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## AWNLUX W5700CW-14x8WA2004

# AWNLUX Motorized Modular Retractable RV Awning User Manual

Model: W5700CW-14x8WA2004

## 1. INTRODUCTION

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Welcome to your AWNLUX Motorized Modular Retractable RV Awning. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your awning. The AWNLUX RV awning is designed to enhance your outdoor experience with your RV, 5th Wheel, Travel Trailer, Toy Hauler, or Motorhome, providing a comfortable shaded area. It features a built-in motor for convenient extension and retraction, along with a hand crank for manual operation when electricity is unavailable.



This image shows the AWNLUX Motorized Retractable RV Awning fully extended, providing shade for an RV.

## 2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating your awning. Failure to follow these instructions may result in injury or damage to the product.

- Always ensure the awning is fully retracted during strong winds, heavy rain, or snow to prevent damage.
- Keep hands and objects clear of moving parts during extension and retraction.
- Ensure the installation surface on your RV is structurally sound and capable of supporting the awning's weight.
- Do not hang objects from the awning arms or fabric.
- Regularly inspect the awning for any signs of wear, damage, or loose components.
- In case of electrical malfunction, use the emergency hand crank for retraction.

### 3. PACKAGE CONTENTS

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Your AWNLUX Motorized Modular Retractable RV Awning package includes all necessary parts for installation. Please verify that all components are present before beginning assembly:

- Awning Assembly (Fabric Roller, Arms, Motor)
- Mounting Hardware Kit
- Emergency Hand Crank
- Control Switch/Remote (if applicable)
- User Manual

If any parts are missing or damaged, please contact AWNLUX customer support immediately.

### 4. SETUP AND INSTALLATION

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Proper installation is crucial for the performance and longevity of your awning. While the assembly contains all necessary parts, some mechanical aptitude is recommended. A detailed installation video is available on the AWNLUX website for visual guidance.

#### 4.1. Measuring Your Awning Size

Before installation, accurately measure the required awning size for your RV. The awning size is measured from the center of the right arm to the center of the left arm. Ensure that the chosen awning size does not interfere with windows, doors, lights, or other fixtures on your RV.

Enjoy the outdoors in any season  
with Awnlux's Retractable RV Awning,  
designed to fit perfectly with your camper or RV.



This diagram illustrates the correct method for measuring your RV awning size. Measure from the center of the right arm to the center of the left arm. Ensure that the chosen awning size avoids windows, doors, lights, and cabins to prevent interference with daily use.

#### 4.2. Mounting the Awning

Follow the detailed instructions provided in the installation guide included with your product. Key steps typically include:

1. Identify and mark the mounting locations on your RV wall, ensuring they are level and structurally sound.
2. Install the mounting rails securely using appropriate fasteners.
3. Slide the awning into the groove on the wall.
4. Attach the awning arms to the RV wall.
5. Connect the electrical wiring for the motor, ensuring all connections are secure and waterproof.
6. Test the awning's operation to confirm proper functionality.

## 5. OPERATING INSTRUCTIONS

Your AWNLUX RV awning offers both motorized and manual operation for your convenience.

### 5.1. Motorized Operation

The awning features a built-in motor for effortless extension and retraction. Simply use the control switch to operate the awning.

This awning includes a built-in motor to open and close the awning in less than one minute. Simply push a button to expand and retract the awning, or stop the awning at any moment if you don't need full extension.



This image shows the control switch for the motorized awning. Pressing the "OPEN" or "CLOSE" button will extend or retract the awning. The awning can be stopped at any point during its extension or retraction cycle.

- To extend the awning: Press and hold the 'OPEN' button until the awning reaches the desired extension or is fully extended.
- To retract the awning: Press and hold the 'CLOSE' button until the awning is fully retracted.
- To stop the awning at any point: Release the button.

### 5.2. Manual Operation (Emergency Hand Crank)

In the event of a power outage or motor malfunction, you can manually retract or extend the awning using the provided hand crank.



## Emergency Hand Crank

A hand crank is also included to manually operate the awning without electricity.

This image displays the emergency hand crank mechanism. The hand crank allows for manual operation of the awning in situations where electrical power is unavailable.

- Locate the hand crank receiver on the awning motor or roller tube.
- Insert the hand crank into the receiver.
- Turn the crank clockwise to retract the awning or counter-clockwise to extend it.
- Ensure the awning is fully retracted and secured before travel.

## 6. MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your AWNLUX RV awning.

### 6.1. Fabric Care

The awning fabric is made of high-quality 16oz vinyl material, which is waterproof and thermally insulated, offering 95% UV resistance.



This image highlights the key features of the awning fabric: it is waterproof, protecting against rain, and offers 95% UV resistance, shielding from harmful sun rays.



- High quality 16oz vinyl material
- Wind and weather resistant

**Awnlux**<sup>®</sup>

This image illustrates the awning's construction from high-quality 16oz vinyl material, which is designed to be wind and weather resistant, ensuring durability and longevity.

- **Cleaning:** Clean the vinyl fabric regularly with mild soap and water. Use a soft brush or cloth. Rinse thoroughly and allow to air dry completely before retracting.
- **Stain Removal:** For stubborn stains, use a specialized vinyl cleaner, following the product instructions.
- **Mold/Mildew:** To prevent mold and mildew, ensure the awning is dry before retracting for storage. If mold appears, clean with a solution of bleach and water (1 part bleach to 4 parts water), then rinse thoroughly.

## 6.2. Mechanical Components

- **Lubrication:** Periodically lubricate moving parts such as arm joints and the roller tube mechanism with a silicone-based lubricant.
- **Inspection:** Regularly check all bolts, screws, and mounting hardware for tightness. Inspect the fabric for tears or fraying, and the arms for bends or damage.
- **Electrical:** Ensure all electrical connections are clean, secure, and free from corrosion.

## 7. TROUBLESHOOTING

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If you encounter issues with your awning, refer to the following common troubleshooting tips:

Problem	Possible Cause	Solution
Awning does not extend/retract (motorized)	No power, faulty switch, motor issue	Check power supply and connections. Test the switch. Use the emergency hand crank. If issues persist, contact support.
Awning extends/retracts unevenly	Obstruction, misaligned arms, fabric issue	Inspect for obstructions. Check arm alignment. Ensure fabric is properly seated on the roller.
Awning makes unusual noises	Lack of lubrication, loose components	Lubricate moving parts. Tighten any loose bolts or screws.
Water pooling on fabric	Insufficient pitch, fabric sag	Adjust the awning pitch if possible. Ensure fabric is taut. Retract in heavy rain.

If you are unable to resolve an issue using these tips, please contact AWNLUX customer support.

## 8. SPECIFICATIONS

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Feature	Specification
Brand	AWNLUX
Model Number	W5700CW-14x8WA2004
Colour	Ocean Blue
Size	14' (13'2" Fabric)
Fabric Material	16oz Vinyl
Features	Waterproof, 95% UV Resistance, Thermally Insulated
Operation	Motorized with Emergency Hand Crank
Assembly Required	Yes
Item Weight	16 Ounces (Fabric Weight)

## 9. WARRANTY AND SUPPORT

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AWNLUX products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official AWNLUX website. If you require technical assistance, have questions about installation, or need to order replacement parts, please contact AWNLUX customer support through the contact information provided on our website or in your product documentation.

