

## AECOJOY LX

# AECOJOY 13'x8' Manual Retractable Awning User Manual

MODEL: LX

## 1. Introduction

Thank you for choosing the AECOJOY 13'x8' Manual Retractable Awning. This awning is designed to provide effective shade and protection from UV rays for various outdoor spaces, including patios, balconies, courtyards, and commercial establishments. Its robust construction and manual operation offer a reliable and convenient shading solution.

**Important Safety Information:** Building owners should have awnings inspected and maintained regularly to ensure safe and proper operation. Always retract the awning during strong winds, heavy rain, or snow to prevent damage.



Figure 1.1: The AECOJOY 13'x8' Manual Retractable Awning providing shade over a patio area.

## 2. Product Components

The AECOJOY Manual Retractable Awning consists of several key components designed for durability and ease of use. Familiarize yourself with these parts before assembly and operation.

- **Awning Fabric:** Made of 280g polyester with PU coating, offering water resistance, anti-UV properties, and resistance to sun fading.
- **Frame:** Constructed from rust-resistant, powder-coated aluminum for lightweight yet solid structure.
- **Retractable Arms:** Features double strand steel rope for enhanced durability and smooth retraction.
- **Manual Crank Handle:** Used for easy manual extension and retraction of the awning.
- **Mounting Brackets:** Securely attach the awning to the wall.
- **Roller Tube:** The mechanism around which the fabric rolls.
- **Front Bar:** Provides tension and shape to the extended fabric.

# INDOOR OR OUTDOOR USE HOME OR BUSSINESS USE

Ideal for Installation above windows or doors



Figure 2.1: Key components and features of the awning's durable and retractable design.

## 3. Setup and Installation

Assembly is required for this awning. All necessary hardware and a detailed manual are included. It is recommended to have at least two people for installation due to the size and weight of the unit.

### 3.1 Wall Mounting

The awning can be securely installed on various wall types:

- **Reinforced Concrete or Solid Brick Wall:** Use expansion bolts (included) for secure attachment.
- **Wooden Wall:** Use spare wood and drill 0.25 inch holes. Ensure the holes are large enough for the spare wood to fit.



Figure 3.1: Wall mounting options for different wall materials.

Ensure the mounting surface is strong enough to support the awning's weight and the forces exerted during operation and wind.

### 3.2 Recommended Installation Height

The recommended installation height for the awning is between 8 feet and 13 feet from the ground. If mounting above a patio door, ensure at least 8 inches of clearance above the door frame to prevent interference with door operation.



Figure 3.2: Recommended installation height and clearance considerations.

For detailed step-by-step instructions, refer to the assembly manual included in your product packaging.

## 4. Operating the Awning

The AECOJOY awning features a simple manual operation using a crank handle.

