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Westek MLC12BC-4

Westek MLC12BC-4 Indoor Plug-in Corded Motion Activated Light Control User Manual

Model: MLC12BC-4

Brand: Westek

1. PRODUCT OVERVIEW

The Westek MLC12BC-4 is an indoor plug-in motion-activated light control designed to automate lighting and small appliances. It detects motion within its range and activates connected devices, turning them off after a user-defined delay. This device enhances convenience and can contribute to energy savings by ensuring devices are only active when needed.



Image 1: The Westek MLC12BC-4 unit, showing the motion sensor and the plug-in power block connected by a cord.

Key Features:

- Motion Activation: Automatically turns on connected devices when motion is detected.
- Adjustable Off-Time: Programmable to turn off after 1, 2, 5, 10, or 20 minutes of no detected motion.
- Wide Detection Zone: 100-degree detection zone, sensing motion up to 25 feet away.
- Flexible Placement: Can be wall-mounted or placed on a flat surface using the included weighted base.
- Easy Installation: Simple plug-in design requires no tools or wiring.



Image 2: Illustration of the motion sensor's 100-degree, 25-foot detection range in a room setting.

2. SETUP INSTRUCTIONS

Follow these steps to set up your Westek MLC12BC-4 motion-activated light control:

- 1. Unpack the Device: Carefully remove the motion control unit and its components from the packaging.
- 2. **Set the Desired Off-Time:** Before plugging in, locate the timer dial on the back of the plug-in power block. Use a small screwdriver or a similar tool to select the desired duration (1, 2, 5, 10, or 20 minutes) for the connected device to remain on after motion ceases.
- 3. **Plug into Wall Outlet:** Insert the plug-in power block into a standard 120V AC wall outlet. An activation indicator light on the power block will illuminate.
- 4. **Connect Your Device:** Plug the lamp or appliance you wish to control into the outlet on the power block. Ensure the device is switched to the 'ON' position if it has its own power switch.
- 5. **Position the Motion Sensor:** The motion sensor is connected to the power block by a 6-foot cord, allowing for flexible placement.
 - Tabletop Placement: Place the sensor in the included weighted base and position it on a table, counter, or any flat surface where it can best detect motion in the desired area.
 - Wall Mounting: The sensor unit can also be mounted to a wall using appropriate screws (not included)

through the designated holes on its back.

6. **Initial Calibration:** Upon initial power-up, the unit may cycle on and off briefly. This is a normal calibration process for the sensor. Allow a few moments for it to stabilize.



Plug into wall socket and select the desired 'off' time, no tools or wiring is required.

Select desired 'off' time on the back of the device. 120V, 1200 W general purpose, 1000W Tungsten.

Works with other electrical appliances, such as radios



Image 3: Visual guide for the two main installation steps: plugging the unit into an outlet and setting the off-time on the back of the device.

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Video 1: A demonstration of how the Westek Motion Sensor for Lights works, including plugging it in and setting the timer.

3. OPERATING INSTRUCTIONS

Once set up, the Westek MLC12BC-4 operates automatically:

- Motion Detection: The sensor continuously monitors its detection zone for movement.
- Device Activation: When motion is detected, the connected light or appliance will turn on.
- **Timer Function:** The device will remain on as long as motion is continuously detected. After motion ceases, the timer will begin counting down. The device will turn off once the pre-set time (1, 2, 5, 10, or 20 minutes) has elapsed without further motion.
- Resetting the Timer: Any new motion detected during the countdown period will reset the timer, keeping the device on for the full duration of the selected off-time.



Image 4: Overview of customizable off-times and benefits of the motion control unit.

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Video 2: A detailed overview of the Westek Plug-In Motion Sensor Light Control, demonstrating its features and functionality.

4. MAINTENANCE

The Westek MLC12BC-4 requires minimal maintenance:

- Cleaning: Periodically wipe the sensor lens and the unit with a soft, dry cloth to remove dust or debris that may obstruct motion detection. Do not use liquid cleaners or abrasive materials.
- **Inspection:** Regularly check the cord and plug for any signs of damage. If damage is observed, discontinue use and replace the unit.

5. TROUBLESHOOTING

If you encounter issues with your Westek MLC12BC-4, refer to the following troubleshooting tips:

• Device Not Turning On:

- Ensure the power block is securely plugged into a live wall outlet.
- Verify that the connected lamp or appliance is properly plugged into the power block and its own power switch is in the 'ON' position.
- Check if the sensor is obstructed or positioned correctly to detect motion in the desired area.
- Confirm that the power outlet is functional by testing it with another device.

• Device Not Turning Off:

• Ensure there is no continuous motion within the sensor's detection zone.

- Check the timer setting on the back of the power block to ensure it is set to the desired off-time.
- Verify that the sensor lens is clean and free from obstructions that might cause false motion detection.

• Intermittent Operation:

- The sensor may be detecting motion from an unintended source (e.g., pets, drafts, objects moving in the wind outside a window). Adjust the sensor's position or angle.
- Ensure the sensor is not placed near heat sources or air vents, which can interfere with its operation.

6. SPECIFICATIONS

Feature	Specification
Model Number	MLC12BC-4
Brand	Westek
Color	White
Power Source	Plug-in Electric
Item Weight	8 ounces
Maximum Detection Range	25 Feet
Detection Zone	100 degrees
Mounting Type	Wall Mount / Tabletop
Compatible Devices	Light, Radio, other small appliances
Product Dimensions	5"D x 2"W x 10"H
Operating Temperature	68 Degrees Fahrenheit
Cord Length	6 feet
Electrical Rating	120V 60Hz, 10A General Purpose, 240W Tungsten
Certifications	ETL Listed Intertek 3154847

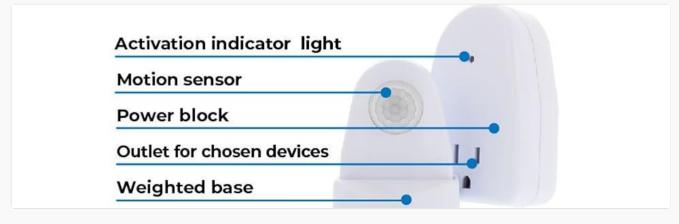


Image 5: Detailed dimensions of the motion detector, power block, weighted base, and the 6-foot cord.

SUPER EASY TO INSTALL

Plug into wall socket and select the desired 'off' time, no tools or wiring is required.

Select desired 'off' time on the back of the device. 120V, 1200 W general purpose, 1000W Tungsten.

Works with other electrical appliances, such as radios



Image 6: Labeled diagram of the Westek MLC12BC-4 components for easy identification.

7. WARRANTY INFORMATION

This Westek MLC12BC-4 Motion Activated Light Control comes with a **1-year limited warranty**. Please retain your proof of purchase for any warranty claims. For specific details regarding warranty coverage and procedures, refer to the documentation included with your product or contact Westek customer support.

8. Customer Support

For further assistance, technical support, or to inquire about warranty services, please visit the official Westek website or refer to the contact information provided in your product packaging. Always ensure you have your model number (MLC12BC-4) and proof of purchase ready when contacting support.

Image 7: Examples of where the Westek motion control can be used for energy-efficient lighting in different rooms of a home.

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