Westek MLC4BC

Westek MLC4BC Indoor Plug-in Motion Activated Light Control User Manual

This manual provides detailed instructions for the Westek MLC4BC Indoor Plug-in Motion Activated Light Control, designed to automatically activate lighting or appliances upon motion detection.

Product Overview

The Westek MLC4BC is an indoor plug-in motion-activated light control designed to automate the operation of connected devices. It detects motion within its specified range and angle, activating the connected appliance for a user-selectable duration. This device is suitable for various indoor applications, enhancing convenience and energy efficiency.

Key Features

- **Automatic Activation:** Turns on connected lights, radios, or other appliances when motion is detected.
- **Adjustable Timer:** Selectable auto-off times of 4 seconds, 1, 2, 5, 10, or 20 minutes.
- **Wide Detection Zone:** Detects motion within a 100-degree radius and up to 25 feet away.
- **Day or Night Detection:** Operates effectively in various lighting conditions.
- **Broad Compatibility:** Works with incandescent, CFL, and LED bulbs.
- **Easy Installation:** Simple plug-in design for quick setup.

Product Image



Front view of the Westek MLC4BC Indoor Plug-in Motion Activated Light Control, showing the motion sensor window and the grounded outlet.

Setup and Installation

Follow these steps to properly set up your Westek MLC4BC Motion Activated Light Control:

1. **Select Off-Time:** Before plugging in, locate the small dial on the rear of the unit. Use a small screwdriver or similar tool to rotate the dial and select the desired auto-off time: 4 seconds (4S), 1 minute (1M), 2 minutes (2M), 5 minutes (5M), 10 minutes (10M), or 20 minutes (20M).
2. **Plug into Outlet:** Insert the motion-activated light control into a standard 120V 60Hz wall outlet. Ensure it is

securely plugged in.

3. **Connect Appliance:** Plug the cord of your lamp, radio, or other desired appliance into the grounded receptacle on the front of the motion control unit.
4. **Power On:** Turn on the power to your connected appliance. After a few seconds, the light will turn on when motion is detected. The light will turn off at the selected time after motion ceases in the detection area.

Timer Setting Diagram



Rear view of the Westek MLC4BC, highlighting the dial for setting the auto-off timer.

Installation and Feature Demonstration Video

Your browser does not support the video tag.

This video demonstrates the setup process and functionality of the Westek MLC4BC motion sensor, including how to adjust the timer settings and its response to motion.

Operating Instructions

The Westek MLC4BC operates by detecting movement within its field of view. Once motion is detected, it activates the connected appliance. The duration for which the appliance remains active is determined by the timer setting you selected during setup.

- **Motion Detection:** The sensor utilizes passive infrared (PIR) technology to detect changes in heat signatures caused by movement. It has a 100-degree detection zone and can sense motion up to 25 feet away.
- **Automatic Shut-off:** After motion is no longer detected, the connected appliance will remain on for the duration set on the timer dial (4 seconds, 1, 2, 5, 10, or 20 minutes) before automatically turning off.
- **Continuous Operation:** If continuous motion is detected within the sensor's range, the appliance will remain on until motion ceases and the timer counts down.

Maintenance

To ensure optimal performance and longevity of your Westek MLC4BC, follow these simple maintenance guidelines:

- **Cleaning:** Periodically wipe the exterior of the unit, especially the motion sensor lens, with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the unit.
- **Placement:** Ensure the unit is not obstructed by furniture, curtains, or other objects that could block the motion sensor's field of view. Avoid placing it near heat sources or in direct sunlight, which can interfere with its detection capabilities.
- **Power:** Always unplug the unit from the wall outlet before performing any cleaning or maintenance.

Troubleshooting

If you encounter issues with your Westek MLC4BC, refer to the following troubleshooting tips:

- **Appliance does not turn on:**
  - Ensure the unit is securely plugged into a live outlet.
  - Verify that the connected appliance is properly plugged into the motion control unit and is switched on (if applicable).
  - Check if the motion sensor's path is clear of obstructions.
  - Test the connected appliance by plugging it directly into a wall outlet to confirm it is functional.
- **Appliance turns off too quickly or stays on too long:**
  - Adjust the timer setting on the rear of the unit to your desired duration (4S, 1M, 2M, 5M, 10M, 20M).
  - Ensure there is no continuous motion within the detection zone if the light is staying on longer than expected.
- **Inconsistent motion detection:**
  - Relocate the unit to a position where its detection zone is optimized for the area you wish to monitor.
  - Avoid placing the unit near air vents, windows, or other sources of rapid temperature changes, which can cause false triggers.
  - Clean the motion sensor lens to remove any dust or debris.

Specifications

Specification	Detail
Model Number	MLC4BC
Power Source	Plug-in Electric
Voltage	120V~, 60Hz
General Purpose Load	10A, 1200W
Tungsten Load	1000W
Motion Detection Range	Up to 25 feet
Motion Detection Angle	100 degrees
Adjustable Off-Times	4 seconds, 1, 2, 5, 10, 20 minutes
Compatible Bulb Types	Incandescent, CFL, LED
Product Dimensions	2"D x 3.25"W x 4.6"H
Item Weight	1.6 ounces

Warranty Information

AmerTac provides a one-year limited express warranty for this product under normal use and conditions. The full terms and conditions of the warranty are set forth in the Limited Warranty statement available on the AmerTac website. This warranty covers defects in materials and workmanship from the original purchase date.

For detailed warranty information and to register your product, please visit the official AmerTac website or refer to the documentation included with your purchase.

Customer Support

For further assistance, technical support, or inquiries regarding your Westek MLC4BC Indoor Plug-in Motion Activated Light Control, please contact AmerTac customer service. Refer to the product packaging or the official AmerTac website for the most current contact information.

You may also find helpful resources and frequently asked questions on the Westek brand store page on Amazon. Visit the Westek Store

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Example: How do I reset this device or fix this error?

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