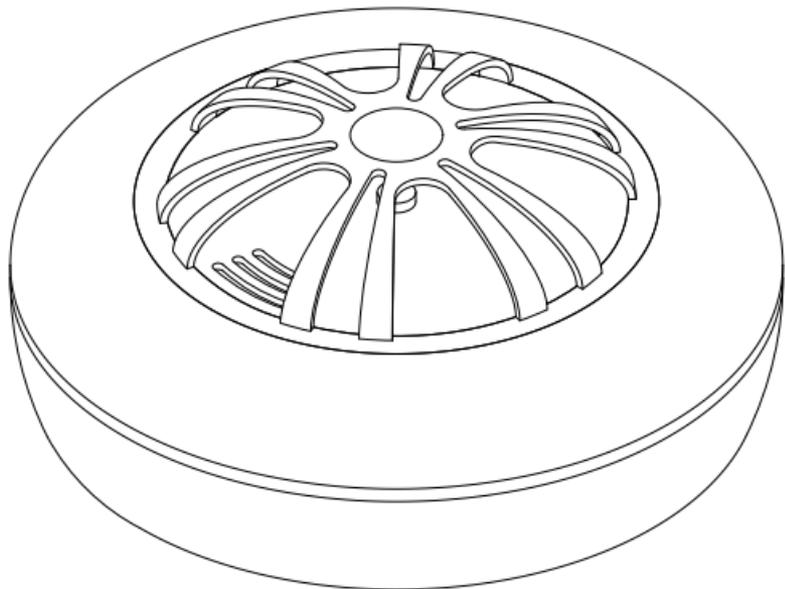


 **OLYMPIA**

Heat Detector TI 150



Operating Manual

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Intended Use

The TI 150 heat detector, subsequently referred to simply as the heat detector, serves for the detection of high temperatures indoors and to issue a loud acoustic signal if detected.

If triggered, the heat detector sends a radio signal which can be received by alarm systems in the Protect and ProHome series or other heat detectors. The alarm system and/or other heat detectors then also issue the actual alarm.

A condition for complying with the intended use is that the equipment is installed correctly and the information in the manual is observed and maintained.

Any other use is considered unintended use. Unauthorised modifications or reconstructions not described in the manual are not permitted and could cause the product to be damaged.

Package Contents

Please check the contents of the package carefully. If anything is missing or has been damaged during transport, DO NOT put the heat detector into operation!

1 heat detector, TI 150

Assembly material (screws, dowels)

2 batteries (alkaline, AAA, 1.5 V)

Operating manual

Safety Instructions

The following safety information applies to the entire document. Read and observe all the safety information to protect yourself and the environment from any harm.



Warning! NEVER complete any repairs to the heat detector yourself. Contact our Service department. The heat detector does not contain any parts which the user needs to repair or service.



Warning! Risk of suffocation! Children can swallow small parts, packaging and protective foils. Keep the heat detector and packaging out of reach of children.



Warning! Risk to health from batteries! Keep batteries out of reach of children. Do not swallow batteries. If any type of battery or round cell is swallowed, seek medical attention immediately.



Attention! Risk of property damage through the use of inappropriate batteries! The use of inappropriate batteries can cause a loss of function of the heat detector. Only use batteries of the type described in Section Technical Data.



Attention! Hearing damage through loud alarm signal! The alarm signal is loud and could cause hearing damage. Only use the product in the recommended installation locations. Do not test the heat detector close to your ears. Do not remain in the vicinity of the acoustic alarm for a longer period when it has been triggered.