### 4.1 Extending and Retracting

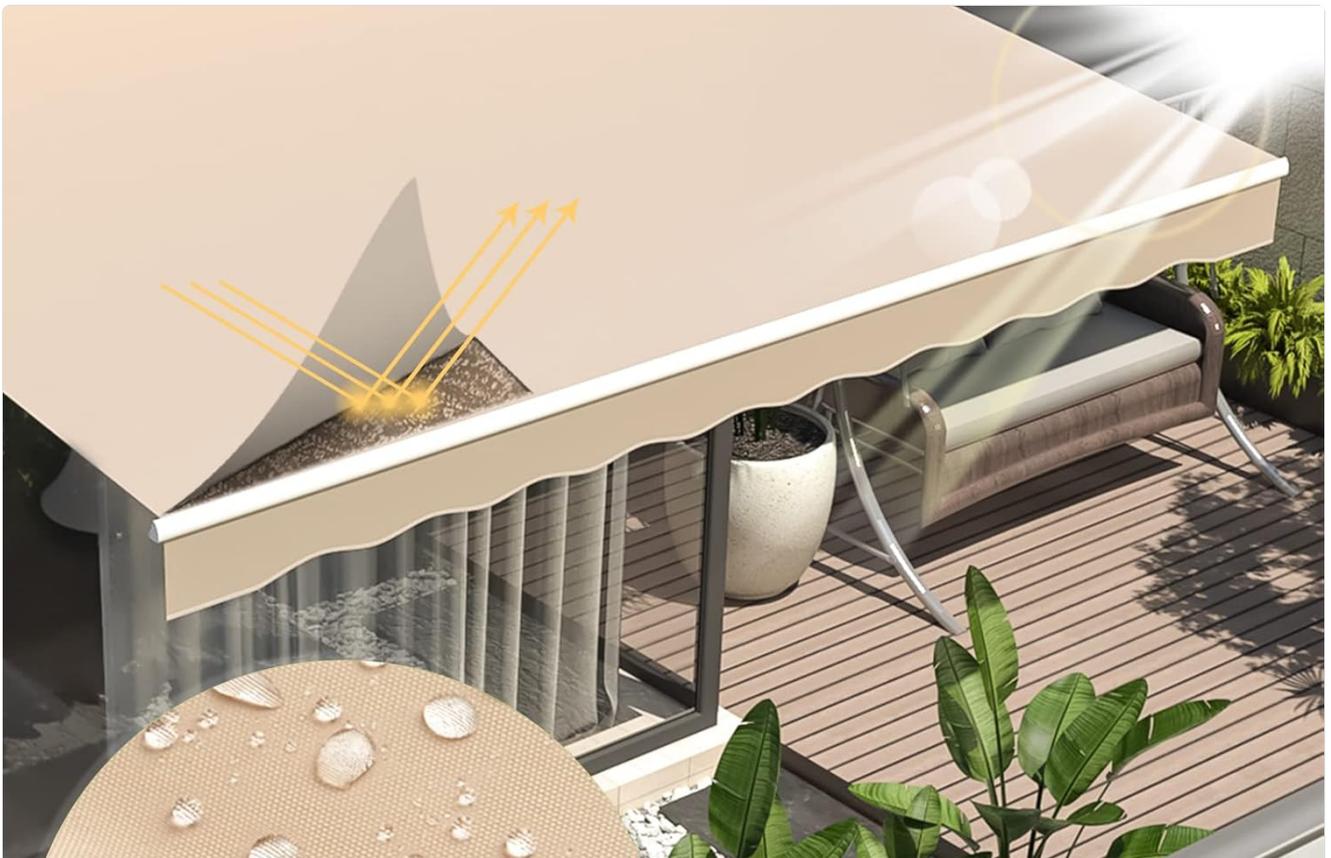
To extend or retract the awning, insert the manual crank handle into the designated loop on the awning mechanism. Turn the handle clockwise to extend the awning and counter-clockwise to retract it. Continue turning until the awning is fully extended or retracted, or to your desired position.



Figure 4.1: Manual operation with the crank handle.

## 4.2 Adjusting the Angle

The awning's pitch or angle can be adjusted between 40 and 90 degrees to optimize shade coverage. This adjustment is typically done by loosening specific bolts on the arm joints, setting the desired angle, and then tightening the bolts securely. Refer to the detailed instructions in your assembly manual for precise adjustment steps.



**280g/m**

**Polyester Fabric**



Rain Protection



Anti-UV



Windproof

Figure 4.2: Awning angle adjustment for optimal shade.

## 5. Maintenance

Regular maintenance will prolong the life and appearance of your AECOJOY awning.

### 5.1 Fabric Care

The awning fabric is made of 280g polyester with PU coating, designed to be water and UV resistant. To clean, gently brush off loose dirt. For tougher stains, use a mild soap and lukewarm water solution. Rinse thoroughly with clean water and allow the fabric to air dry completely before retracting the awning. Avoid using harsh chemicals or abrasive cleaners, as these can damage the fabric's coating.



