




RC-021
PLUG-IN
TIMER
SWITCH



Brighttown RC-021 Plug-in Timer Switch User Guide

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Brighttown RC-021 Plug-in Timer Switch



INTRODUCTION

If you want to easily automate your home's lights or appliances, the Brightown RC-021 Plug-in Timer Switch is the best choice. This timer is made to work both inside and outside, and it comes with an easy-to-use remote control that lets you control your lights from afar. The RC-021 is a cheap and easy way to control electrical gadgets without having to watch them all the time. It costs only \$19.99. It has four programmable timing modes (2H, 4H, 6H, 8H), three grounded outlets, and a photocell light sensor, so you can handle your electrical devices in a variety of ways. This timer works great for lighting systems that need to stay on at the same time every day, like security lights, holiday lights, or yard lights. Brightown is a well-known and trusted name in home automation, and the RC-021 was released in 2021 and continues to give homeowners great performance and dependability.

SPECIFICATIONS

Brand	Brightown
Price	\$19.99
Number of Grounded Outlets	3
Photocell Light Sensor	Yes
Timing Modes	2H/4H/6H/8H
Item Model Number	RC-021
Size	3 Outlets-Timer with Remote
Switch Style	Push Button
Certification	cULus
Manufacturer	Brightown
Item Weight	10.2 ounces



WHAT'S IN THE BOX

- Plug-in Timer Switch
- User Guide

FEATURES

- **Functionality of the Remote Control:** The timer comes with a 100-foot-range wireless remote control that you can use to control it through doors or walls.



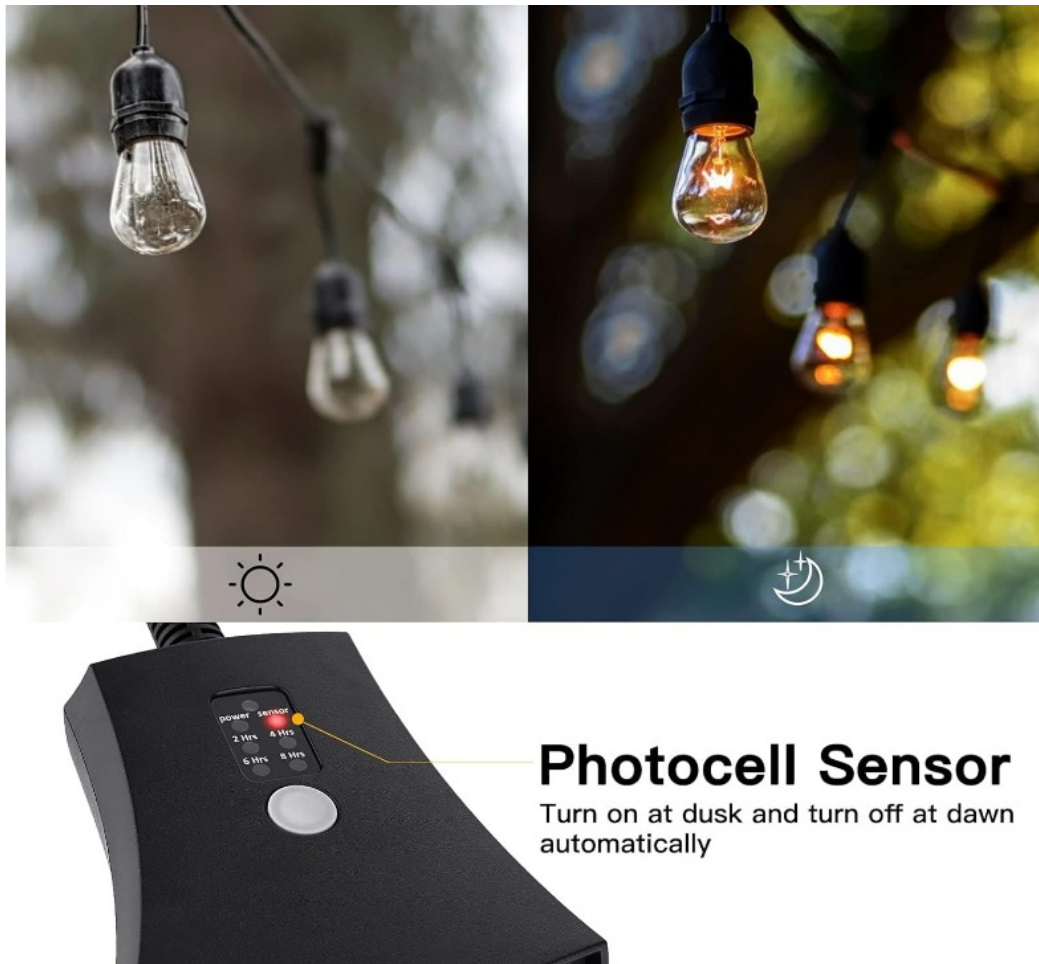
- The photocell light sensor turns the lights on at dusk and off at dawn, so you don't have to do it yourself.
- **Multiple Timing Modes:** provides flexible timing choices with 2, 4, 6, or 8-hour gaps, as well as a 24-hour cycle that can be used every day.
- **3 Grounded Outlets:** It has three grounded outlets, so you can handle up to three devices at the same time, like lights or pumps.
- **Waterproof Design:** The unit is waterproof, so it will work reliably and last a long time in all kinds of weather. It's great for use outside.

