



料号	F800004000267	版本号	V1.0
品名	AHZ-MN 说明书_美规	设计师	罗敏
材质	70g 书纸	时间码	2026011501
工艺	单黑印刷，骑马钉		
尺寸	100x100mm		
公差	± 1mm		

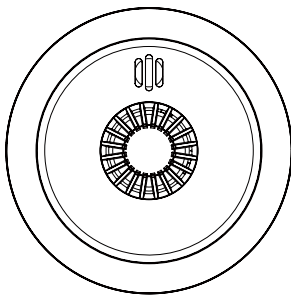
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Aegislink | ((x)) PRO

Heat Alarm

Non-replaceable Battery (10-Year)

USER MANUAL



Model: AHZ-MN

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This user manual contains important information about your heat alarm's operation. To ensure proper use and trouble-free operation, please read this manual carefully and store it in a safe place for future reference.

1 Introduction

Thank you for your purchase. This heat alarm uses an NTC thermistor to monitor temperature changes that may be caused by a fire. The faster the temperature rises, the faster the alarm responds to the fire. It is widely used in environments prone to false alarms from cooking fumes, dry ice, or dust, so it can be installed in attics, garages, and kitchens. This device activates when the temperature reaches a preset range of 129°F (54°C) to 149°F (65°C).

Multiple AHZ-MN heat alarms can form a customizable wireless network. When connected through the customizable wireless network, these alarms will be interconnected, so when one alarm is triggered, all will sound an alarm. This heat alarm can also be interconnected with alarms from the Aegislink PLUS and PRO wireless series, including smoke alarms and combination alarms, which will create a wireless home safety network to protect your entire home.

Safety Information

DANGERS, WARNINGS, AND CAUTIONS ALERT YOU TO IMPORTANT INSTALLATION AND OPERATING INSTRUCTIONS, OR POTENTIAL HAZARDS. PLEASE PAY ATTENTION TO THE SITUATIONS.

IMPORTANT

1. THIS DEVICE IS NOT DESIGNED FOR HEARING-IMPAIRED PEOPLE. USE OF ALCOHOL OR DRUGS MAY IMPAIR ONE'S ABILITY TO HEAR THE HEAT ALARM.
2. THIS DEVICE IS NOT INTENDED FOR DETECTING SMOKE, CARBON MONOXIDE, OR OTHER HAZARDOUS GASES.



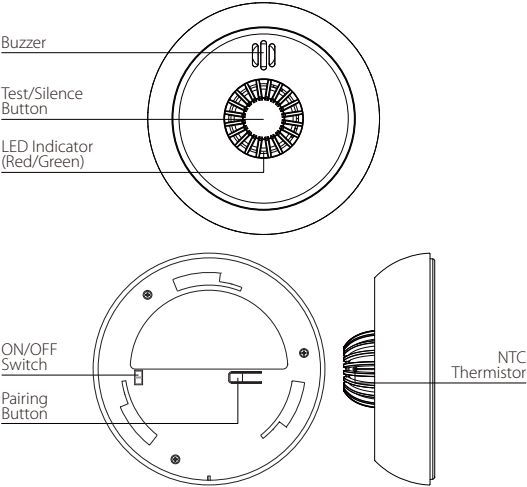
WARNING

1. NEVER IGNORE AN ALARM. FAILURE TO RESPOND CAN RESULT IN SERIOUS INJURY OR EVEN DEATH.
2. THE SILENCE FEATURE IS ONLY FOR YOUR CONVENIENCE AND WILL NOT CORRECT A

PROBLEM. ALWAYS CHECK YOUR HOME FOR ANY POTENTIAL HAZARDS EVERY TIME AN ALARM SOUNDS.

3. TEST THIS HEAT ALARM ONCE A WEEK. IF THE ALARM FAILS TO TEST CORRECTLY, REPLACE IT IMMEDIATELY! IF THE ALARM IS NOT WORKING PROPERLY, IT WILL NOT ALERT YOU TO A PROBLEM.
4. THIS ALARM SHOULD BE INSTALLED BY A COMPETENT PERSON.
5. BATTERIES SHOULD NOT BE EXPOSED TO EXCESSIVE HEAT, SUCH AS DIRECT SUNLIGHT, FIRE, ETC.

