

Gira 537466

Gira Motion Sensor Attachment 537466

USER MANUAL

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Gira Motion Sensor Attachment 537466. Designed for reliable movement detection, this sensor is suitable for both commercial and personal use, enhancing security and convenience in various environments.

Key features of the Gira Motion Sensor Attachment 537466 include:

- Reliable movement detection for enhanced security.
- Easy to integrate into existing electrical systems.
- Durable construction from a quality manufacturer.



Figure 1: Front view of the Gira Motion Sensor Attachment 537466. This image displays the sensor's compact design and the primary detection area, highlighting its white finish suitable for various interior decors.

2. Setup and Installation

The Gira Motion Sensor Attachment 537466 is designed for wall mounting and requires a corded electric power source. Professional installation by a qualified electrician is recommended to ensure safety and proper functionality.

2.1 Safety Precautions

- Always disconnect power at the main circuit breaker before beginning any installation work.
- Ensure all wiring complies with local electrical codes and regulations.
- Do not install in locations with excessive moisture or extreme temperatures.

2.2 Mounting Instructions

1. Choose a suitable wall location that provides an unobstructed view of the area to be monitored. Consider the sensor's maximum range of 10 meters.
2. Mark the drilling points on the wall using the sensor's mounting plate as a template.
3. Drill holes and insert appropriate wall plugs if necessary.
4. Secure the mounting plate to the wall using screws.

2.3 Wiring Instructions

1. Connect the electrical wires to the sensor terminals according to the wiring diagram provided with the product packaging (not shown here). Ensure correct polarity and secure connections.

2. Carefully place the sensor unit onto the mounted plate, ensuring all wires are tucked away safely.
3. Secure the sensor to the mounting plate, typically by snapping it into place or tightening small screws.
4. Restore power at the main circuit breaker.



Figure 2: Detailed view of the Gira Motion Sensor Attachment 537466. This image provides a closer look at the sensor's internal optics and detection elements, visible through its protective cover, indicating its sophisticated design for accurate motion sensing.

3. Operating the Motion Sensor

Once properly installed and powered, the Gira Motion Sensor Attachment 537466 will automatically begin detecting movement within its specified range. The sensor is designed for continuous operation.

3.1 Detection Area

The sensor has a maximum detection range of 10 meters. The detection pattern is typically conical or fan-shaped, covering a wide area in front of the sensor. Avoid placing large obstructions directly in front of the sensor that could block its field of view.

3.2 Sensitivity and Time Settings (if applicable)

Depending on the specific model variant, the sensor may feature adjustable sensitivity and time delay settings. Refer to the detailed product documentation or the markings on the device itself for instructions on how to adjust these parameters, if available. These settings typically control how easily the sensor triggers and for how long it remains active after detecting motion.

4. Maintenance

The Gira Motion Sensor Attachment 537466 requires minimal maintenance to ensure optimal performance.

4.1 Cleaning

- Periodically wipe the sensor lens and casing with a soft, dry, or slightly damp cloth.

- Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the sensor.
- Ensure the sensor is clean and free from dust or debris that could obstruct its detection capabilities.

4.2 Inspection

- Occasionally inspect the sensor for any visible damage or loose connections.
- If any damage is observed, disconnect power and contact a qualified technician for repair or replacement.

5. Troubleshooting

If you experience issues with your Gira Motion Sensor Attachment 537466, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Sensor not detecting movement.	No power. Obstruction in detection path. Incorrect wiring. Sensor lens is dirty.	Check circuit breaker and power connections. Remove any objects blocking the sensor's view. Verify wiring against the product's wiring diagram (consult an electrician). Clean the sensor lens.
Sensor triggers too frequently or not at all.	Sensitivity setting too high/low. Environmental factors (e.g., drafts, heat sources).	Adjust sensitivity settings if available (refer to product documentation). Relocate sensor away from heat vents, direct sunlight, or areas with frequent air movement.
Sensor light (if applicable) stays on constantly.	Continuous movement in detection area. Faulty sensor.	Ensure no constant movement is present. If problem persists, contact customer support.

If these steps do not resolve the issue, please contact Gira customer support or a qualified electrician.

6. Specifications

Below are the technical specifications for the Gira Motion Sensor Attachment 537466:

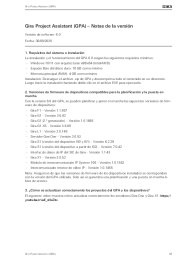
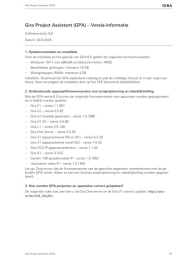
Attribute	Detail
Brand	Gira
Model Number	537466
Manufacturer	GIRA Giersiepen GmbH & Co. KG
Product Dimensions	50 x 50 x 28 cm
Item Weight	110 g (0.11 Kilograms)
Colour	White
Power Source	Corded Electric
Item Package Quantity	1

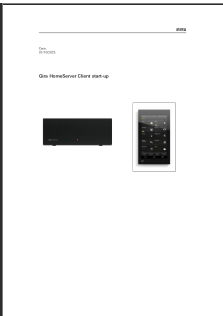
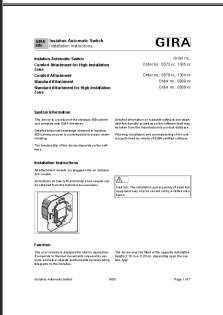
Plug Profile	Wandmontage (Wall Mounting)
Usage	Commercial and personal use
Batteries Included?	No
Batteries Required?	No
Maximum Range	10 Metres
Date First Available	16 Sept. 2018

© 2024 Gira. All rights reserved.