Waterproof

Please use our timer vertically at least 2FT above the ground



- **UL-Listed Certification:** The timer is UL-listed, which means it meets safety standards and works in a safe and effective way.
- **Better Countdown Timer:** The built-in photocell sensor changes the timing instantly, so you don't have to do anything.



Photocell Sensor

Turn on at dusk and turn off at dawn automatically

- **Easy to Use:** The plug-and-play design means you don't need any tools or computer knowledge to set it up. Just plug it in and you're good to go.
- **Strong Radio Frequency:** The remote control works well even through walls and other barriers, making it easy for people who have trouble moving around to use.
- **Flexible Uses:** It can be used to handle pool pumps, fountains, outdoor lights, Christmas lights, and other home appliances.
- **Strong Construction:** It is made from strong materials and has a 0.5-inch SJTW 14/3C grounded cord to make it last longer.
- **Multiple Uses:** It can be used for home and business reasons, as well as for outdoor lighting for holidays and other general needs.
- **Eco-friendly:** The automatic on/off feature saves energy by making sure gadgets aren't left on when they're not needed.
- **Simple Hanging Installation:** It has a screw hole that makes it easy to hang vertically on outdoor walls or posts.
- It can take up to 15A of load, which is enough for a lot of different electrical appliances.

SETUP GUIDE

- **Plug It In:** To start, just plug the timer into any normal 125V AC outlet.
- You can connect up to three devices to the timer's three grounded plugs. These devices could be outdoor lights or pool pumps.
- **Set Timer:** Use the button on the timer or remote control to choose the timing style you want (2H, 4H, 6H, or

8H).

- **Turn on Remote:** Press the button on the remote to turn devices on or off from up to 100 feet away.
- **Use the Photocell:** The built-in photocell monitor turns on the timer at dusk and turns it off at dawn.
- **Pick Time Intervals:** You can change how long devices will stay on by picking one of the time intervals that are offered.
- **Set to Repeat:** Once the timer is set, it will use the same settings every day without having to be changed by hand.
- **Installation Outside:** Hold the timer vertically outside, making sure it's at least 2 feet above the ground for safety and proper use.
- **Manual Override:** The unit has a push button that can be used to turn the timer on or off by hand.
- **How to Use the Remote:** You can set the timer with the remote from up to 100 feet away, which is great for places that are hard to get to.
- **Protect the Timer:** To keep the timer from getting damaged, put it somewhere dry and away from water that will not drip.
- **Change Photocell Sensitivity:** If you need to, change the photocell's sensitivity. This is especially important if light from other sources stops it from activating automatically.
- **Weatherproof Setup:** The timer should always be put in a place that is waterproof or out of the way of rain or snow.
- **Time Zones:** When you set the on/off times, the timer will instantly change to the local time. It works by following the length of daylight.
- **Testing Function:** Check the timer to make sure it works the way you want it to before leaving it to do its thing.

CARE & MAINTENANCE

- **Wipe the timer's surface** with a soft, damp cloth every so often to get rid of dirt and dust buildup.
- **Check for Damage:** If you use it outside, look for signs of wear or damage on the cords and plugs.
- **Protect From Water:** Make sure the unit is always put in a dry place and that water doesn't get into the electrical sockets.
- **Change Batteries:** If the remote stops working, you should change the CR2032 battery inside it so that it works as well as possible.
- **Check Timer Settings:** Check the timer settings every so often to make sure they are still working right, especially when changing seasons.
- **Store Inside:** Keep the timer inside when not in use for long periods of time to keep it safe from bad weather.
- **Check Photocell Sensor:** Make sure the photocell sensor can properly detect light by cleaning it every so often.
- **Avoid Overloading:** Do not use more than 15A at a time, or the timer could get too hot and break.
- **Disconnect When Not in Use:** If you're not going to use the timer for a long time, unplug it so that it doesn't use energy that you don't need to.
- **Avoid Sharp Objects:** Do not poke or cut the timer with anything sharp, as this could damage the parts inside.
- **Look at the wires:** If the timer is used outside, especially, look for signs of fraying or damage in the wires.
- **Replace Timer If Faulty:** If the timer stops working or fails, you might want to replace it to keep things safe and functional.
- **Dry Before Storing:** Make sure the timer is completely dry before putting it away after using it outside to avoid damage on the inside.