1.1 Product Overview



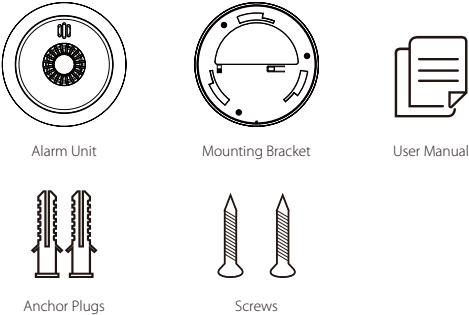
1.2 Technical Specifications

Power Supply	3 V (==) CR17450 lithium battery × 1 (non-replaceable)
Battery Life	10 years (test once a week)
Maximum Service Life	10 years
Sensor Type	NTC thermistor

Instant Alarm Temperature Range	129-149°F (54-65°C)
Operating Temperature	40-100°F (4.4-37.8°C)
Operating Relative Humidity	≤ 85% RH (non-condensing)
Alarm Noise Level	≥ 85 dB at 10 ft (3 m) @ 3.2 ± 0.3 kHz pulsing alarm
Silence Duration	≤ 9 minutes
Band	902-928 MHz
Maximum Number of Interconnected Units	18 wireless units (only compatible with Aegislink PRO and PLUS wireless alarms)
Transmission Range	Over 1,640 ft (500 m) in open air

NOTE: Battery life is calculated based on the current ratings in standby mode, with weekly testing. If its operation mode changes to an alarming condition, the battery life will be decreased accordingly.

1.3 Package Contents



2 How to Set Up and Interconnect Wireless Alarms

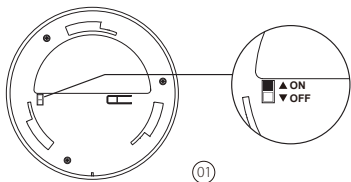
All Aegislink wireless interlinked alarms contain a built-in RF module that enables you to wirelessly connect 2 or more interlinked alarms and create an interlinked network. When one unit is triggered, all interconnected alarms will sound. The series contains wireless interlinked smoke alarms, wireless interlinked heat alarms, and wireless interlinked combination smoke and carbon monoxide alarms. This model is designed to be wirelessly interlinked with other Aegislink wireless alarms, but is not designed to communicate with wireless interlinked alarms from other manufacturers.

The wireless interlinked alarms in one multi-pack have already been interconnected to each other, so the alarms in each multi-pack have their own independent interlinked network. If you have more than one multi-pack, you will need to connect them all to the same network, but you do not have to disconnect each alarm individually. Choose one multi-pack as your base network and connect the other multi-packs to it.

NOTE: The following instructions regarding wireless interconnection are applicable to Aegislink wireless interlinked alarms only.

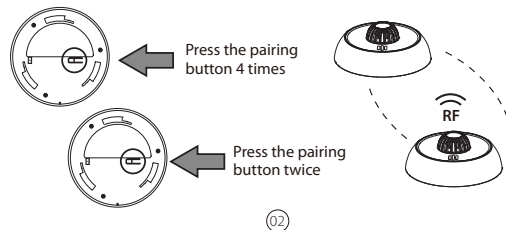
2.1 To Activate the Device

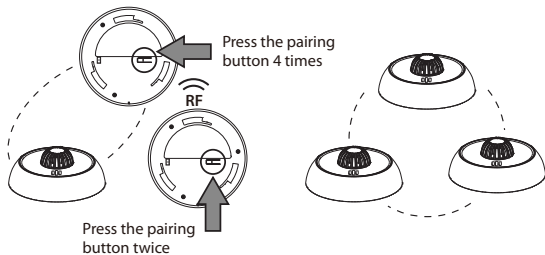
Refer to the section “Installation Instructions” to properly mount the device on the ceiling. The device will automatically power on after being mounted to the mounting bracket. Or switch the ON/OFF button to the ON position to turn on the device when not mounted to the mounting bracket. When you hear a single beep accompanied by a rapidly flashing red once, it indicates that the power-up is successful.



