Gewiss GW10592 (Chorus)

Gewiss GW10592 Infrared Motion Detector

USER MANUAL

Model: GW10592 (Chorus)

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of the Gewiss GW10592 Infrared Motion Detector. This device is designed to detect movement within its specified range and can be integrated into various security or automation systems. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

WARNING: Risk of Electric Shock!

Installation and wiring of this device must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure the main power supply is disconnected before commencing any installation or maintenance work.

- Do not expose the device to moisture or extreme temperatures.
- Do not attempt to open or repair the device yourself. Refer all servicing to qualified personnel.
- Ensure proper grounding where required.

3. PACKAGE CONTENTS

Please check the package for the following items:

- Gewiss GW10592 Infrared Motion Detector Unit
- User Manual (this document)
- Mounting Screws and Wall Plugs (may vary by package)

4. PRODUCT OVERVIEW AND FEATURES

The Gewiss GW10592 is a compact infrared motion detector designed for indoor use. It features a passive infrared (PIR) sensor that detects changes in infrared radiation caused by moving objects, such as people. The device is suitable for integration into lighting control systems, alarm systems, or other automation applications.

Figure 1: Front view of the Gewiss GW10592 Infrared Motion Detector. The device has a white square casing with a prominent dark grey circular sensor lens in the center. Above the lens, two small dark grey adjustment knobs are visible, labeled "LUX" and "TIME" respectively, indicating controls for light sensitivity and detection duration.

Key Features:

- Infrared (PIR) motion detection
- Wired power supply (230V)
- Compact design for discreet installation
- Adjustable LUX (light sensitivity) and TIME (detection duration) settings
- Maximum detection range of 2 meters

5. SETUP AND INSTALLATION

Before installation, ensure the power supply to the circuit is completely turned off at the main breaker. This device is designed for flush-mounted installation within a standard electrical box.

5.1 Wiring Diagram

Refer to the wiring diagram provided on the device itself or within the packaging for correct connection. Typically, the device will require Live (L), Neutral (N), and a Switched Live (L') output to control the connected load (e.g., light fixture).

- Connect the Live wire from the power supply to the 'L' terminal.
- Connect the Neutral wire from the power supply to the 'N' terminal.
- Connect the Live wire of the load (e.g., light) to the 'L" terminal.
- Ensure all connections are secure and insulated.

Note: Incorrect wiring can damage the device or cause electrical hazards. If you are unsure, consult a qualified electrician.

5.2 Mounting

1. Prepare the electrical box in the desired installation location.
2. Carefully insert the wired motion detector into the electrical box.

3. Secure the device using the provided mounting screws.
4. Attach the faceplate (if separate) to complete the installation.

Choose a mounting location that provides an unobstructed view of the area to be monitored and is free from direct heat sources or air currents that could cause false triggers.

6. OPERATING INSTRUCTIONS

Once installed and powered on, the Gewiss GW10592 motion detector will begin its operation. The device features two adjustable knobs for fine-tuning its performance:

- **LUX (Light Sensitivity):** This knob controls the ambient light level at which the detector becomes active.
    - Turn towards the **sun icon** for the detector to operate during both day and night (high light sensitivity).
    - Turn towards the **moon icon** for the detector to operate only in low light conditions or darkness (low light sensitivity).
- **TIME (Detection Duration):** This knob sets the duration for which the connected load (e.g., light) remains active after motion is detected and no further motion is sensed.
    - Turn towards the **minus (-)** symbol for a shorter duration.
    - Turn towards the **plus (+)** symbol for a longer duration.

After adjusting the settings, allow a brief stabilization period (typically 30-60 seconds) for the detector to calibrate.

7. MAINTENANCE

The Gewiss GW10592 motion detector requires minimal maintenance. Follow these guidelines:

- **Cleaning:** Gently wipe the sensor lens and casing with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the device.
- **Inspection:** Periodically check for any visible damage to the casing or wiring. If damage is observed, disconnect power and consult a qualified electrician.
- There are no user-serviceable parts inside this device.

8. TROUBLESHOOTING

If you experience issues with your Gewiss GW10592 motion detector, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Device not detecting motion.	No power; incorrect wiring; sensor obstructed; incorrect LUX setting.	Check power supply and wiring. Ensure sensor lens is clean and unobstructed. Adjust LUX setting to operate in current light conditions.
Connected load (e.g., light) stays on constantly.	Continuous motion in detection area; faulty wiring; internal fault.	Ensure no constant motion. Check wiring for short circuits. If problem persists, consult a qualified electrician.

Problem	Possible Cause	Solution
Connected load turns on/off too frequently (false triggers).	Heat sources (HVAC vents, direct sunlight); pets; incorrect sensitivity.	Relocate device away from heat sources. Adjust TIME setting. Ensure pets are not triggering the sensor.
Connected load does not turn off.	TIME setting too long; continuous motion; faulty relay.	Adjust TIME setting to a shorter duration. Ensure no continuous motion. If problem persists, consult a qualified electrician.

For issues not listed above, or if troubleshooting steps do not resolve the problem, please contact Gewiss customer support or a qualified electrician.

9. SPECIFICATIONS

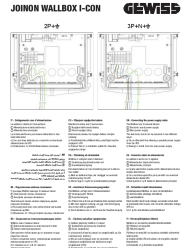| Attribute	Value
Manufacturer	Gewiss
Model Number	GW10592 (Chorus)
Detection Technology	Infrared (PIR)
Power Source	Wired
Voltage	230 Volts
Maximum Range	2 Meters
Color	White (with Black/Dark Grey sensor)
Item Weight	80 g
Packaging Dimensions	6.86 x 5.33 x 5.08 cm

10. WARRANTY AND SUPPORT

For information regarding warranty coverage, technical support, or spare parts, please contact Gewiss customer service directly. Retain your proof of purchase for warranty claims.
You can typically find contact information on the official Gewiss website or on the product packaging.

Related Documents - GW10592 (Chorus)

[Joinon Wallbox I-Con Basic Quick Installation Guide](#)
A concise guide for the quick installation of the Joinon Wallbox I-Con Basic electric vehicle charging station by Gewiss.

	[GEWISS GWA9181 KNX Secure 4-channel Contacts Interface Technical Manual](#) Detailed technical manual for the GEWISS GWA9181 KNX Secure 4-channel contacts interface, covering installation, configuration, parameters, and communication objects for smart home and building automation systems.
	[JOINON WALLBOX I-CON BASIC Quick Installation Guide](#) This document provides a quick installation guide for the JOINON WALLBOX I-CON BASIC electric vehicle charging station by GEWISS. It details the steps for mounting the unit, connecting the power supply, and ensuring proper installation.
	[Gewiss ChorusSmart Connected Axial 2-Command Module Installation and Operation Guide](#) This document provides detailed information on the Gewiss ChorusSmart Connected Axial 2-Command Module, including installation, functions, technical data, and troubleshooting. It supports ZigBee communication for smart home automation.
	[GEWISS JOINON WALLBOX I-CON BASIC Quick Installation Guide](#) Step-by-step installation guide for the GEWISS JOINON WALLBOX I-CON BASIC electric vehicle charging station, detailing mounting and electrical connection procedures.
	[GEWISS JOINON WALLBOX I-CON Power Supply Connection Guide](#) Instructions for connecting the power supply to the GEWISS JOINON WALLBOX I-CON electric vehicle charging station, detailing wiring for 2P+ and 3P+N configurations.