- **Check the Connections:** Make sure that the devices that are put into the timer are properly connected and that the timer is firmly plugged into the wall.
- **Periodic return:** If you need to, you can return the timer to its original settings to fix any problems or change how it's set up as you like.

TROUBLESHOOTING

Issue	Possible Solution
Timer not turning on	Check the power source and ensure the timer is plugged in correctly.
Timer not responding to remote control	Ensure the remote's batteries are installed correctly and are not dead.
Lights don't turn on/off at scheduled times	Confirm that the correct timing mode (2H, 4H, 6H, 8H) is selected.
Timer is not controlling all outlets	Verify that the timer's outlets are properly connected to devices.
Timer turns off too soon or too late	Adjust the timing settings on the remote control or timer dial.
Photocell light sensor not working	Ensure the photocell sensor is exposed to enough light for proper operation.
Timer isn't turning off lights	Make sure the timing mode is set to the desired turn-off period.
Remote control not working	Try re-syncing the remote with the timer or check for any obstructions.
Timer heats up excessively	Ensure that high-power devices are not being used beyond the recommended limit.
Timer malfunctions in outdoor conditions	Ensure the timer is being used within its operational temperature range.

PROS & CONS

Pros:

1. Three grounded outlets provide versatility for multiple devices.
2. The photocell light sensor adjusts the timing based on natural light conditions.
3. The remote control feature enhances convenience for users.
4. Multiple timing modes (2H, 4H, 6H, 8H) allow for personalized scheduling.
5. Compact and durable design suitable for both indoor and outdoor use.

Cons:

1. Limited to a maximum of three outlets; may not suffice for larger setups.
2. Lacks Wi-Fi or smart app control functionality.
3. May not work well with high-power appliances or equipment.
4. Remote control requires batteries, which may need frequent replacement.
5. Some users may find the 8-hour max timing mode restrictive for longer durations.

WARRANTY

The Brightown RC-021 Plug-in Timer Switch comes with a standard **1-year warranty** covering manufacturer defects. For any issues related to its functionality, you can reach out to Brightown's customer support for troubleshooting or to initiate a warranty claim.

FREQUENTLY ASKED QUESTIONS

What is the price of the Brightown RC-021 Plug-in Timer Switch?

The Brightown RC-021 Plug-in Timer Switch is priced at \$19.99, offering a convenient and affordable solution for controlling multiple devices with timing functionality.

How many grounded outlets does the Brightown RC-021 Plug-in Timer Switch have?

The Brightown RC-021 Plug-in Timer Switch features 3 grounded outlets, allowing you to connect and control multiple devices or lights simultaneously.

What is the function of the photocell light sensor on the Brightown RC-021 Plug-in Timer Switch?

The Brightown RC-021 Plug-in Timer Switch includes a photocell light sensor, which automatically adjusts the lighting based on ambient light, providing energy savings and convenience.

What are the available timing modes on the Brightown RC-021 Plug-in Timer Switch?

The Brightown RC-021 Plug-in Timer Switch offers 2H, 4H, 6H, and 8H timing modes, allowing you to customize when connected devices or lights turn on or off.

What is the switch style on the Brightown RC-021 Plug-in Timer Switch?

The Brightown RC-021 Plug-in Timer Switch uses a push button switch style, making it easy to operate and adjust settings for your connected devices.

What type of certification does the Brightown RC-021 Plug-in Timer Switch have?

The Brightown RC-021 Plug-in Timer Switch is cULus certified, ensuring it meets the necessary safety standards for use in North America.

What is the weight of the Brightown RC-021 Plug-in Timer Switch?

The Brightown RC-021 Plug-in Timer Switch weighs 10.2 ounces, making it a lightweight and portable option for various indoor applications.

How much power can the Brightown RC-021 Plug-in Timer Switch handle?

The Brightown RC-021 Plug-in Timer Switch can handle devices up to the maximum rated load for typical residential applications, supporting multiple devices via its 3 grounded outlets.

References

- [User Manual](#)

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