For further assistance, please visit the official Gira website or contact customer support.

Related Documents - 537466

	Gira Project Assistant (GPA) v6.0 Release Notes Detailed release notes for Gira Project Assistant (GPA) version 6.0, covering system requirements, installation, compatible firmware, new features, optimizations, bug fixes, and known issues for Gira smart home and building automation systems.
	Gira Smart Home: Comfort, Veiligheid en Energiebesparing Ontdek de Gira Smart Home-oplossingen voor een comfortabel, veilig en energiezuinig huis. Ervaar intelligente technologie en tijdloos design van Gira, gebaseerd op de KNX-standaard.
	Gira Project Assistant (GPA) 6.0: Nieuwe Functies en Updates Ontdek de nieuwste versie van Gira Project Assistant (GPA) 6.0. Leer over systeemvereisten, ondersteunde apparaten, nieuwe functies, optimalisaties en belangrijke updates voor uw Gira smart home projecten.

	Gira HomeServer Client Start-up Guide for Gira G1 (2nd Gen) Step-by-step instructions for setting up and configuring the Gira G1 (2nd generation) client with Gira HomeServer using GPA and QuadConfig. Covers standard and room operating device modes.
	GIRA Instabus Automatic Switch Installation Instructions Detailed installation instructions for the GIRA Instabus Automatic Switch, covering system information, mounting, function, detection fields, adaptation, manual controls, function tests, and specifications for various attachment models.
	Gira G1 (2. Generation) Inbetriebnahme und Konfiguration Gira HomeServer Client Anleitung Umfassende Anleitung zur Inbetriebnahme und Konfiguration des Gira G1 (2. Generation) als Client für das Gira HomeServer System. Schritt-für-Schritt-Anweisungen für Installation und Einrichtung.

Documents - Gira – 537466

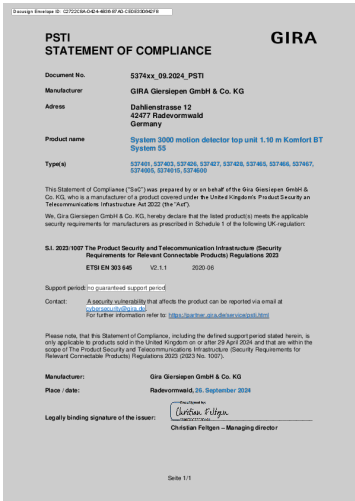


[pdf]

Created by ac PIM C Kuhn advanced concepts GmbH Produktdatenblatt Bewegungsmelderaufsatz reinweiß 537466 von Gira 8bfae059151246dca7ca73c43aed2b1e 625440 DE Datenblatt shop iism de media 6c 07 2d 1695498244 |||

System 3000 Bewegungsmelderaufsatz Montagehöhe bis 1,10 m Komfort-Aufsatz Reinwei Artikelnummer **537466** EAN 4010337049586 Copyright by Gira Giersiepen GmbH Co.KG Alle Rechte vorbehalten www.gira.de Merkmale: - Automatisches Schalten von Beleuchtung, abhängig von Wärmebewegung und Umgebungshell...

lang:de score:26 filesize: 258.9 K page_count: 2 document date: 2020-12-03



[pdf]

PSTI STATEMENT OF COMPLIANCE 26 set 2024 — This Statement of Compliance SoC was prepared by or on behalf the Gira Giersiepen GmbH Co KG who is a manufacturer product covered under 5374xx 09 partner gira de data3 |||

Docusign Envelope ID: C2722C8A-0424-4B36-87A0-CE0E330642F8 PSTI STATEMENT OF COMPLIANCE Document N ... otion detector top unit 1.10 m Komfort BT System 55 537401, 537403, 537426, 537427, 537428, 537465, **537466**, 537467, 5374005, 5374015, 5374600 This Statement of Compliance SoC was prepared by or o... lang:en **score:21** filesize: 250.86 K page_count: 1 document date: 2024-09-27



[pdf]

Gira Giersiepen GmbH Co KG Produktdatenblatt GIRA 537466 Bewegungsmelderaufsatz S3000 TX 44 1 10 m Komfort BT reinweiß online kaufen im Voltus Elektro Shop 5637185850 40 20250717 09 27 08 20031806 voltus de out media ||| Datenblatt katalog.gira.de Copyright by Gira Giersiepen GmbH Co. KG Alle Rechte vorbehalten w w w.partner.g i r a d e System 3000 Bewegungsmelderaufsatz 1,10 m Komfort BT TX_44 Spezifikation Reinwei Bestell-Nr. 5374 66 VE EUR/Stck o. MWSt. PS EAN 1 141,13 02 4010337049586 Anthrazit ... lang:de **score:16** filesize: 70.54 K page_count: 2 document date: 2025-06-12



[pdf]

Created by ac PIM C Kuhn advanced concepts GmbH 3285146 1 P PROD SPEC TeGiraMD22537466DEDatenblatt regio a bigcontent io v1 static ||| Lichtsteuerung System 3000 Bewegungsmelderaufsatz 1,10 m Komfort BT Artikelnummer **537466** EAN 4010337049586 Copyright by Gira Giersiepen GmbH Co.KG Alle Rechte vorbehalten www.gira.de Reinwei Merkmale: Hinweise: Lieferumfang: - Aufsteckblende zum Einschnrken des Erfassungsbereichs ist im Li... lang:de **score:15** filesize: 256.94 K page_count: 2 document date: 2021-11-18

Produktisicherheitsrückruf

9. Juli 2025