

DC WIRELESS SMOKE ALARM REMOTE

SKU# 299287

Integrated 3.6V DC Lithium Battery

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this product. Please keep instructions for future reference.

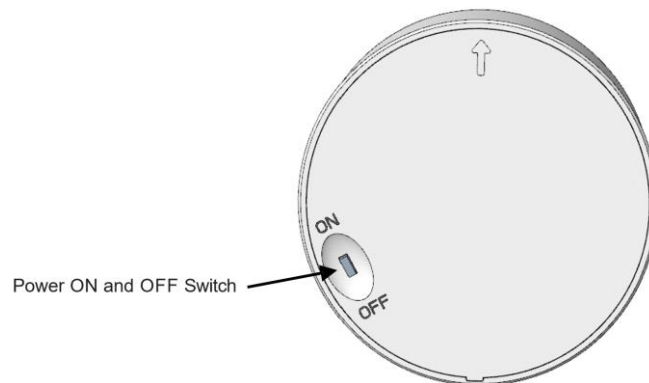
Warranty

- This product is covered by a 10-year warranty valid for in-store replacement or refund only.
- The warranty period starts from the date of purchase, not the date of installation.
- Please retain proof of purchase for any warranty enquiries.
- The warranty will be void if there is any damage due to improper usage or modification to the product.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void the warranty.

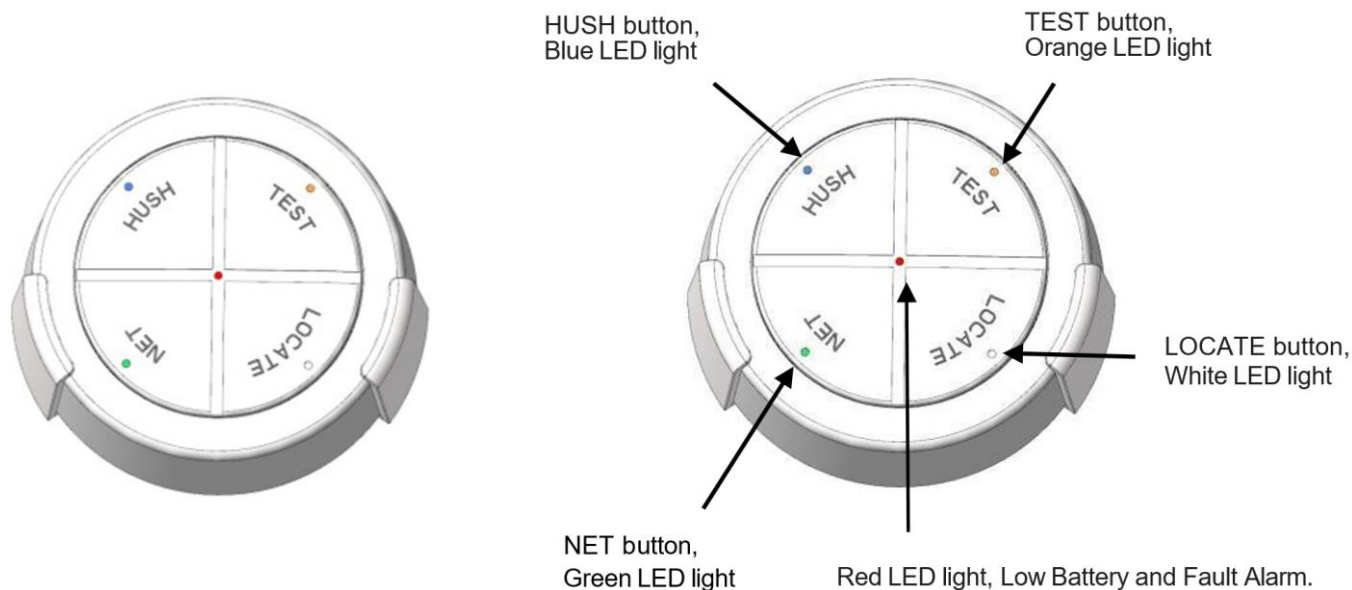
Power On

On the back of the remote, put the miniature switch to the “ON” position.

This will power up the remote and do a quick self-test. All LED lights will turn on and quickly turn off.



Functions



HUSH button: Press once to hush/silence all sounding smoke alarms.

The blue LED indicator will power on and the interconnected smoke alarms should stop sounding within 5s.

