



PRODUCT # BNC-60/U204R

1-OUTLET LIGHT SENSING COUNTDOWN TIMER WITH REMOTE CONTROL



Please keep this manual

ENERGY
SAVING

FEATURES

- 7 Modes: On, On from Dusk to Dawn, On at dusk and remain on for 2, 4, 6 or 8 hours, Off.

INSTALLATION INSTRUCTIONS

1. Install unit to a flat surface.
Using a screw or hook (not included), secure the mounting tab at the top of the timer to a wall or post.



Fig.1

2. Plug the unit to an electrical outlet.
Use an outdoor-rated 3-pronged grounded electrical outlet. Do not use extension cords to connect the timer to the power source.



Fig.2

3. Set the desired operating mode.
Rotate the dial either clockwise or counter-clockwise to align the white arrow with mode.



Fig.3

OPERATING MODES

OFF - Power is OFF to attached devices

ON - Power is ON to attached devices

Photocell Control - Power will turn on at dusk and remain on until dawn

2 Hrs - Power will turn on at dusk and remain on for 2 hours

4 Hrs - Power will turn on at dusk and remain on for 4 hours

6 Hrs - Power will turn on at dusk and remain on for 6 hours

8 Hrs - Power will turn on at dusk and remain on for 8 hours

4. Attach a device to unit.
Plug the device into the outlet on the bottom of the timer.



Fig.4

USING THE REMOTE CONTROL

You can temporarily turn on or off the device attached to the timer by pressing the ON or OFF button on the remote control handset.

- a. When the dial is in OFF position.
Press ON to turn on the device;
Press OFF to turn off the device.
- b. When the dial is in ON position.
Press OFF to turn off the device;
Press ON to turn on the device.



Fig.5

- c. When the dial is in Photocell Control position.
Press ON to turn on the device. The device will turn off at dawn and turn on at dusk.
Press OFF to turn off the device. The device will turn on at dusk the next day.

- d. When the dial is in 2H/4H/6H/8H.
 1. The program is running: press OFF to turn off the device. The device will turn on at the next dusk.
 2. The program is not running: press ON and the device will be on for 2/4/6/8 hours. The device will turn on at the next dusk.

PAIRING

1. Press and hold both ON and OFF buttons on the remote control handset.
2. Plug the timer into an electrical outlet.
3. Keep holding both buttons on the remote control handset.
4. The power output indicator on the timer will flash for about 2 seconds and then go off.
5. The pairing is now successful.

HELPFUL TIPS

- This unit is weather-resistant and rated for outdoor use. This timer operates using a light-sensitive photocell that senses when the environment is getting dark (dusk) or light (dawn).
- Once programming activates at dusk in the 2hr, 4hr, 6hr or 8hr mode, the program cycle will complete before the timer resets.
- When set to ON, the unit will provide continual power to attached device until the timer is switched to OFF, or to any of the other operating modes.
- The POWER indicator will glow red when the timer programming is activated and power is being provided to attached device.

TROUBLESHOOTING

● **PROBLEM:**

Devices do not turn on at dusk.

○ **POSSIBLE CAUSE:**

Timer is located in an area with too much ambient light for the photocell to sense darkness.

○ **CORRECTIVE ACTION:**

Move the timer to another location where there is no ambient light.

● **PROBLEM:**

Devices do not turn on when the timer is in the "ON" position.

○ **POSSIBLE CAUSE:**

Connected devices are not in the "ON" position or are not functioning. Light bulbs need to be replaced.

○ **CORRECTIVE ACTION:**

Ensure the connected devices are functional by plugging them directly into the outlet. Be sure the connected devices are in the "ON" position if they have their own switch. Make sure the outlet the timer is plugged into is active - the LED should light up when plugged into an outlet and in the "ON" position. Check the bulbs and replace if necessary.

● **PROBLEM:**

Lights are flashing (turning on and off).

○ **POSSIBLE CAUSE:**

Timer is in Dusk-to-Dawn mode and light from connected appliance is affecting the photocell.

○ **CORRECTIVE ACTION:**

Move the lights away from the timer, or reposition the timer so it does not face the lights directly.

● **PROBLEM:**

Power indicator light is not on.

○ **POSSIBLE CAUSE:**

Timer is not fully plugged into the outlet. Circuit breaker connected to the outlet has tripped.

○ **CORRECTIVE ACTION:**

Make sure the timer is fully plugged into the outlet.

Check the circuit breaker connected to the outlet and reset it if needed.

● **PROBLEM:**

The timer is not turning off after 2/4/6/8 HR mode

Please follow these instructions to troubleshoot the issue:

1. Please plug the timer into the wall.
2. Place a piece of BLACK electrical tape over the white photocell sensor on the front of the unit
3. Place the unit on a 2-hour function (Within 18 seconds of darkness your unit should activate).
4. Come back to the timer in 2 hours and confirm if your appliance is off.
5. If it is off, please place your timer in a dark location as ambient lighting (car lights, window lights, etc) may be affecting the sensor.

SAFETY INFORMATION & SPECIFICATIONS

FOR USE OUTDOORS AND MUST BE PLUGGED INTO A GFCI (GROUND FAULT CIRCUIT INTERRUPTER).

This is a "GROUNDED" device. The male plug contains a ground pin and is only intended for use with a three-pronged grounded outlet.

This device is for use with a 125 VAC power source.



Electrical Ratings:

125VAC/60Hz

10A 1250W Tungsten

15A 1875W Resistive

1/2HP



WARNING: CHOKING HAZARD - Small Parts.

Not for children under 3 years.



Works with CFL, LED
& Incandescent light sources

WARNING

Risk of Electric Shock

- Keep children away
- Unplug timer before cleaning
- Fully insert plug
- Do not use near standing water.

Risk of Fire

- Do not use to control appliances that contain heating elements (cooking appliances, heaters, irons, etc.)
- Do not exceed electrical ratings.

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