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AEGISLINK S500

AEGISLINK S500 Photoelectric Smoke Alarm User Manual

Model: S500

1. INTRODUCTION

This manual provides essential information regarding the installation, operation, and maintenance of your AEGISLINK S500 Photoelectric Smoke Alarm. Please read this manual thoroughly before installation and retain it for future reference. This device is designed to detect smoke and alert occupants to potential fire hazards, contributing to a safer environment.

2. IMPORTANT SAFETY INFORMATION

- **Placement:** Install smoke alarms on every level of your home, inside each bedroom, and outside each sleeping area.
- **Avoid Obstructions:** Ensure the alarm is not obstructed by furniture, curtains, or other objects that could block smoke entry.
- **Maintenance:** Test the alarm weekly and clean it regularly as instructed in this manual.
- **Alarm Response:** If the alarm sounds, evacuate immediately and call emergency services. Do not re-enter the premises until authorities declare it safe.
- **Battery:** The S500 model features a sealed 10-year lithium battery. Do not attempt to replace the battery. The entire unit must be replaced after 10 years of operation.

3. PRODUCT FEATURES

- **10-Year Sealed Battery:** Equipped with a non-replaceable lithium battery designed to last the entire 10-year lifespan of the alarm.
- **Photoelectric Sensor:** Advanced photoelectric technology for reliable smoke detection, particularly effective at detecting slow, smoldering fires.
- **Test/Silence Button:** Allows for easy testing of the alarm's functionality and silencing of nuisance alarms.
- **Self-Test Function:** Automatically checks the sensor, electronics, and battery every 60 seconds to ensure proper operation.

- **Compact Design:** Measures 3.0 x 3.0 x 1.9 inches (78 x 78 x 48 mm), allowing for discreet placement.
- **Wide Coverage:** Detects smoke over an area of 215–430 ft² (20–40 m²).
- **Loud Alarm:** Emits an audible alarm exceeding 85 decibels at 3 meters (10 feet).

10-Year Sealed Lithium Battery



Image: The AEGISLINK S500 smoke alarm highlighting its internal 10-year sealed lithium battery.

215-430 ft² (20-40 m²) Detection Coverage

85 dB Loud Siren



Image: The AEGISLINK S500 smoke alarm showing its detection coverage area and 85 dB siren capability.

4. PACKAGE CONTENTS

The following items are included in your AEGISLINK S500 Smoke Alarm package:

- AEGISLINK S500 Smoke Alarm (Quantity: 6 for 6-Pack)
- Mounting Bracket (Quantity: 6 for 6-Pack)
- 10-Year Sealed Lithium Battery (Pre-installed, Quantity: 6 for 6-Pack)
- Parts Kit (Screws and Wall Plugs)



Image: The AEGISLINK S500 smoke alarm, its packaging, user manual, and mounting hardware.

5. INSTALLATION

Follow these steps to properly install your AEGISLINK S500 Smoke Alarm:

1. **Choose Location:** Select a suitable location on a wall or ceiling, away from corners, vents, and sources of steam or cooking fumes.
2. **Prepare Mounting Bracket:** Use the mounting bracket as a template to mark two drill holes on the wall or ceiling.

3. **Drill Holes:** Drill holes at the marked positions. Insert the wall plugs if installing into drywall or plaster.
4. **Attach Bracket:** Secure the mounting bracket to the wall or ceiling using the provided screws.
5. **Mount Alarm:** Align the smoke alarm with the mounting bracket and twist it clockwise until it clicks securely into place.
6. **Test Alarm:** Press the Test/Silence button to ensure the alarm is functioning correctly after installation.



Image: A hand demonstrating the compact size of the AEGISLINK S500 smoke alarm and its easy installation onto a ceiling bracket.

6. OPERATION

Testing the Alarm

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

- Press and hold the **Test/Silence** button for a few seconds.
- The alarm will sound a loud siren, and the LED indicator will flash rapidly.
- Release the button. The alarm will stop sounding.

Silencing Nuisance Alarms

If a non-emergency situation (e.g., cooking fumes) triggers the alarm, you can temporarily silence it:

- Press the **Test/Silence** button once.
- The alarm will enter a temporary silence mode for approximately 9 minutes. The LED will flash every 5 seconds to indicate it is in silence mode.
- After 9 minutes, if smoke is still present, the alarm will reactivate.

Convenient Test/Silence Button



Image: A close-up of a hand pressing the Test/Silence button on the AEGISLINK S500 smoke alarm.

