

User Manual

Wireless Remote Control Transmitter: BH18C

Wireless Remote Control Outlets With Timer & Light Sensor: BHC1804-RF-TL

Product:

Outdoor Photoelectric Timer with Remote Control, 3-Outlet. Control outdoor lights and animated holiday decorations with a push of a button from inside our home. Automatically on at dusk and off at dawn or programmable on at dusk and off 2, 4, 6, or 8 hours later. Remote control manually overrides the timer, turns lights on or off from a distance up to 100 feet away - with 3 grounded outlets. Compatible with CFL, LED & incandescent lighting.

Installation:

- Install one (1) 12V(23A) battery in the remote's battery compartment, making sure the polarity of the battery is correct.
- Plug the outdoor outlet into a wall mounted power socket and plug 1-3 lights into the 3 outlets individually. Make sure the outdoor outlet is mounted in a vertical position.

Features:

- Self-Learning/Programmable: Any one outdoor outlet receiver and one remote control transmitter can be paired to use freely and sold separately. Extra outdoor outlet receivers and transmitters can be purchased separately according to future demand.
- Light sensor & countdown timer: control your outdoor devices according to the schedule you set - on, off, dusk to dawn, on at dusk and off after 2, 4, 6 or 8 hours; repeat schedule daily
- Remote control: turn on and off outdoor christmas /holiday/yard lights, lamps, pool pump, fountain from your room with the wireless remote, no need to go out in bad weather
- 100ft RF range: strong RF signal can work through walls and doors to control outdoor lights and other electrical appliances as far as 100ft in line of sight, which is suitable for persons with limited mobility, the elderly
- Waterproof for outdoor use: Watertight construction provides protecting outlets timer form weather conditions. Heavy duty material and three grounded outlet makes it safe and durable.
- The outdoor outlet receiver can be manually operated or via the handy remote control.
- The battery cover on transmitter is fixed by one screw to prevent battery falling off after shock impact.
- The remote transmitter with one key chain so that can be taken along or hang on other places.
- Safe and Convenience: No programming or tools required; 12V /23A battery for remote transmitter included; simply plug in ad use; Rated at 120 Volts, 15A/1800W Resistive, 10A/1000W Tungsten and 1/3HP
- Save Energy and Money by automating outdoor landscape lighting, security systems, or holiday lights with 3 outlets outdoor timer
- The outdoor outlet receiver will remain "OFF" after a power cut, save energy and make sure safety.

Technical data:

Working voltage: 125V~/60Hz

Max rating: 15A, 1875W (resistive load) / 10A/1250W (Tungsten) / TV-5 1/3HP

Remote battery: DC 12V (23A) 1pc included

Power cord: About 5.6inch

Remote control distance: 100ft (open area)

Transmission frequency: 433.92MHz

Detailed Operation instructions:

A. Receiver & Transmitter Operation modes:

ON: Power is ON to attached devices

Dusk to Dawn (Sensor): Power will turn on at dusk and remain on until dawn

2H: Power will turn on at dusk and remain on for 2 hours

4H: Power will turn on at dusk and remain on for 4 hours

6H: Power will turn on at dusk and remain on for 6 hours

8H: Power will turn on at dusk and remain on for 8 hours

OFF: Power is OFF to attached devices

B. The keys operation on outlet receiver:

First push the "Program(Power)" button, the power(ON/OFF) indicator will be ON;

Secondly push the "Program(Power)" button, the Dusk Dawn(sensor) indicator will be ON;

Thirdly push the "Program(Power)" button, the 2H indicator will be ON;

Fourth push the "Program(Power)" button, the 4H indicator will be ON;

Fifth push the "Program(Power)" button, the 6H indicator will be ON;

Sixth push the "Program(Power)" button, the 8H indicator will be ON;

Seventh push the "Program(Power)" button, all the indicator will be OFF;

The function indicators will starts cycling mode when you push the "Program(Power)" button again.

C. Re-Programming/Self-Learning Operation between the outlets and transmitters:

The outlets are pre-programmed for immediate use, but maybe there are few units are not pre-programmed or programmed incorrectly, or you want to change the pre-set configuration to meet your needs. Please follow the steps below:

- Resting an socket as per mentioned sections above firstly
- Long Press and hold the programming button until indicator light on outlet starts to blink
- Release the program button, press the "ON" or any button on the transmitter.
- Programming /paring is successful when indicator light stops blinking.

D. Resetting an Outlet (Cancel programming):

To remove an outlet from all transmitter parings:

- Unplug the device connected to the remote outlet
- Remove the outlet from the power socket.
- Press and hold the program button on outlet
- Plug outlet back into power socket while continuing to hold program button for approximately 5 seconds until the indicator begins to flash.
- Program reset is successful when the indicator on outlet flashes several times and stops blinking

Notes:

1. In case of power failure, the outlets will go back to the off state and need to be reset to the desired operating mode once power is restored.
2. In order to avoid the water into the outlets, The timer should be mounted in a vertical position with the outlets facing downward and at least 2 feet above the ground level. If you can make sure the water does not enter the outlets or use it indoor, please ignore the request.
3. Make sure the outlet is placed far from any artificial or reflected light source such as yard light, lawn lamp or other lights to avoid interference due to the photocell (light sensor) factor used on the outlet.
4. For testing unit during daytime, covering the photocell firmly with black tape to simulate the darkness.

At night, shining a flashlight at the photocell to simulate the dawn.

5. The outlet can be used for indoor or outdoor use .
6. The wireless range may be shortened by other electronic devices, appliances, walls, and other physical barriers.
7. Avoid exposing to high-temperature sources.
8. DO NOT exceed the maximum load current of 15A.
9. DO NOT dispose any part of this product in a fire.
10. For best performance, regular change the batteries in the remote control.
11. Discard all parts of this product in accordance with local environmental regulations. Do not dispose in regular household waste.
12. If the remote is not in use for an extended period of time, remove batteries.

Troubleshooting:

In the case that one outlet is unresponsive to a remote control, follow the steps below to resolve the issue:

- If the outlet is unresponsive to the remote control, please refer to the “Resetting an socket” and “Re-programming” operation sections in the manual.
- Replace the remote batteries with new 12V (23A) batteries. Low battery power may decrease readable wireless remote range.
- Make sure the outlet and device are properly connected and powered on.
- Make sure that the outlet is placed in an area with proper air circulation without overheating.
- Make sure the maximum load current of 15A is not being exceed. If so, unplug the device from the outlet immediately.
- “Resetting an outlet” is always prior to “Re-programming operation” when you want to make some changes.

Should you have any issues or questions regarding your new product, feel free to contact our Customer Support Team. Your satisfaction is ours.

FCC Waring:

Any Changes or modifications not expressly approved by the party responsible for compliance could avoid the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.