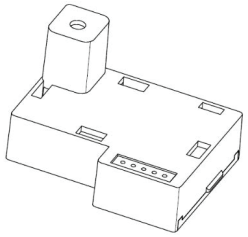
TRADER®
100 Years of Gerard Electrical Tradition

BEAR™

BESMOKEY10WMV2

Smoke Alarm Module
Wireless for use with BESMOKEY10V2

Thank you for purchasing our product. This instruction contains important information on the correct installation and operation of your smoke alarm. Read this instruction fully before attempting installation and retain them for future reference.



Specifications:	
Wireless frequency	433MHz
Wireless distance	>60m
Transmission power	13dB
Interconnect Number	20 Max

Introduction:

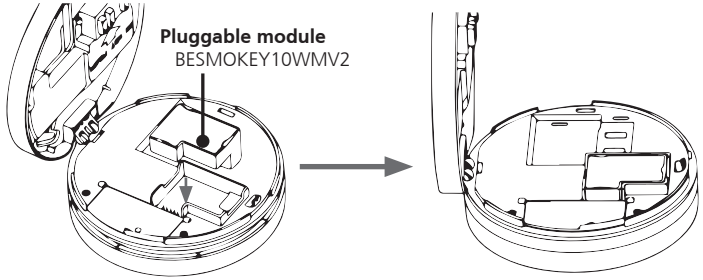
This module can be installed into the alarm to achieve wireless interconnection
Caution: Only install one pluggable module per group of wired interconnected alarms.
Install module: Disconnect the battery and AC power. Install a pluggable module then energize.
(See pictures on next page)

BESMOKEY10WMV2 is only compatible with BESMOKEY10V2.
BESMOKEY10VMV2 cannot be installed with any other models or brands of smoke alarms.

Introducing Wireless Alarm Option into the network with the BESMOKEY10WMV2 module

1. Prior to installation determine if there is a need for the use of wireless alarms in the network.
2. This module can be installed into the BESMOKEY10V2 by first disconnecting the power and opening one of the mains powered alarms and disconnecting the battery, install BESMOKEY10WMV2 wireless module (diagram 1).
3. The BESMOKEY10WMV2 communicates at 433.42MHz and can operate at range greater than 60m.
4. With the power off select one mains wired alarm to be the master for the wireless link and install the BESMOKEY10WMV2. Caution: Only install one pluggable BESMOKEY10WMV2 module into a group of wired interconnected alarms. If there is more than one installed with wired interconnections, it will not work.
5. Turn on the switch and close the alarm casing. The alarm will automatically search for the module after being closed. The red LED flashes continuously while the unit checks if the module is installed.
6. When the product's power switch is turned on, the LED flashes once and emits a "beep" sound, after which there is no further indication. This indicates that while the module has been recognized.
7. When the product's power switch is turned on, the LED flashes once and emits a "beep," after which the LED flashes rapidly for 8 seconds. This indicates that the module has not been recognized.
8. Repeat these steps with all alarms to be interconnected.
9. Additional Wireless 10 Year Lithium powered alarms can be added to the network by combining the BESMOKEY10V2 and inserting the BESMOKEY10WMV2 module. These can be paired with the wireless master (Pairing the Alarm, Diagram 2).
10. Turn ON Mains power
11. To test the alarms, press the TEST button for at least 2 seconds. The unit will alarm, and the light will flash for as long as the TEST button is pressed.

Diagram 1



All Master and Slave BESMOKEY10V2 smoke alarms require a BESMOKEY10WMV2 to be connected wirelessly

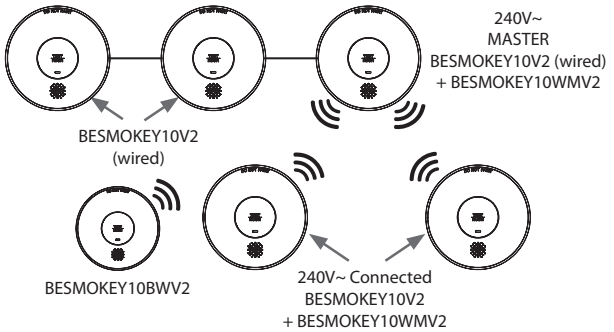
Tip for easy set up: Connect all wireless units on the ground prior to installation.

