

DAYTECH AJ-762

DAYTECH AJ-762 Smoke Detector User Manual

Model: AJ-762 | With 10-Year Battery

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your DAYTECH AJ-762 Smoke Detector. This device is designed to provide early warning of smoke presence, contributing to the safety of your home. Please read these instructions carefully before installation and retain them for future reference.

2. SAFETY INFORMATION

- The DAYTECH AJ-762 Smoke Detector is certified by TÜV Rheinland and complies with EN 14604:2005 and EN14604 2005/AC:2008 standards.
- This device is equipped with a sealed 10-year lithium battery. The battery is not replaceable.
- Do not paint the smoke detector. Painting may interfere with the sensor's ability to detect smoke.
- Ensure the detector is installed in an area where temperatures remain between 0°C and 40°C. Avoid extreme temperatures.
- Regularly test the smoke detector as described in the 'Operation' section.
- In case of an alarm, evacuate the premises immediately and contact emergency services.

3. PRODUCT FEATURES

- **10-Year Battery Life:** Integrated sealed lithium battery provides power for 10 years, eliminating the need for frequent battery changes.
- **Photoelectric Sensor:** Utilizes photoelectric technology for sensitive smoke detection, reducing false alarms from cooking fumes.
- **Loud Alarm:** Emits an 85 dB alarm signal to ensure early warning, even during sleep.
- **Test/Mute Button:** Allows for easy testing of the alarm function and silencing of false alarms.
- **Automatic Self-Test:** The device performs an automatic self-test every 50 seconds, indicated by a

subtle LED flash.

- **Low Battery Warning:** A 'DI' sound and a red LED flash every 50 seconds indicate a low battery, signaling the need for detector replacement.
- **Insect Protection:** Features a 0.6mm steel mesh to prevent insects from entering and causing false alarms or damage.
- **Durable Construction:** Made from flame-retardant ABS material for enhanced safety and longevity.

Rauchmelder 10 Jahre Batterie – Wartungsfrei & Zuverlässig

Fest integrierte Lithiumbatterie – kein Batteriewechsel nötig für die gesamte Lebensdauer.



10 Jahre Power

Ohne Batteriewechsel



Stabil bei Temperatur

-20 °C bis +70 °C



Energiesparendes Design

Minimaler Verbrauch



Sensor = Batterie

Lebensdauer synchron



Versiegelt & Warnung

Automatische End-of-Life-Meldung

Image: Overview of DAYTECH Smoke Detector features, including 10-year power, stable temperature operation, energy-saving design, synchronized sensor/battery lifespan, and sealed unit with end-of-life warning.

TÜV Rheinland zertifiziert – Geprüfte Sicherheit & Qualität



10 Jahre
Batterie

85 dB

Lauter Alarm



Image: DAYTECH Smoke Detector on a wall in a living room with a family, highlighting TÜV Rheinland certification, 10-year battery, and 85dB alarm volume.

Insektenschutz mit 0,6mm Stahlnetz – verlängert die Lebensdauer des Rauchmelders auf 10 Jahre



Effektiver Schutz vor Insekten für einen zuverlässigen rauchmelder mit magnethalterung – ideal für den langlebigen Einsatz ohne Wartungsaufwand

Image: Diagram illustrating the 0.6mm steel mesh insect protection layer within the DAYTECH Smoke Detector, designed to extend its lifespan.

Zuverlässiger Brandmelder – Hartes Gehäuse & Auto-Test

Flammhemmendes ABS-Gehäuse · Automatischer Selbsttest alle 50 Sekunden



Image: Comparison showing the DAYTECH Smoke Detector's flame-retardant ABS material resisting fire, contrasted with a non-resistant material melting, emphasizing its robust housing and auto-test function.

4. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present:

- DAYTECH AJ-762 Smoke Detector Unit(s)
- Mounting Plate(s)
- Mounting Screws and Wall Plugs
- 3M Adhesive Mounting Pad(s) (optional magnetic mounting)
- User Manual



Image: Contents of the DAYTECH Smoke Detector package, including two smoke detectors, magnetic mounting plates with 3M adhesive, screws, and the user manual.

5. INSTALLATION

The DAYTECH AJ-762 Smoke Detector offers two installation methods: screw mounting or magnetic adhesive mounting.

5.1 Choosing a Location

- Install smoke detectors on every level of your home, including basements and attics.
- Place detectors inside each bedroom and outside every sleeping area.
- Mount on the ceiling in the center of the room or hallway. If ceiling mounting is not possible, mount on a wall, 10-30 cm (4-12 inches) from the ceiling.
- Avoid placing detectors near windows, doors, or air vents where drafts could interfere with smoke detection.
- Keep detectors away from kitchens, bathrooms, and garages to prevent false alarms from cooking fumes, steam, or exhaust.

5.2 Magnetic Adhesive Mounting (Recommended for easy installation)

1. Clean the ceiling or wall surface where the detector will be installed. Ensure it is dry and free of dust or grease.
2. Peel off the protective film from one side of the 3M adhesive pad and attach it firmly to the back of the magnetic mounting plate.
3. Peel off the protective film from the other side of the 3M adhesive pad and press the magnetic mounting plate firmly onto the chosen ceiling or wall location for at least 30 seconds.
4. Align the smoke detector with the magnetic mounting plate and attach it. The magnets will hold the detector securely in place.

5.3 Screw Mounting

1. Choose a suitable location on the ceiling or wall.
2. Use the mounting plate as a template to mark the positions for drilling two holes.
3. Drill the holes and insert the wall plugs.
4. Secure the mounting plate to the ceiling/wall using the provided screws.
5. Align the smoke detector with the mounting plate and twist it clockwise until it clicks into place.

