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› Agrieyes AG-W16R Remote Control Beacon Light Instruction Manual

Agrieyes AG-W16R

Agrieyes AG-W16R Remote Control Beacon Light Instruction Manual

Model: AG-W16R

INTRODUCTION

This manual provides instructions for the safe and effective use of the Agrieyes AG-W16R Remote Control Beacon Light. This rechargeable, wireless amber strobe light features magnetic mounting and is designed to enhance visibility and safety for various vehicles and applications, including emergency vehicles, construction trucks, snow plows, tractors, golf carts, and more.



Image: The Agrieyes AG-W16R Remote Control Beacon Light, a compact amber strobe light with a magnetic base.

PRODUCT FEATURES

- **Remote Control:** Features a wireless remote with an effective range of up to 30 meters for convenient operation.
- **Multiple Flash Modes:** Offers 7 distinct flash modes, easily switchable via the remote or the unit's button.
- **High Visibility:** Equipped with 30 high-intensity LED chips providing 360-degree coverage for maximum light output and visibility in various weather conditions.
- **Rechargeable Battery:** Includes overcharge, overdischarge, and overtemperature protection, providing up to 6.5 hours of use on a 4-hour charge.
- **Durable Construction:** Made from durable ABS material with a crystal-clear PC mask, rated IP67 waterproof, and designed for a 50,000-hour lifespan.
- **Enhanced Magnetic Base:** Features 6 magnetic pods with protective rubber feet for secure mounting on any exterior metal surface, capable of withstanding speeds up to 60 mph.
- **Certifications:** Compliant with EMC R10, ECE R65, and SAE J845 certifications.

7 FLASHING MODES



COMPACT SIZE HIGHER BRIGHTNESS

USE 30 HIGH-INTENSITY LEOS THAT CAN BE SEEN FOR MILES.

RECHARGEABLE AND REMOTE CONTROL MINI BEACON.

OVERDISCHARGE PROTECTION

Image: Illustration highlighting the 7 flashing modes, 360-degree visibility, compact size, and high brightness of the beacon light.

BRIGHTER AND LONGER LIFESPAN



Rechargeable



PC Visor Anti-glare



Remote Control



Higher Brightness
LED



Magnetic + Suction
Cup Base Mounting



Aluminum
Heat Sink

ALUMINUM CASE FOR BETTER HEAT DISSIPATION

Image: Visual representation of the beacon light's key features including its rechargeable nature, PC visor, remote control, high brightness LED, magnetic + suction cup base, and aluminum heat sink.

SETUP

1. Charging the Beacon Light

Before initial use, fully charge the beacon light. A full charge takes approximately 4 hours and provides up to 6.5 hours of operation. Ensure the input voltage for charging is 12V or 24V.



Image: Close-up of the charging port on the Agrieyes beacon light, showing the input jack.

2. Mounting the Beacon Light

The beacon light features an enhanced magnetic base for secure attachment. It includes 6 magnetic pods with protective rubber feet to prevent scratching vehicle surfaces. Mount the light on any exterior metal surface. The magnetic base is designed to remain secure at driving speeds up to 60 mph.



Image: Underside view of the Agrieyes beacon light, showing its magnetic base with protective rubber feet.

3. Remote Control Pairing

To pair the remote control with the beacon light:

1. Press the switch on the light. Within 1 second, press and hold the switch until the green indicator light flashes.
2. While the green indicator light is flashing, press the On/Off button on the remote control to initiate pairing.
3. Once paired, you can switch flash patterns and control power using the remote control.

Note: If the remote control is not pressed during the pairing process, the light will return to its working status in 6 seconds.



Image: The remote control for the Agrieyes beacon light, showing its On/Off and Modes buttons.
For a visual guide on remote control pairing, please refer to the video below:

Your browser does not support the video tag.

Video: An instructional video demonstrating how to pair and use the remote control with the Agrieyes AG-W16R Mini LED Beacon Light.

OPERATING INSTRUCTIONS

1. Powering On/Off

The beacon light can be powered on or off using the button on the unit itself or the On/Off button on the remote control. To use the remote control, the light must first be manually turned on at the base. If the light has been off for an extended period, it may require manual activation at the base before the remote control can function.



Image: Close-up of the Agrieyes beacon light showing the power button and indicator light.

2. Changing Flash Modes

The beacon light offers 7 different flash modes. These modes can be cycled through by pressing the 'Modes' button on the remote control or by pressing the power/mode button on the beacon light itself.

Observe the various flash patterns in the video below:

Your browser does not support the video tag.

Video: A demonstration of the various flash patterns available on the Agrieyes Rechargeable Magnetic Beacon Strobe Light.

MAINTENANCE

The Agrieyes AG-W16R beacon light is designed for durability and minimal maintenance. It has an IP67 waterproof rating, making it resistant to dust and water immersion up to 1 meter for 30 minutes. The expected lifespan of the LEDs is 50,000 hours.

- **Cleaning:** Wipe the exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the PC mask or ABS housing.
- **Battery Care:** To prolong battery life, avoid completely draining the battery frequently. Recharge the unit when the light output diminishes. Store the unit in a cool, dry place when not in use for extended periods.
- **Inspection:** Periodically check the magnetic base for any debris that might affect its adhesion or scratch vehicle surfaces.

MULTI - PROTECTION

WATERPROOF, DUSTPROOF, QUAKEPROOF AND ANTI-CORROSIVE



IP67

WATERPROOF

Image: The Agrieyes beacon light shown with water splashing, illustrating its waterproof, dustproof, quakeproof, and anti-corrosive multi-protection features and IP67 rating.

TROUBLESHOOTING

If you encounter issues with your Agrieyes AG-W16R beacon light, refer to the following table for common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	Battery is depleted.	Charge the beacon light for 4 hours.

Problem	Possible Cause	Solution
Remote control is unresponsive.	Light was off for too long and entered a deep sleep state; remote lost pairing.	Manually turn on the light using the button on the unit. Re-pair the remote control if necessary (refer to 'Remote Control Pairing' section).
Short operating time after full charge.	Battery degradation or improper charging.	Ensure the light is fully charged using a 12V or 24V source. If the issue persists, contact customer support.
Light falls off vehicle during driving.	Improper mounting or excessive speed.	Ensure the magnetic base is clean and securely attached to a flat metal surface. Avoid exceeding 60 mph with the light mounted.

SPECIFICATIONS

Feature	Detail
Model Number	AG-W16R
Color	Amber
Shape	Round
Material	Acrylonitrile Butadiene Styrene (ABS)
Light Source Type	Light Emitting Diode (LED)
Number of Light Sources	30
Power Source	Battery Powered (Rechargeable, 2 lithium-ion batteries)
Voltage	5 Volts (Input 12-24V for charging)
Wattage	19 Watts
Amperage	1.58 Amps
Mounting Type	Magnetic
Item Dimensions (L x W x H)	5.11"L x 5.12"W x 2.96"H
Special Features	Remote control compatibility, multiple flash modes, high visibility
Certifications Met	SAE J845, ECE R65 TA1, ECE R10, CE & RoHs
Included Components	Light, Manual

WARRANTY INFORMATION

The Agrieyes AG-W16R Remote Control Beacon Light comes with a **1-year manufacturer's warranty**. Please retain your proof of purchase for any warranty claims. For details regarding warranty coverage and claims, refer to

the official Agrieyes website or contact customer support.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding your Agrieyes AG-W16R Remote Control Beacon Light, please visit the official Agrieyes website or contact their customer service department. Contact information can typically be found on the product packaging or the brand's official online presence.