LED Indicator Status

- **Normal Operation:** LED flashes once every 60 seconds.
- **Alarming:** LED flashes rapidly while the siren sounds.
- **Silence Mode:** LED flashes once every 5 seconds.
- **Low Battery Warning:** LED flashes once every 60 seconds accompanied by a chirp. This indicates the end of the product's life and requires replacement.
- **Malfunction:** LED flashes twice every 40 seconds accompanied by a chirp. This indicates a fault and requires replacement.

7. MAINTENANCE

Cleaning Your Smoke Alarm

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

- Gently vacuum the alarm's cover and vents using a soft brush attachment.
- Do not paint the alarm or use cleaning solvents, as these can damage the sensor.

Battery Life

The AEGISLINK S500 is equipped with a sealed 10-year lithium battery. This battery is designed to power the alarm for its entire operational lifespan. When the battery is low (indicated by a chirp every 60 seconds), the entire unit must be replaced. Do not attempt to replace the internal battery.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Alarm chirps every 60 seconds	Low battery / End of product life	Replace the entire smoke alarm unit.
Alarm chirps twice every 40 seconds	Malfunction	Replace the entire smoke alarm unit.
Alarm sounds frequently without smoke	Nuisance alarm (steam, cooking fumes, dust)	Press the Test/Silence button. Relocate the alarm if false alarms persist due to environmental factors. Clean the alarm.
Alarm does not sound during test	Unit not properly activated or faulty	Ensure the alarm is securely twisted onto its mounting bracket. If still unresponsive, replace the unit.

9. SPECIFICATIONS

Specification	Detail
Model Number	S500
Sensor Type	Photoelectric
Power Source	3V Sealed Lithium Battery (10-year life)
Alarm Volume	>85 dB at 3 meters (10 feet)
Operating Humidity	Up to 95% RH (non-condensing)
Product Dimensions	3.1"D x 3.1"W x 1.9"H (78 x 78 x 48 mm)
Item Weight	0.21 Pounds (approx. 3.36 ounces)
Material	Fire Resistance ABS
Coverage Area	215-430 sq. ft. (20-40 m ²)
Installation Method	Screw-In

10. WARRANTY AND SUPPORT

AEGISLINK provides the following support for your S500 Smoke Alarm:

- **Return Policy:** Includes a 60-day return period.
- **Warranty:** A 5-year warranty covers defects in materials and workmanship.
- **Technical Support:** Lifetime technical support is available.

For warranty claims or technical assistance, please contact AEGISLINK customer service through their official website or the retailer where the product was purchased. Please have your model number (S500) and purchase date available.

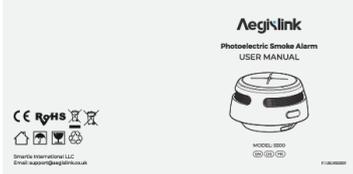
Related Documents - S500

 <p>无线领夹式麦克风</p>	<p>S500 Wireless Lavalier Microphone User Guide</p> <p>User guide for the S500 Wireless Lavalier Microphone, detailing specifications, setup, usage, charging, functions, and tips for optimal audio recording in various applications like teaching and video production.</p>
	<p>Aegislink S500 Photoelectric Smoke Alarm User Manual</p> <p>Comprehensive user manual for the Aegislink S500 Photoelectric Smoke Alarm. Learn about installation, operation, safety features, maintenance, and troubleshooting.</p>
	<p>Aegislink Combination Smoke and Carbon Monoxide Alarm User Manual SC200/SC220/SC240</p> <p>Comprehensive user manual for the Aegislink SC200, SC220, and SC240 combination smoke and carbon monoxide alarms. Includes installation, operation, safety, maintenance, and troubleshooting information.</p>
	<p>AEGISLINK Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm User Manual</p> <p>Comprehensive user manual for the AEGISLINK Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm (Models SC-RF200/SC-RF220). Learn about product features, safety information, setup, interconnection, alarm testing, installation positioning, battery replacement, troubleshooting, and maintenance.</p>
	<p>AEGISLINK Wireless Interlinked Smoke and Carbon Monoxide Alarm User Manual</p> <p>Comprehensive user manual for the AEGISLINK Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm. Covers installation, operation, troubleshooting, and maintenance for models SC-RF200, SC-RF220, and SC-RF240.</p>
	<p>AEGISLINK Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm User Manual</p> <p>This user manual provides detailed information on the installation, operation, and maintenance of the AEGISLINK Wireless Interlinked Combination Smoke and Carbon Monoxide Alarm (Models SC-RF200/SC-RF220). It covers package contents, safety information, product features, setup, interconnection, alarm testing, installation positioning, battery replacement, troubleshooting, and technical specifications.</p>



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Comprehensive user manual for the Aegislink S500 Photoelectric Smoke Alarm. Learn about installation, operation, safety features, maintenance, and troubleshooting.
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