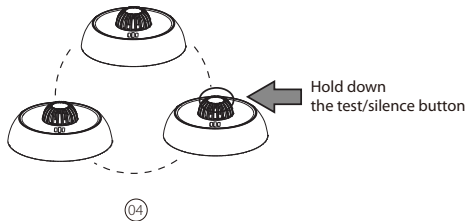
2.2 How to Interconnect

1. Make sure you only work with 2 units at a time, and that they are both turned on to ensure a successful connection.
2. Quickly press the pairing button on the back of one of the 2 units 4 times; it will beep once, and the LED will flash green slowly, indicating it has entered pairing mode and is waiting for a new unit to be added. Quickly press the pairing button on the other unit twice; it will beep once, and the LED will flash green rapidly, indicating it is searching for a unit to connect to.
3. After the search is successful and an interconnected group is created, both units will beep once and automatically exit the interconnection mode. At this point, both units will only flash once every 60 seconds, indicating they are in normal standby mode.
4. If you want to connect a third alarm to this group, first activate the new device according to its operating instructions, and then quickly press the pairing button on either of the 2 previously interconnected units 4 times. This unit will beep once, and the LED will flash green slowly, indicating it is ready to add a new device to the network. Next, quickly press the pairing button on the new unit twice, and the LED will flash green rapidly as it searches for a network to connect to. After the third unit successfully joins the interconnected network, both units will beep once and automatically exit the interconnection mode.
5. If you want to connect more units, simply repeat step 4. Up to 18 alarms can be interconnected this way. **To ensure that all alarms enter the same interlinked network, make sure you only work with 2 units at a time—one unit enters the pairing mode, and the other unit enters the searching mode.**
6. Test the alarms according to the steps in the section “Alarm Testing After Installation”.





03



04

NOTES:

1. The alarm will enter the searching mode or the pairing mode for 60 seconds with the LED flashing green. After 60 seconds, repeat step 2 to connect the alarms. If needed, press the pairing button once while the alarm is in the searching mode or the pairing mode, and the LED will stop flashing green, and the alarm will quit the pairing mode to enter normal status.
2. Test all wireless alarms to ensure they are interconnected before installation.

3. A maximum of 18 wireless alarms can be interconnected on the same network.

4. The model can only be interconnected with other Aegislink wireless interlinked alarms.

2.3 How to Disconnect

Quickly press the pairing button 4 times, and the alarm will beep once. Then, hold down the pairing button until the unit beeps once more to disconnect. After disconnecting, it can be reconnected to the same network or added to a new network.

NOTE: The Aegislink PRO and PLUS series wireless interlinked alarms in one multi-pack have already been interconnected. To create a new network, you will first need to disconnect each alarm individually in this multi-pack to avoid having them all join the same network.

3 How to Install

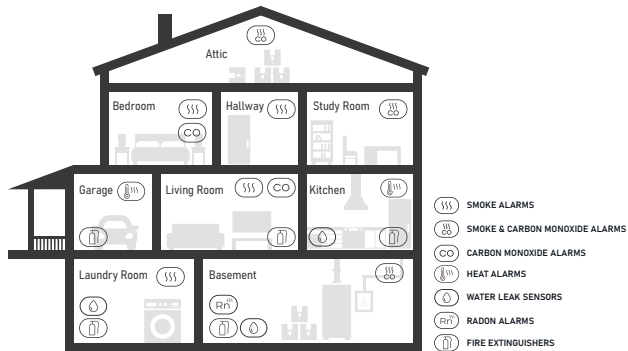
3.1 Where to Install

NOTES:

1. Before installation, it is recommended to test the interconnected alarms in the rooms where you intend to install them to ensure that they are within transmission range and that nothing will interfere with their communication.
2. This product is suitable for indoor use, such as in kitchens, attics, drying rooms, laundry rooms, smoking rooms, and where smoke alarms should not be installed.

The installation of heat alarms is part of a fire alarm system and is used in conjunction with smoke alarms, but not as a substitute for the functions of smoke alarms. Heat alarms are suitable for installation in the following locations:

1. Where possible, smokeless fire may occur.
2. Where a lot of dust and dirt are accumulated.
3. Places where smoke or vapor is trapped under normal conditions, such as smoking rooms.
4. Kitchens, boiler rooms, generator rooms, drying rooms, and other places where smoke alarms should not be installed.
5. Other places where no one stays and are not suitable for installing smoke alarms, but an alarm is needed when a fire occurs.



