



**ALWAYS
SAFER**



SMOKE DETECTOR

BATTERY POWERED

GS-503



INSTALLATION AND OPERATION

Smoke detector GS-503 should be installed in places where there exists possibility of potential fire threat. While choosing the place of installation the user should make sure that the alarm sound will be heard from the whole building. The device should be installed on ceiling.

To install the device the user should:

- 1) Separate mounting frame (fig. 1 pos. 1) from the device body (fig. 1 pos. 2), rotating it counter-clockwise.
- 2) Put the 9V battery, 6LR61 type (fig. 2 pos. 1).
- 3) Test the device by pressing the button at the front (fig. 3 pos. 1) for few seconds. After few sounds the button can be released. These sounds confirm that the device works properly.
- 4) Install the device on the ceiling. At first the mounting frame should be fixed to the wall with a use of screws and screw anchors (included in the set). Two holes on the frame should be used for proper wall holes placement. Next step is attaching the device body to the frame by inserting two characteristic hooks of the frame (fig. 4 pos. 1) into two channels on the device body (fig. 4 pos. 2). Finally the body should be rotated clockwise to be fixed.

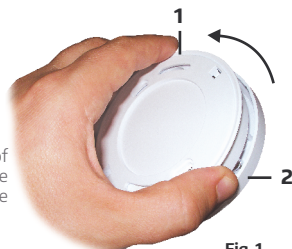


Fig. 1



Fig. 2



Fig. 3



Fig. 4

NOTES

- You must not replace any component of the device except batteries. In case of any problems you should contact the service.
- The device must not be installed in places with high humidity level or in dusty space.
- The device should be installed in places that are already painted.
- The device should be installed at least 1,5m from the air conditioning.
- The device should be tested at least once a month.
- Single repeating sounds appearing during standby mode are a low battery symptom – the batteries should be replaced.

The device is equipped with relay output (max. 1A) that enables to connect the device with an alarm system. To connect it properly one must carefully read the alarm system manual. Depending on the alarm control panel specification either NC (normally closed) or NO (normally open) joints can be used – please refer to the fig. 5-6.

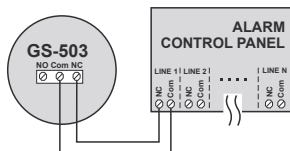


Fig. 5

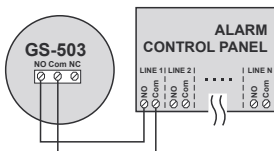


Fig. 6

To get some information about warranty please refer to your sales assistant.

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The device is dedicated to monitor closed spaces to detect potential fire and alarm during any fire threat. It is equipped with high quality photo-optical sensor. It should be mounted on the ceiling. In case of any danger (smoke), the device will automatically warn the user by emitting:

- Acoustic alarm – sound from the speaker of volume level about 85 dB,
- Optical alarm – LED diode mounted at the front of the device.

The device has a special test button to check whether the work of the device is correct. Another function is battery level control – low battery level is indicated by single, repeating each 1 min, sound.

- Acoustic and sound alarm
- Special test button
- Low battery level indication
- Relay output for alarm systems



Technical data	
Powe supply	9V DC (6LR61 battery)
Current - standby / alarm state	10µA / ok. 30mA
Relay output	NO/NC max. 230V/1A
Alarm sound level	> 85 dB
Temperature range	-10°C...+40°C
Dimensions (diameter x height)	107mm x 35 mm
Netto weight	110 g (without battery)



ElektroEko

Used up electrical or electronic device must not be utilized or thrown away with other waste produced by household. In order to avoid harmful effect on natural environment and human health, the device must be utilized in places that are destined to do it. To get more information about place and method of safe utilization you should turn to local authorities or company specialized in recycling – Dz. U. nr 180 pos. 1495 day 29.07.2005.

More information about recycling points can be found on www.elektroeko.pl

The copy of declaration of conformity is available on: <http://www.eura-tech.eu>



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