The smoke alarm should stop sounding for about 5 -10 minutes when in “Hush” mode

TEST button: Press once to initiate a test on all interconnected smoke alarms within.

The orange LED indicator will power on for 50 seconds.

All connected alarms should sound and then stop sounding approximately 30s after alarm sound commenced.

NET button: Press to interconnect with other devices as a primary or secondary device.

Consecutively press the NET button 7 times to pair and interconnect as a primary device.

Consecutively press the NET button 5 times to pair and interconnect as a secondary device.

The green LED indicator will flash for 30 seconds in secondary mode.

The green LED indicator will power on for 30 seconds in secondary mode.

LOCATE button: Press once to silence all interconnected smoke alarms except the unit that initiated the alarm.

The white LED indicator will power on for 40 seconds.

This will assist in locating and tracing back to the initial smoke alarm the triggered the alarm.

Fire indicator: When the red LED indicator flashes, it means an interconnected smoke alarm is sounding or a faulty alarm has been activated. The remote has received the alarm signal.

Interconnect Pairing

It is essential to connect the remote to the other smoke alarms to ensure they will communicate together and correctly. Both the remote controller and other smoke alarm(s) could use as "Primary-Secondary" pairing method to complete the interconnection.

This means use the first device as the Primary (open for wireless interconnection), and the other device as the Secondary (to join the Primary device for wireless interconnection).

NOTE: If the pairing fails, press the NET button consecutively for 9 times to reset the remote to the factory default setting.

A) WIRELESS INTERCONNECT BY SETTING THE REMOTE AS THE PRIMARY DEVICE.

1. Press the NET button 7 times consecutively and the green LED will light up and flash for about 30 seconds.
The remote is now the Primary device and all other smoke alarms are secondary devices and will need to join.
2. Press the Test/Hush button on the smoke alarm(s) consecutively 5 times and the green LED will power on for about 30 seconds.
3. If the pairing is completed within 30 seconds, you can test the devices through the remote by pressing the TEST button once, the alarm(s) will sound within 30 seconds.

NOTE: The remote has a memory function, all connected devices will remain wirelessly interconnected.

If the user has not completed the interconnection of all smoke alarms within the period, repeat from steps 1 to 3 for all devices that have not yet been interconnected.

B) WIRELESS INTERCONNECT BY SETTING THE REMOTE AS THE SECONDARY DEVICE.

1. The smoke alarm can be set as the Primary device. Press the Test/Hush button on the smoke alarm 7 times consecutively and the green LED will flash for about 30 seconds.
2. Press the NET button on the remote 5 times consecutively and the green LED will light up. Now the remote is the Secondary device.
3. If the pairing is completed within 30 seconds, you can test the devices through the remote by pressing the TEST button once, the alarm(s) will sound within 30 seconds.

NOTE: The remote has a memory function, all connected devices will remain wirelessly interconnected.

If the user has not completed the interconnection of all smoke alarms within the period, repeat from steps 1 to 3 for all devices that have not yet been interconnected.

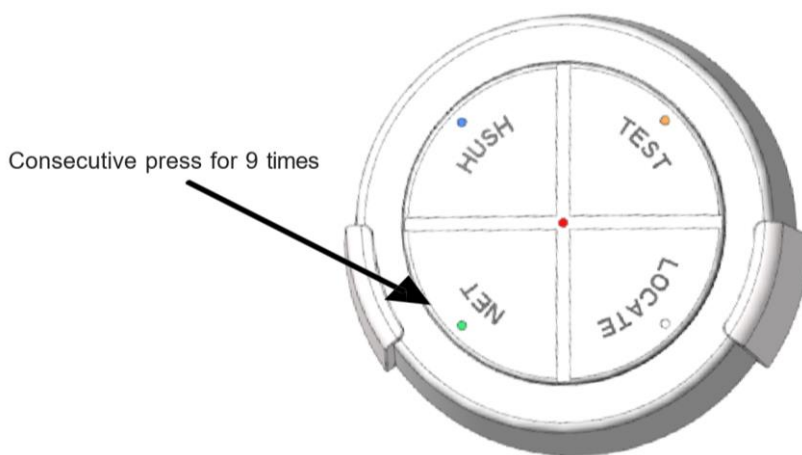
Reset the Interconnection

Sometimes to resolve a wireless interconnection communication issue, e.g. smoke alarms have to be relocated, it may be necessary to reset all interconnected devices in the system again.