3.2 Locations to Avoid for Installation

1. Near large metal surfaces and/or bundles of wire.
2. Near fluorescent lights, amateur radios, electrical equipment, or other devices that may transmit an RF signal, as electronic noise may cause nuisance alarms.

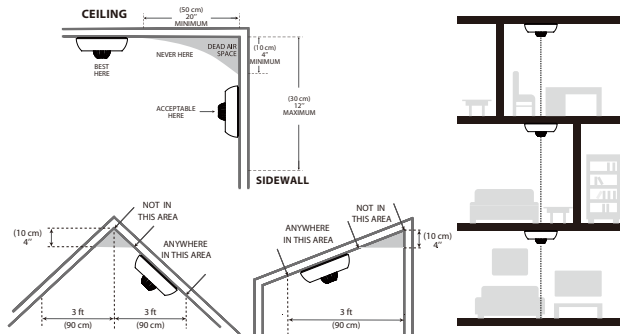
3.3 Specific Locations of Installation

When heat alarms are installed in a room, the most effective mounting location for the heat alarm is on the ceiling in the center of the room. The alarm should be at a distance less than 17.4 ft (5.3 m) from the farthest wall, door to any room in which a fire might start, and the next heat alarm.

1. Prioritize the installation of a heat alarm in the kitchen and furnace room, and make sure you can hear the alarm from all sleeping areas. If you have a lot of rooms, make sure you have heat alarms installed in your hallways and attics.
2. Install heat alarms in every room where a smokeless fire may occur.
3. Heat, smoke, and anything burning will spread horizontally after rising to the ceiling, so install the

alarm in the middle of the ceiling where possible. Ensure the alarm is within working distance of all corners of the room.

4. If an alarm cannot be installed in the middle of a ceiling, install it 20 inches (50 cm) away from the corners of the room.
5. If an alarm is installed on a wall, it should be at 4-12 inches (10-30 cm) below the ceiling.
6. If the length of a room or hall is beyond 30 feet (900 cm), you will need to install several alarms in the same room.
7. When the wall or ceiling is angled, the alarm needs to be installed within 3 feet (90 cm) of the highest wall or ceiling point (measured horizontally) in the room.
8. If you install the alarm on an A-frame or sloped ceiling, place it 4 inches (10 cm) below the highest peak.
9. In multi-level houses or apartments, install at least one wireless alarm on each level and keep them installed in a straight vertical line (see diagram) with as few obstacles between each of the interconnected alarms as possible to ensure optimal signal transmission.

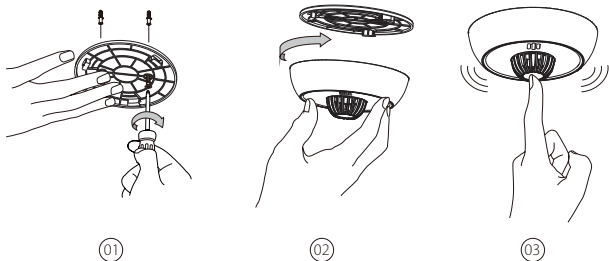


WARNING

TO PREVENT INJURY, THIS DEVICE SHOULD BE SECURELY ATTACHED TO THE CEILING OR WALL IN ACCORDANCE WITH THE INSTALLATION INSTRUCTIONS.

3.4 Installation Instructions

1. Use the mounting bracket to mark the screw holes on the ceiling or the wall.
2. Drill holes at the 2 marks using an appropriately sized drill bit. Insert the anchor plugs and screw the mounting bracket using the screws provided.
3. Attach the alarm to the mounting bracket and turn clockwise to lock the alarm.
4. Test the alarm.



3.5 Alarm Testing after Installation

Be sure to test your alarms when you turn them on for the first time, when the installation is finished, or when the group configuration has changed. In addition to the weekly tests you should perform, it is recommended to test the alarm after returning from a long trip or vacation.

If your Aegislink AHZ-MN heat alarm is interconnected to other Aegislink wireless alarms, we recommend that every individual alarm be tested during the weekly test.

