



HOMEGUARD



HG2000

240VAC 9VDC PHOTOELECTRIC SMOKE ALARM



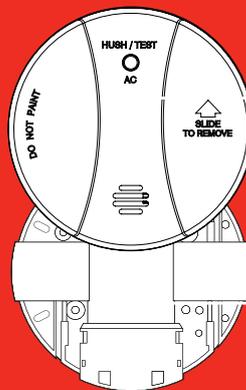
The HOMEGUARD HG2000 is an AC powered, photoelectric smoke alarm that operates on a 240VAC power source with a 9VDC battery backup. This smoke alarm has the ability to function as a stand alone unit or in an interconnected system. This smoke alarm uses photoelectric sensing technology. Photoelectric sensing alarms may detect visible particles (associated with smoldering fires) sooner than ionisation alarms.

The HOMEGUARD HG2000 includes an easy slide base plate for quick installation.

The HG2000 is AS3786:2014 approved and Activfire Listed with a 5-year warranty.

FEATURES:

- Mains power hard-wired smoke alarm
- 240VAC with 9VDC battery backup
- Photoelectric Sensing Technology
- Insect screen over the smoke sensor
- One button operation (Test and Hush feature)
- Surface mount easy slide mounting base plate
- Interconnect up to 24 units
- Tamper resistant feature
- Approved to AS3786:2014 standard.



NEW
SURFACE MOUNT
EASY SLIDE
MOUNTING BASE



Tested & complies to
Australian Standards
AS3786:2014

HG2000

240VAC 9VDC PHOTOELECTRIC SMOKE ALARM



HOME GUARD

STANDBY CONDITION: The red LED will flash every 40 seconds to indicate that the smoke alarm is operating properly.

ALARM CONDITION: When the alarm senses products of combustion and goes into alarm the red LED will flash one flash per second. The flashing LED and pulsating alarm will continue until the air is cleared. When units are interconnected, only the red LED of the alarm that senses the smoke or is being tested (the originating unit) will flash. All other units in the interconnected system will sound an alarm but their red LED will NOT flash.

HUSH MODE: The red LED will illuminate for every 8 seconds, indicating the smoke alarm is in the Hush Mode. Pressing and releasing the Test button the smoke alarm will enter Hush mode.

INSTALLATION OF THE SMOKE ALARM

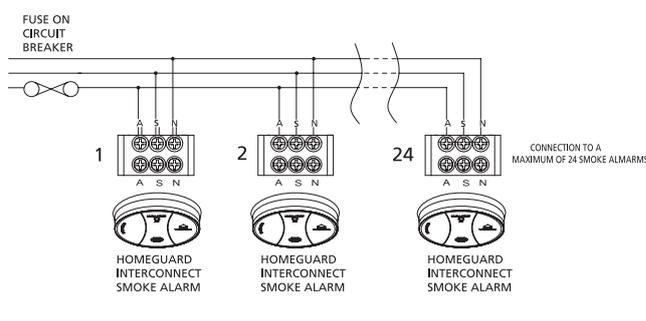
The HOME GUARD smoke alarm is easy to install. The unit is fitted on a base plate with multiple fixing holes. The smoke alarm is connected to power on a 3 pin terminal block on the base plate. The smoke alarm easily slides on the base plate for positive power connection.

This alarm cannot be operated from power derived from a square wave, modified square wave or modified sine wave inverter. These type of inverters are sometimes used to supply power to the structure in off grid installations, such as solar or wind derived power sources. These power sources produce high peak voltages that will damage the alarm. PSA recommend the smoke alarms to be installed on its own subcircuit to avoid false alarms and nuisance chirping that may be caused by electromagnetic interferences from other electrical equipment.

The HOME GUARD HG2000 is not designed to be interconnected with other brands or products. Should other products need to be interconnected for a complete system, please contact PSA PRODUCTS for more information.

SPECIFICATIONS

Model	HG2000
Detection Method	Photoelectric / Photo-optical sensing technology
Operation	Stand-alone or interconnect up to 24 units
Power Requirement	240V AC 50Hz sine wave supply
Power Backup	9Vdc battery
Rating	80mA max per alarm
Alarm sound	85dB at 3m
Low battery indication	Sounds a chirp at 40 second intervals, in addition to red LED flashing
Hush Function	10-15 minutes. Red LED flash every 8-10 seconds.
Alarm duration	As long as smoke is present, unit automatically resets when smoke clears
Alarm indication	Flashing red LED indicator every second.
Temperature Range	4°C to 45°C
Humidity Range	Up to 85% relative humidity (RH)
Size	120mm Wide x 40mm High
Wiring	Active, Switch, Neutral terminal.
LED	Green, power indicator. Red, alarm indicator
Warranty	5 years - manufacturer's warranty
Compliance	Activfire Approved and listed to AS3786:2014 Australian standards certified product. RCM.



Tested & complies to Australian Standards AS3786:2014



FIRE • SECURITY • INTERCOMS

psaproducts.com.au

1300 772 776

enquiry@psaproducts.com.au

