3. interconnecting more than one smoke alarm, you MUST read “Special Requirements For Interconnected Smoke Alarms” below before you begin installation.

The basic installation of this smoke alarm is similar whether you want to install one smoke alarm, or interconnect more than one smoke alarm. If you are interconnecting units, you will need to read "Special Requirements For Interconnected Smoke Alarms" before you begin installation.

When using wire nuts, connect the power wires as follows:

**INTERCONNECTED UNITS ONLY:**

- Strip off about 1/2" (12 mm) of the plastic coating on the orange wire on the power connector.
- Using wire nuts, connect the power wires as follows:
  - Blue wire to blue wire
  - White wire to white wire
  - Orange wire to orange wire

**Recommended Locations for Smoke Alarms:**

- Install smoke alarms near the top of interior walls in each bedroom.
- Install smoke alarms near the top of interior walls outside of sleeping areas.
- Install smoke alarms at least 10 feet away from any heat source, like a stove or fireplace.
- Install smoke alarms on ceilings, not walls.

**Locations to Avoid for Smoke Alarms:**

- In very damp, humid or steamy areas, or directly near bathrooms with showers. Keep units at least 10 feet away from steamy areas.
- In insect infested areas. Insects can clog openings to the sensing chamber and cause unwanted alarms.
- In areas with large smoke-free cooking appliances, like large use of electric ovens. Smoke from the cooking appliance may cause unwanted alarms.

**Optimal Locations:**

- Install smoke alarms at least 10 feet away from any heat source, like a stove or fireplace.
- Install smoke alarms on ceilings, not walls.
- Install smoke alarms near the top of interior walls in each bedroom.
- Install smoke alarms near the top of interior walls outside of sleeping areas.

**Limitations of Smoke Alarms:**

- Smoke alarms can only sound an alarm once smoke reaches the sensor. See "Limitations of Smoke Alarms" for details.
- Battery powered or electrical? Different smoke alarms have different power requirements. Be sure to follow the instructions for your specific smoke alarm.

**Testing and Maintenance:**

- Test smoke alarms at least once a month; gently vacuum the outside of the smoke alarm using your household vacuum's soft brush attachment. Test the smoke alarm. Never use water, cleaners or solvents since they may damage the unit.
- Replace batteries when recommended by the manufacturer. See "Limited Warranty" at the end of this manual.
- If a smoke alarm is installed in a drawer, hang the unit on a hook in the drawer. DO NOT CLOSE THE DRAWER.

**Limited Warranty:**

- The manufacturer will replace any smoke alarm that fails to sound during a test. See "Limited Warranty" at the end of this manual.
**Required Detection.**

All these smoke alarms are designed to provide early warning of fires if located, installed and cared for as described in the user’s manual.

**WIRELESS INTERCONNECT**

Smoke Alarms with battery (DC) back-up: Interconnects with correctly installed. AC and AC/DC units must be installed by a qualified electrician.

**ABOUT SMOKE ALARMS**

Smoke alarms are not foolproof. Smoke alarms may not have time to alarm before the fire itself causes damage, injury, or death, since smoke can be drowned out by noise from stereo, TV, traffic, air conditioner or other appliances, 4) residents are hearing impaired or sound sleepers. Smoke alarms are designed to detect smoke or heat that exists when there is a fire, and to provide warning so you have time to escape.

**LIMITATIONS OF SMOKE ALARMS**

1. Smoke alarms are designed to detect smoke or heat that exists when there is a fire, and to provide warning so you have time to escape.
2. A smoke alarm gives a warning signal, but does not tell you what is burning. Be prepared to identify the fire by smell and/or sight. You should be able to use a flashlight (not a lighted candle) during power outages to see the fire.
3. Smoke alarms can be replaced before they stop working. The National Fire Protection Association recommends replacing a smoke alarm once every 10 years. If the unit will not silence and no heavy smoke is present, or if it stays in silence mode continuously, it should be replaced immediately.
4. Smoke alarms cannot be made foolproof by adding features such as sleeping mode or silence mode. Some smoke alarms operate in sleeping mode to conserve battery power. Battery operated units cannot work if the batteries are missing, disconnected or if the unit is not properly installed. In new construction, most building codes require the use of AC or AC/DC powered smoke alarms only. In existing construction, AC, AC/DC, or DC powered smoke alarms may be used.

**LIMITED WARRANTY**

This product is warranted to be free from defects in material and workmanship for a period of two (2) years from the date of purchase. If any defect covered by this warranty occurs, and the product is returned to BRK within the warranty period, BRK, at its option, will repair or replace the defective product at no charge for parts or labor. In the event of replacement, it may be replaced with a product of equal or greater value. This warranty does not apply to products damaged through shipping, accident, misuse, abuse, installation, or application. This warranty is void if the product is repaired or altered by anyone other than BRK or an authorized service center. This warranty is given in lieu of all other warranties, expressed or implied, including warranties of fitness for a particular purpose and merchantability. BRK shall not be liable for any incidental or consequential damages caused by the breach of any express or implied warranty. In no event shall BRK be liable for any economic loss or damage to property. This warranty is void if, in the opinion of BRK, the product has been subject to negligence, accident, or abuse. THIS WARRANTY IS THE SOLE AND EXCLUSIVE REMEDY FOR ANY BREACH OF WARRANTY. THE DURATION OF ANY IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY, IS LIMITED TO THE EXPRESS WARRANTY PERIOD ABOVE. IN NO EVENT WILL THE MANUFACTURER BE LIABLE FOR ANY INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES.

**RECOMMENDED INSTALLATION SITES**

The National Fire Protection Association (NFPA), recommends one smoke alarm on every level, in every sleeping area, and in every bedroom. In new construction, most building codes require the use of AC or AC/DC powered smoke alarms only. In existing construction, AC, AC/DC, or DC powered smoke alarms may be used.

**IF YOU SUSPECT A PROBLEM**

If you suspect a problem with your smoke alarm, check the batteries and reset the alarm. Check the batteries every month. When replacing or cleaning the batteries, make sure the unit is not in silence mode. For First Alert smoke alarms, do not attempt to repair or replace the unit on your own. If you are not sure what is wrong with your smoke alarm, please contact your local fire department or the nearest First Alert distributor for assistance.

**LIMITED EDITORIAL END**