Pairing the Alarm

1. Choose one smoke alarm as the master. Mark this unit as Master on the rear of the unit for future reference.
2. Ensure to always use the same Master unit whenever pairing a new unit Press TEST button 3 times in 2 seconds to turn alarm into Pairing mode.
3. The master alarm will flash a RED LED once per second for approx. 10sec. Then remain solid for 5min.
4. Using the next smoke alarm to be linked press TEST 3 times in fast succession to place the alarm into pair mode where it searches to link to the master
5. The newly linked alarm will flash red and then follow with a short chirp which the Master will mimic indicating it is connected.
6. The master exits pairing mode after 1minute, it is suggested to prepare multiple alarms for pairing prior to entering pairing mode with the Master.
7. Repeat steps 4 to 6 if multiple alarms are required to be paired.
8. When the alarms are successfully paired to the master, press the test button ONCE on the master to exit pairing mode or wait for the 1min to exit pairing automatically. The RED LED will turn off.
9. Once the alarms are paired and the network created, take alarms to the mounting locations, mark out positions, drill 5mm holes and install ceiling plugs (diagram 5) and assemble them to the mounting brackets.

Diagram 2

NETWORK CONFIGURATION EXAMPLE



Function	Operate the alarm	Indication	Description
Networking	Press the TEST button 3 times within 2 seconds	**Networking status indication:** The Red LED illuminates continuously. **Networking success indication** MASTER: The Red LED illuminates continuously, and buzzer "beeps" for 0.5 second. SLAVE: The Red LED extinguish, and buzzer "beeps" for 0.5 second.	The first alarm to enter networking acts as the MASTER. Later enter networking acts as SLAVE.
Exit network	Press the TEST button once	The Red LED light off.	Pairing status will last 1min. To exit pairing mode early press Test button once.
Note: If there's no pluggable module in existing alarm, it operates in standalone mode and to add a pluggable module, disconnect AC power and battery power, add the module then energize. The alarm will search module after re-energise. The power consumption will increase if the module not networked is searching for other modules. So network the module as soon as possible to ensure battery life is maintained.			

Disposal:
Waste electrical products should not be disposed of with your other household waste. The alarm is ideally suited for disposal within the waste electronic and electrical equipment (WEEE) recycling scheme. Please recycle where facilities exist. Check with your local authority, retailer or contact our Technical Support team for recycling/disposal advice as regional variations apply.



10 Year Manufacturer's Warranty



This product has been manufactured to the highest quality standards.
This product is warranted to the original purchaser and is not transferable.

The product is guaranteed to be free from defects in workmanship and parts for a period of 10 Years from the date of purchase. Defects that occur within this warranty period, under normal use and care will be repaired, replaced or refunded. The benefits conferred by this warranty are in addition to all other rights and remedies of the consumer under Commonwealth, State and Territory laws in relation to the goods or services to which this warranty relates and Australian Consumer Law. Risk in regard to the product to be repaired shall at all times remain with the Purchaser. The warranty is given on the condition that the product to which it applies is used for the purpose and in the manner intended by its construction and for no other purposes whatsoever. GSM Electrical (Australia) Pty Ltd shall not be responsible for damage of any kind, caused by accidents, power surges, electrical storm damage, incorrect power current, infestation (vermin or insect), incorrect installation, incorrect electricity or plumbing installation, improper use of controls or failure to use the product in accordance with the operating instructions, general misuse or abuse or from normal wear and tear. Any attempt by an unauthorised person to repair or tamper with the equipment shall render the warranty null and void.

GSM Electrical (Australia) Pty Ltd's liability under this warranty is limited to the replacement and/or repair of the defective parts within the warranty period and does not extend to installation or removal of the product. Acceptance of liability by GSM Electrical (Australia) Pty Ltd contained herein is to the exclusion of any other remedy whatsoever and howsoever arising in respect of any equipment to which it applies.