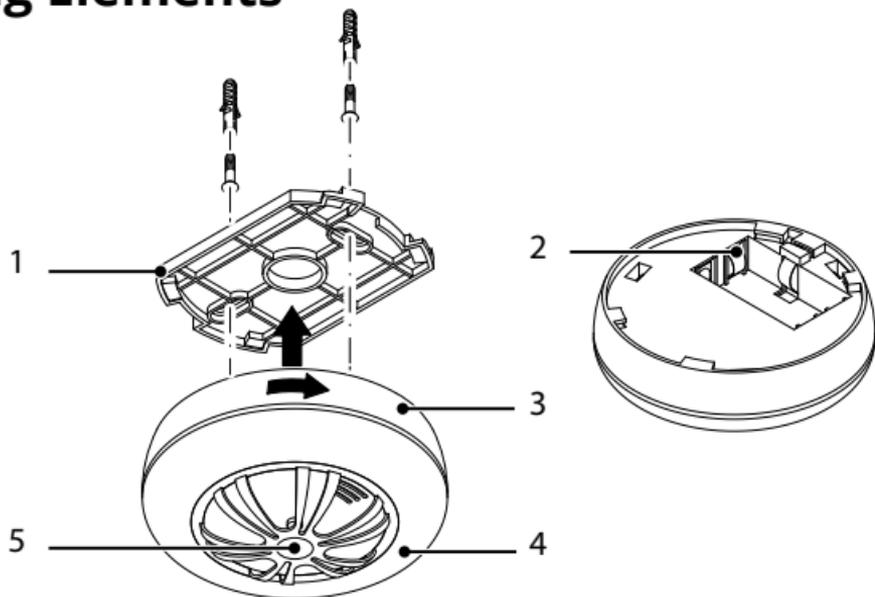


Attention! Risk of property damage through environmental influences! Prevent exposure to environmental influences such as exposure to smoke, dust, vibration, chemicals, moisture, heat and direct sunlight.

Notes on Use

- The heat detector can be used individually or in connection with other heat detectors.
- Alternatively, the heat detectors can be connected to each other via a Protect or ProHome alarm system.
- Each heat detector only monitors a limited area! Therefore, install a sufficient number of heat detectors to ensure optimum protection.
- The heat detectors only work with properly charged, correctly installed batteries.
- The heat detectors must not be operated with rechargeable batteries.
- The heat detectors must not be painted over and the air vents must not be covered.
- The heat detectors detect the temperatures caused by a fire, not the flames themselves.
- It should be possible to hear the heat detectors throughout the entire living area.
- People under the influence of alcohol, medication or drugs may not be alerted/woken by the alarm signal.

Operating Elements



- 1 Base
- 2 Battery compartment
- 3 Heat detector (housing)
- 4 Signal LED
- 5 Test button (connection, Mute mode and function test)

Installation Without an Alarm System

Connecting heat detectors without an alarm system

The heat detectors can be connected to each other directly via radio signals. This ensures that, in the event an alarm is triggered, all the heat detectors connected issue an alarm signal. We recommend connecting the heat detectors to each other before assembling the heat detectors.



Warning! Hearing damage through loud alarm signal! The alarm signal is loud and could cause hearing damage. Do not test the product close to your ears. Use appropriate ear protectors when connecting the heat detectors.

- 1 Insert two appropriate batteries in the battery compartments of all the heat detectors to be installed. Pay attention that the batteries are inserted the right way around.
- 2 Press the Test button (5) on one of the heat detectors (main device) three times in succession.
- 3 The signal LED (4) lights up continuously. The main device is ready for connection.
- 4 Press the Test button (5) on one of the other heat detectors three times in succession.
- 5 An acoustic alert signal is issued and the heat detector is connected to the main device.
- 6 (Option:) Repeat the connection process for all the heat detectors to be connected.

Installation With an Alarm System

Registering heat detectors on an alarm system

One of the heat detectors must be registered as the main device on an alarm system from the Protect or ProHome series.

The main device should be installed centrally and in transmission range to the alarm system.



Warning! Hearing damage through loud alarm signal! The alarm signal is loud and could cause hearing damage. Do not test the product close to your ears. Use appropriate ear protectors when connecting the heat detectors.

- 1 Select the **Register** menu option on the alarm system.
- 2 Insert two appropriate batteries in the battery compartment (2) of one of the heat detectors (main device). Pay attention that the batteries are inserted the right way around.
- 3 The base unit display indicates that registration has been completed successfully on the alarm system and the heat detector issues an acoustic signal to confirm the process.
- 4 Connect more heat detectors to the main device (refer to Connecting heat detectors without an alarm system on page 9).