To reset the remote or smoke alarms, press the NET button 9 times consecutively.

The green LED will flash 2 times to indicate memory has been reset and you can do the interconnection again.

To reset the other wireless interconnected smoke alarms in your system, repeat the steps above or please consult the appropriate instruction manuals.



Testing the Alarm System

Frequent testing of the smoke alarms is advised to ensure their continued safe operation.

Guidelines and best practices for testing are as follows:

- After the system is installed.
- Once monthly thereafter.
- After prolonged absence from the dwelling (e.g. after holiday period).
- After repair or servicing of any system elements or household electrical works.

1. Press the TEST button on the remote once.

The orange LED will light up for 50 seconds to indicate the controller is in the test mode.

During this period, the controller will send signals constantly to all wireless interconnected devices.

NOTE: Smoke alarms may take some time to activate.

2. All wireless interconnected devices to the remote will flash red on the LED and the alarm will sound.
3. To manually turn off the remote from test mode, press the HUSH button once.

The Orange LED will turn off and the Blue LED will power on and alarms will silence after 5 seconds.

NOTE: The remote will turn off the Test mode after 30 seconds. If the user has not completed testing all smoke alarms, repeat from step 1. If the test fails, go to “Troubleshooting” section

Locate the Source Alarm

If the red LED indicator flashes and the smoke alarms are sounding but there is no obvious fire or smoke, the user may trace and find the smoke alarm that initiated the alarm.

When the controller receives the signal from the wireless interconnected alarms, the LED will flash red.

1. Press the "LOCATE" button once on the remote. The white LED on the controller will light up.
2. After about 40 seconds, all wireless interconnected smoke alarms will stop sounding and stop flashing the red LED except the source smoke alarm.

NOTE: The remote will turn off the Locate the Source Alarm mode after 40 seconds.

3. If the source smoke alarm is still sounding after 40 seconds (detected smoke alarm), the wireless interconnected smoke alarms will resume sounding and flashing red LED.
4. If the user has not yet found the source smoke alarm, repeat step 1 again.

Hush/Silence the Source Alarm

If you carefully checked and satisfied there is no smoke or fire but the smoke alarm is continuing to sound, you may now silence the smoke alarm system.

1. Press the HUSH button once on the remote and the blue LED on the remote will be on for 5 seconds.
2. After 5 seconds, the source wireless interconnected smoke alarm will enter Hush/Silence mode.
3. All other wireless interconnected devices will stop sounding. The silence feature has been completed.

When the Smoke Alarm System Sounds

If there is a fire, immediately evacuate the premises and phone the fire brigade and/or emergency services.

Battery

The remote uses a sealed lithium battery to operate. Under normal use, the lithium battery will operate the remote for approximately 10 years.

To conserve the battery, you can put the switch on the back of the remote to the OFF position if necessary.

If the remote flashes the red LED light every 10 seconds, then the battery is low. In this case, you must replace with a new remote.

Troubleshooting

If, when checking the wireless interconnection, some of the alarms do not respond to the remote controller test, then:

1. Ensure the remote and the smoke alarms have been activated correctly.
2. Use the switch on the back of the remote to turn off and then power on, so it can run a self-checking test.
3. Repeat the NET pairing procedure.
4. Relocate the remote and/or relocate the wireless smoke alarms.

There are a number of reasons why the RF (Radio Frequency) signals may not reach all the alarms in your system. Try relocating the smoke alarms (e.g. move them away from metal surfaces or wiring) as this can significantly improve signal reception.

(Relocating the alarms may move them out of the range of existing units even though they may have already been pairing correctly in the system. It is therefore important to check that all alarms are communicating in their final installed positions. If alarms are rotated and/or relocated, we recommend that all alarms be returned to the factory settings. After repairing all alarms again in their final positions, the wireless interconnection should then be checked and tested.)

Specifications	
SKU #	299287
Power Source	Integrated 3.6V DC lithium battery
Standby Current	2 μ A
Alarm Current	Max. 30mA
Battery Life	10 years (non-replaceable)
Wireless Interconnect	Radio Frequency 433MHz
Operating Range	Temperature: 0°C - 50°C Humidity: $\leq$ 90%
Weight	63 grams (with battery)
Dimensions	H:21mm Dia:66mm