed.



Step 5. Practice Programming:

- Try setting a program that starts two minutes from the current time to make sure you have everything set up right. If it is, the red light in the upper left of the timer should light up, and so should your light fixture (keep in mind, you have to leave the switch on the light fixture on).
- To delete your practice program, navigate to the program on and off time using the program button and press the C/R button to clear them. They should go back to being dashes instead of displaying times. A displayed time of 0:00 indicates midnight, not that the program is off!

If you encounter any difficulties, please consult our website at www.yetisolar.com, e-mail us at sales@yetisolar.com, or call us at 571-423-9473.