Rauchmelder mit Magnethalterung – Schnelle & Feste Montage

Mit 3M-Klebeband – werkzeuglos, in Sekunden montiert, ideal für Mietwohnungen
(inkl. Schrauben für klassische Montage)



2x Extrem Starke Magnete

Maximale Magnetkraft



Image: Step-by-step guide for magnetic mounting of the DAYTECH Smoke Detector, showing adhesive application, plate attachment to ceiling, and detector placement.

6. OPERATION

6.1 Initial Activation

The smoke detector is active once installed. The integrated battery is designed for 10 years of operation. A small LED indicator will flash approximately every 50 seconds to confirm the unit is functioning correctly.

6.2 Testing the Alarm

It is recommended to test your smoke detector weekly to ensure proper functionality.

- Press and hold the large central test/mute button on the detector for a few seconds.
- The alarm will sound loudly (85 dB) and the LED will flash rapidly.
- Release the button to stop the alarm. If the alarm does not sound, refer to the Troubleshooting section.



Image: A hand pressing the central test button on the DAYTECH Smoke Detector, illustrating the easy operation for testing or muting the alarm.

6.3 Muting False Alarms

In case of a non-emergency alarm (e.g., from cooking fumes), you can temporarily silence the alarm:

- Press the central test/mute button once.
- The alarm will be silenced for approximately 10 minutes. The LED will continue to flash every 10 seconds during this period.
- After the mute period, if smoke is still detected, the alarm will reactivate.

6.4 Low Battery Warning

When the battery is nearing the end of its 10-year life, the detector will emit a 'DI' sound and a red LED will flash every 50 seconds. This indicates that the detector needs to be replaced.

7. MAINTENANCE

7.1 Cleaning

Dust and debris can affect the performance of your smoke detector. Clean it regularly:

- Gently vacuum the exterior of the detector using a soft brush attachment.
- Wipe the surface with a slightly damp cloth. Do not use cleaning sprays or solvents.
- Clean at least once a month, or more frequently if dust accumulates quickly.

7.2 Battery Replacement

The DAYTECH AJ-762 Smoke Detector features a sealed 10-year battery that is not user-replaceable. When the low battery warning sounds, the entire unit must be replaced.

7.3 Detector Replacement

Smoke detectors have a limited lifespan. It is recommended to replace your DAYTECH AJ-762 Smoke Detector every 10 years from the date of manufacture or installation, even if it appears to be functioning correctly.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Detector does not alarm during test.	Unit is faulty or battery is depleted.	Ensure the unit is properly activated. If not, replace the detector.
Frequent false alarms.	Improper placement (near kitchen, bathroom, vents) or dust accumulation.	Relocate the detector to a more suitable area. Clean the detector as per maintenance instructions. Use the mute function for temporary non-emergency alarms.
Detector chirps or flashes red LED every 50 seconds.	Low battery warning.	The 10-year battery is depleted. Replace the entire smoke detector unit.




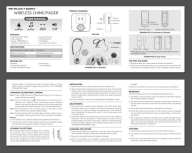

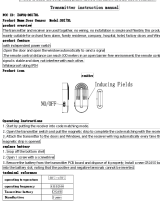
Problem	Possible Cause	Solution
Alarm sounds continuously without visible smoke.	Dust, insects, or high humidity.	Clean the detector. If the problem persists, consider relocating or replacing the unit.

9. SPECIFICATIONS

Feature	Specification
Model Number	AJ-762
Dimensions (L x W x H)	11 x 11 x 4 cm (4.33 x 4.33 x 1.57 inches)
Weight	209.98 Grams
Power Source	10-Year Sealed Lithium Battery (1 C-type included)
Alarm Volume	85 dB at 3 meters
Sensor Type	Photoelectric
Operating Temperature	0°C to 40°C (32°F to 104°F)
Certifications	TÜV Rheinland, EN 14604:2005, EN14604 2005/AC:2008
Material	Flame-retardant ABS

10. WARRANTY AND SUPPORT

The DAYTECH AJ-762 Smoke Detector comes with a 10-year warranty, ensuring reliable performance and peace of mind. For any questions, technical support, or warranty claims, please contact DAYTECH customer service through your purchase platform or the official DAYTECH website.

	<p>WT07-US Two Way Radio Operating Instructions</p> <p>Operating instructions for the WT07-US two way radio, covering basic operation, key functions, voice annunciation, low battery warnings, and advanced features like VOX and Scrambler/Compandor.</p>
	<p>Multifunctional Pager Operation Instruction and User Guide</p> <p>Comprehensive user manual for the Multifunctional Pager, detailing its appearance, power-on procedures, pairing with the SOS button, mobile app connectivity (Tuya Smart/Smart Life), app operations including alarm settings and device management, installation guidance, specifications, troubleshooting Q&A, and after-sales service information.</p>
	<p>Wireless Outdoor Siren User Manual - Daytech Electronics</p> <p>User manual for the Daytech Wireless Outdoor Siren with 120dB sound and flash. Includes setup instructions, pairing guide, and technical specifications.</p>
	<p>Daytech Wireless Chime/Pager User Manual - INST-EN-CC01-T-20230214</p> <p>Comprehensive user manual for the Daytech Wireless Chime/Pager (INST-EN-CC01-T-20230214), covering features, specifications, installation, operation, troubleshooting, and maintenance.</p>
	<p>BT-DB19 Transmitter Operating Manual</p> <p>This manual provides operating instructions for the BT-DB19 Transmitter, including product overview, features, technical specifications, and battery replacement.</p>
	<p>DS17BL Door Sensor Transmitter Instruction Manual</p> <p>Instruction manual for the DS17BL Door Sensor Transmitter by QUANZHOU DAYTECH ELECTRONICS CO., LTD. Includes product overview, features, operating instructions, battery replacement, and technical specifications.</p>