Complete a function test following registration! Press the Test button (5). The function of the alarm signal, signal LED and, if necessary, connected devices are tested.

Operating Modes

Normal mode

The heat detector is in Normal mode when operating at temperatures below the threshold temperature of 54°Celsius.

The signal LED (4) flashes every 32 seconds. No acoustic alert signal is issued.

Alarm mode

If the temperature at the heat detector rises above the limit value of 54°Celsius, the heat detector triggers an alarm.

The signal LED (4) flashes in the sequence (signal (0.5 s), pause (0.5 s), signal (0.5 s), pause (0.5 s), signal (0.5 s), pause (1.5 s)). Acoustic signals are issued coinciding with the flashing signals.

Each alarm is activated for 10 minutes. After 10 minutes, the alarm is either extended or ended automatically, depending on the temperature.

The acoustic alarm can be switched to Mute mode by pressing the Test button (5). When Mute mode is activated, the signal LED (4) flashes for approx. 10 minutes at intervals of 8 seconds (refer to Mute mode on page 13).

Wireless alarm

If several heat detectors are connected via a wireless link and an alarm is triggered on one of them, the alarm is also triggered on the other heat detectors connected.

The signal LED (4) flashes in the sequence (signal (0.5 s), signal (0.5 s), pause (1.5 s)). Acoustic signals are issued coinciding with the flashing signals.

If no other wireless alarm signal is triggered within 60 seconds, the heat detector switches to Normal mode (refer to Normal mode on page 11).

Press the Test button (5) to activate Mute mode (refer to Mute mode on page 13).

Each alarm is activated for 10 minutes. After 10 minutes, the alarm is either extended or ended automatically, depending on the temperature.

Low battery charge

If the batteries have reached a low battery charge, the heat detector signals that a change of batteries is necessary.

The heat detector issues an acoustic signal every 32 seconds; the signal LED (4) also flashes at intervals of 32 seconds.

Press the Test button (5) to interrupt the acoustic signal for low battery charge for about 8 - 10 hours. The heat detector then switches to Normal mode and operates as usual.

It is recommended to change the batteries immediately (refer to Changing the Batteries on page 20)!

Device errors

If a malfunction has occurred which limits the functional scope of the heat detector, the heat detector signals a device error.

The heat detector issues an acoustic signal every 32 seconds; the signal LED (4) does **not** flash.

Check the functionality of the heat detector or change the heat detector.

Mute mode

If an alarm has been triggered on one or more heat detectors, Mute mode can be activated by pressing the Test button (5).

The Signal-LED (4) flashes every 8 seconds for a period of 10 minutes.

Mute mode is activated for 10 minutes. After 10 minutes, the alarm is either extended or ended automatically, depending on the temperature. In the case it is extended, the device switches to Alarm mode.

Test mode

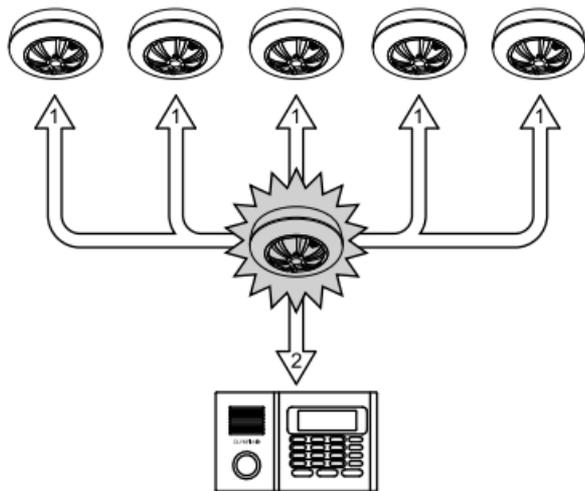
You should test the heat detector on a weekly basis by pressing the Test button (5). The heat detector issues a loud acoustic alarm to confirm its functionality.

In the Event of an Alarm

Alarm process

The illustration indicates the sequence of notification should a heat detector be triggered.