	Test a Single Alarm	Test All Interconnected Alarms
Action	Press the test/silence button.	Hold down the test/silence button.
Indication	1. The alarm will beep 3 times every 4 seconds, accompanied by flashing red 4 times, lasting for 1 cycle. 2. Then the alarm will automatically enter standby mode.	1. The initiating unit will beep continuously with the LED flashing red. 2. Other interconnected alarms in the network will receive the test signal after 5 seconds. They will beep continuously with the LED flashing red and green successively. Release the test/silence button, and all the units will stop testing. 3. The testing of the units should be completed as soon as possible. 4. After testing, the units will automatically enter standby mode.

NOTES:

1. The interconnected devices can be tested by holding down the test/silence button on one of the devices.
2. The test function accurately tests the alarm's heat-sensing circuit without the need to test with fire. If your alarm fails to give an audible test signal, please refer immediately to the troubleshooting guide at the end of this manual. Never use an open flame to test this device.

3.6 Battery Warning

This heat alarm is powered by a non-replaceable 10-year battery, and once deactivated, the heat alarm is incapable of being reactivated and must be replaced.

4 Functions' Overview

4.1 Alarm Mode

Aegislink wireless interlinked alarms can be interconnected so that any device that senses danger will trigger an alarm on all other units in the network.

1. If the Initiating Unit Is Triggered by Smoke/Heat:

When a smoke/heat alarm in the interconnected network is triggered, the device will beep 3 times, and the LED will flash red every 4 seconds. Any other interconnected units will follow suit—they will beep 3 times every 4 seconds, paired with the LED flashing red and green in succession.

2. If the Initiating Unit Is Triggered by CO:

When one CO alarm is triggered in the interconnected network, the device will beep 4 times every 5.8 seconds, paired with the LED flashing red. Any other interconnected units in the network will follow suit—they will beep 4 times every 5.8 seconds, paired with the LED that flashes red 4 times first, followed by the LED that flashes green once with every beep. When the CO concentration level drops below the alarm threshold, the alarm will cease.

NOTES:

1. *When one unit is triggered, other interconnected units will sound. If the smoke alarm, heat alarm, and CO alarm in the network are all triggered at the same time, the alarm signal of the smoke alarm will take priority, followed by the heat alarm and CO alarm.*
2. *This alarm has a relay function that extends the wireless interconnected network for wide detection coverage.*

4.2 Silence Mode

You can silence the device by pressing the test/silence button on the device.

If you press the silence button during an alarm state, the device will be in silence mode for 9 minutes. During the silence mode, the LED flashes red once every 5 seconds. After 9 minutes, the unit will exit silence mode.

NOTES:

1. *In the alarm mode, pressing the test/silence button on the initially triggered device will silence all devices in the network. Pressing the test/silence button on a passively triggered device will only silence all passively triggered devices; initially triggered devices will continue to sound and flash.*
2. *While interconnected, the initiating unit cannot be triggered again during the 9-minute silence duration. However, all other interconnected units can be triggered again if they detect danger during the silence mode.*

4.3 Low Battery Mode

The LED indicator flashes red once every 60 seconds with 1 beep every 60 seconds. Replace the device immediately.

4.4 Fault Mode

The LED indicator flashes red twice every 60 seconds with 2 beeps every 60 seconds. Replace the device immediately.

5 Daily Maintenance

To keep your heat alarm in good working order, follow these simple steps:

1. Verify the unit's alarm sound and indicator are working properly by testing the unit once a week.
2. As a minimum, your heat alarm should be cleaned once every 3 months: Remove the unit from the ceiling and clean the alarm cover and vents with your vacuum cleaner fitted with the soft brush attachment to remove dust and dirt.
3. Never use detergents or other solvents to clean the unit.
4. Never attempt to disassemble the unit or clean inside. Doing so will void your warranty.
5. When removed, place the heat alarm back in its proper location as soon as possible, to assure continuous protection from fire.