If you have linked the heat detectors to each other without an alarm system, notification occurs accordingly without an alarm system.



The secondary devices issuing the alarm are switched off automatically independent of the main device after 10 minutes.

What to do if the heat detectors raise an alarm

- Keep calm.
- Always assume that is a real emergency situation.

Proceed as follows if a smell, smoke or fire has developed in the area being monitored:

- You and others at risk must move away from the danger area. Keep near the floor if there is an excessive development of heat and, if possible, hold a damp cloth in front of your mouth and nose. Follow the escape routes indicated, if necessary. Close all doors and windows which can be accessed to prevent the smoke and fire spreading further.
- Inform the fire service using the emergency number 112. Remain calm and answer the questions: Who is calling? What has happened? Are there any injured persons? What types of injuries have occurred? Wait for instructions.
- Try and extinguish the initial fires using the appropriate extinguishing agents available, such as fire extinguishers and fire blankets. However, never put yourself and others at risk.

Proceed as follows if no smell, smoke or fire has developed in the area being monitored:

- Ensure that there are no suspicious smell, smoke or fire developments in the area being monitored.
- Deactivate the alarm by ventilating the room in which the heat detector has been triggered.

Or

- Deactivate the alarm via the alarm system base unit (refer to the operating manual enclosed with the alarm system).
- Please note that deactivation of the alarms is delayed. The process takes up to 40 seconds after deactivation on the alarm system.
- Deactivate the alarm by pressing the Test button (5) on the heat detector.



If several heat detectors are being used, the alarm from the detector triggering the alarm remains active. This serves to localise the heat detector triggering the alarm. Press the Test button (2) on the heat detector triggering the alarm. The alarm is completely deactivated.

Installation

Appropriate installation locations

A heat detector monitors a circular area with a diameter of about 4.5 meters.

Therefore, install

- a heat detector in the hall area between living and sleeping areas (for escape route monitoring),
- a heat detector in each living room and bedroom,
- at least one heat detector in the hallway of each floor in the case of multi-storey buildings,
- a heat detector above the stairs in cases where an attic has been upgraded to a living area.

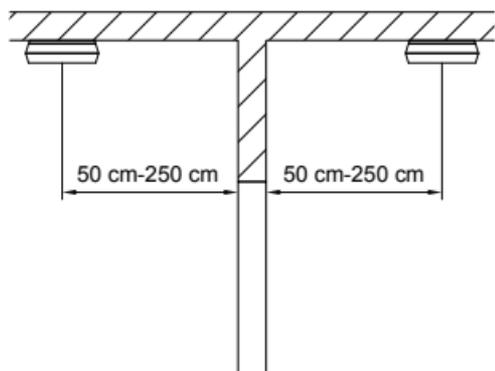
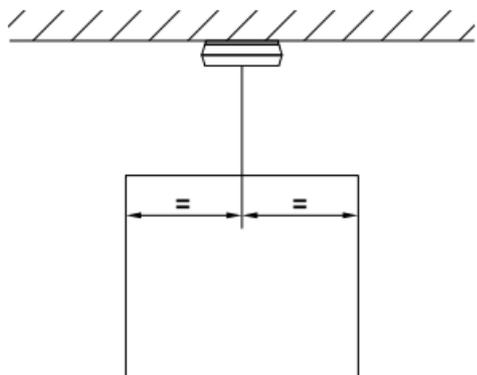
Inappropriate installation locations

The heat detector must not be installed

- in the vicinity of electrical devices such as energy-saving lamps, electrical units, etc. (minimum clearance: 50 cm),
- in the vicinity of ventilation shafts (minimum clearance: 1 m) and strong draughts,
- directly under the roof (min. distance of 30 cm to the roof of an attic),
- in the vicinity of open hearths or fireplaces,
- in rooms in which the temperature can rise above + 40 °C or drop below + 0 °C.

Installation dimensions and clearances

- Install each heat detector as centrally as possible in the room being monitored.
- Only install the heat detector on jointless, smoke-impervious ceilings.
- Install the heat detector directly underneath the ceiling surface.
- Always install the heat detector horizontally (even with sloping ceilings).
- The distance between a heat detector and wall must be minimally 50 cm and maximally 250 cm.
- If the room to be monitored is very large, it may be advantageous to install more than one heat detector.



Installation steps

Proceed as follows to install the heat detector:



Warning! Risk of serious injuries through damaging cables or pipes! During installation, pay attention to the possibility of cables and pipes running in the walls and ceilings. We are not deemed liable for installation errors. In case of doubt, contact a specialist!

- 1 Ensure that there are no electric cables, gas or water pipes near the installation location.
- 2 Screw the base (1) to the ceiling at the chosen installation location using two screws approx. 80 mm apart. (If necessary, use dowels as additional fixation material.)
- 3 Ensure that all the heat detectors installed are connected by the way and means necessary for your configuration.
- 4 Install the heat detector on the base (1) and screw the heat detector in the direction of the arrow until it audibly locks in place.

You can only install the heat detector on the base (1) when a battery has been inserted in the battery compartment on the rear of the heat detector.

Disassembly of the heat detector is performed in the reverse sequence.

Changing the Batteries

When the batteries in the heat detector have reached a low charge, the device issues an acoustic signal at regular intervals (refer to Low battery charge on page 12). Change the batteries in the heat detector concerned within 30 days.



CAUTION! Risk of property damage through using inappropriate batteries which are not approved by the manufacturer! The use of inappropriate batteries can cause loss of function of the heat detector. Only use batteries approved by the manufacturer.

- 1 Remove the heat detector from its base (1).
- 2 Change the batteries (observe correct polarity!).
- 3 Install the heat detector in the base (1).

When the heat detector is connected to an alarm system, the alarm system base unit also signals low battery power in the display.

- 4 On completing the work, initiate a function test.

Technical Data

Weight	118 g
Dimensions (Ø x H):	100 x 36.7 mm
Frequency (radio)	868 MHz
Maximum transmission power	0.8 mW
Alarm volume	>85 dB(A)
Batteries	2 x AA, 1.5 V (Gold Peak GP15A, Energizer E91, Raymax LR6)
Area of application	For bathrooms and kitchens
Standard	EN 14604:2005+AC:2008
Ambient conditions	0 °C to 40 °C at 30% to 75% rel. humidity

Information on Disposal



The adjacent symbol indicates that electrical and electronic apparatus and batteries no longer required must be disposed of separate from domestic waste in accordance with legal directives. You are legally obliged to dispose of batteries and battery packs at shops which sell batteries or collection points which provide the corresponding containers. Disposal is free of charge. The symbols indicate that the batteries must not be disposed of in normal domestic waste and that they must be brought to collection points provided by local public waste authorities.

Packaging materials must be disposed of according to local regulations.

Regular Maintenance and Service

Accumulations of dust and cobwebs can impair the function of the heat detector and cause malfunctions. It is possible that heat can no longer be detected.

- 1 Clean the surface of the housing regularly with a soft, slightly moistened, lint-free cloth. Clean the smoke inlet with a brush.
- 2 Clean dust and cobwebs as necessary.
- 3 Complete a function test each time after assembly, a change of batteries and a longer period of absence (Test mode on page 13).

Guarantee

The period of guarantee is **24 months**. The period of guarantee begins on the date of purchase. It is essential to keep the purchase receipt and original packaging. If a problem arises, please refer to our Return Merchandise Authorisation portal (RMA) in the Support section of our website at

www.olympia-vertrieb.de.

In the case of further queries, please contact our hotline **0180 5 007514** (costs via German landline at time of going to print: 14 ct/min., max. 42 ct/min. via a mobile network).

Information on Conformity



Olympia Business Systems Vertriebs GmbH, Zum Kraftwerk 1, 45527 Hattingen, hereby declares that this heat detector fulfils the basic requirements and other relevant provisions stipulated in the Directive 2014/53/EU. The CE mark on the heat detector confirms its conformity.



You can find further information on the Declaration of Conformity for this product at **<http://productip.com/?f=83845>** or by scanning this QR code.



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Subject to change without prior notice.