6 Audio and Visual Indicators

Status		LED Indicator	Audible Alarm	Action
Standby Mode		The LED flashes green once every 60 seconds.	None.	
Alarm Mode	The unit that detects heat and initiates an alarm.	The LED flashes red 4 times every 4 seconds.	3 beeps every 4 seconds.	The alarm detects heat from high temperatures, and this could mean there's a fire indoors.
	All other interconnected units in the network.	The LED flashes red and green 3 times sequentially every 4 seconds.	3 beeps every 4 seconds.	Dangerous smoke concentration/ high temperature is detected by the initiating unit in the network. Please find the initiating unit and take action.
		The LED flashes red 4 times, then the LED flashes green once every 5.8 seconds.	4 quick beeps repeating every 5.8 seconds.	Dangerous CO concentration is detected by the initiating unit and has reached the alarm status. Please find the initiating unit and act.
	Alarm cancellation	The LED flashes green once every second for 5 seconds.	None.	When the temperature drops below the alarm threshold, the alarm signal will stop. Then, the alarm goes back to the standby mode.
Test Mode	Test a single unit.	The LED flashes red 4 times every 4 seconds.	3 beeps every 4 seconds.	Press the test/silence button.
	Test all interconnected units.	The LED flashes red rapidly.	Continuous beeping until you release the test/silence button.	Initiating unit. Hold down the test/silence button on one unit in the network.
		The LED flashes red and green sequentially.		Other interconnected alarms in the network.

Silence Mode	The LED flashes red once every 5 seconds.	None.	After 9 minutes, the device will exit silence mode.
Low Battery	The LED flashes red once every 60 seconds.	1 beep every 60 seconds.	Replace the device immediately.
Malfunction	The LED flashes red twice every 60 seconds.	2 beeps every 60 seconds.	Replace the device immediately.

7 Troubleshooting

Problems	Solution
The alarm does not sound during a test.	Cause 1: The device does not turn on. Solution: Switch the button on the back of the device to the ON position, then attach it to the mounting bracket properly before conducting the test. Cause 2: You don't push the test/silence button firmly. Solution: Make sure you push the test/silence button firmly.
When the test button is held down, only one alarm sounds, and the other interconnected alarms do not respond.	Cause 1: The interconnected device is exited from the wireless interconnected network or has failed to connect to it. Solution: Please reconnect the device to the wireless network in accordance with the section "How to Set Up and Interconnect Wireless Alarms". When connected to a wireless interconnected network, holding down the test/silence button will test all devices in the network. When exited from the wireless interconnected network, holding down the test/silence button only tests a single device. Cause 2: You did not hold down the test/silence button. Solution: A short press on the test/silence button will always test a single device. Please ensure that you press down the test/silence button firmly to test all the interconnected devices.

False alarms triggered intermittently.	Cause 1: The device is improperly installed. Solution: Install the device in a proper position. Check the location of your alarm (see "How to Install"). Cause 2: The device is clogged with dirt and dust. Solution: Clean the device periodically (see "Daily Maintenance"). Cause 3: Install too close to a heat source. Solution: Do not install too close to a heat source.
It is unclear how to judge which alarm is triggered first.	Cause: Wireless interconnected network. Solution: In the alarming mode, press the test/silence button on any of the devices. If all other alarms are muted, the device you pressed is the source alarm; if not, then the source alarm is the one you will hear continuing to alarm. You need to press the test/silence button to silence the initiating alarm.
The LED flashes red once every 60 seconds with 1 beep.	Cause: Low battery. Solution: The battery is low. Push the Test/Silence button once to silence for 10 hours. Replace the device immediately.
The LED flashes red twice every 60 seconds with 2 beeps.	Cause: Malfunction. Solution: The alarm is malfunctioning. Please clean your alarm (see "Daily Maintenance"). If the problem still occurs, replace the device immediately.

8 Statement

FCC Statement:

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.
- Note: This equipment has been tested and found to comply with the limits for a Class B digital device. These limits are designed to provide reasonable protection against harmful interference in

a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.
 - The distance between user and products should be no less than 20 cm.

Environmental Protection

The crossed-out wheeled-bin symbol on your product, literature, or packaging reminds you that all electrical and electronic products, batteries, or accumulators must be taken to designated collection locations at the end of their working life. Do not dispose of these products as unsorted municipal waste. Dispose of them according to the laws and rules in your area.



9 Manufacturer and Service Information

Smartie International LLC

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