**Adjustable Angle**

The Awnings 40-90 Angle can be Adjusted Freely

# DURABLE & RETRACTABLE

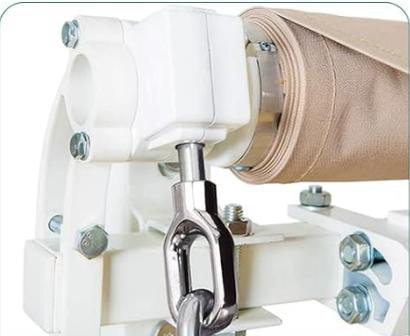
Make it more stable and provide long service life



Enhanced PE Material



Improved Arm-bar Link



Retractable Arms

Figure 5.1: The durable and weather-resistant awning fabric.

### 5.2 Frame and Mechanism Care

The aluminum frame is powder-coated for rust resistance. Periodically inspect the frame, arms, and mounting brackets for any signs of wear, loose bolts, or damage. Tighten any loose fasteners. Lubricate moving parts, such as the arm joints and roller tube mechanism, with a silicone-based spray lubricant annually or as needed to ensure smooth operation.

**Winter Storage:** If you live in an area with harsh winters, consider purchasing an additional cover for the rolled-up canvas to protect it from extreme elements when not in use for extended periods.

## 6. Troubleshooting

Problem	Possible Cause	Solution
Awning does not extend/retract smoothly.	Obstruction in the mechanism; lack of lubrication; misaligned arms.	Check for debris or obstructions. Apply silicone lubricant to moving parts. Inspect arm alignment and adjust if necessary (refer to manual).
Awning sags or appears loose.	Insufficient fabric tension; loose mounting bolts; damaged arms.	Ensure the fabric is properly tensioned. Check and tighten all mounting bolts. Inspect arms for damage and replace if needed.
Awning makes unusual noises during operation.	Dry or worn moving parts; loose components.	Lubricate all moving parts. Check for and tighten any loose bolts or connections.
Awning is damaged by wind.	Awning left extended during strong winds.	Always retract the awning in windy conditions (above 30mph) to prevent damage. Inspect for structural integrity and repair/replace damaged parts.

## 7. Specifications

Feature	Detail
Brand	AECOJOY
Model Number	LX
Size (Width x Projection)	13x8FT (156"W x 96"D)
Overall Product Dimensions (D x W x H)	96"D x 156"W x 59"H
Color	Beige
Material	Aluminum, Steel (Frame); Polyester (Fabric)
Fabric Weight	280 Grams (per square meter)
Operation Mode	Manual
Assembly Required	Yes
Style	Modern

Feature	Detail
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## 8. Warranty and Support

AECOJOY stands behind the quality of its products. For any issues or concerns, please refer to the warranty information provided with your purchase. Generally, products are eligible for a refund or replacement within 30 days of purchase, subject to the seller's policy.

If you encounter any problems during assembly, operation, or maintenance, or if you have questions about your awning, please contact AECOJOY customer service for assistance. Provide your model number (LX) and purchase details when contacting support to expedite the process.

For further assistance, you may visit the official AECOJOY Store on Amazon: [AECOJOY Store](#).

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### Related Documents - LX

	<p><a href="#">LX-410 Pro True Wireless BT Earphones User Manual</a></p> <p>Instructions and technical specifications for the LX-410 Pro True Wireless BT Earphones, including pairing, controls, and FCC compliance information.</p>
	<p><a href="#">LX Lyra Quick Start Guide: Setup, Activation, and Mounting</a></p> <p>Comprehensive guide to setting up, activating, and mounting the LX Lyra tracking device. Includes product overview, installation tips, and FCC compliance information.</p>
	<p><a href="#">LX Variable Speed Pumps Instruction Manual: SHP130-VS, SFP220-VS, SWP390-VS</a></p> <p>Comprehensive instruction manual for LX Variable Speed Pumps, including models SHP130-VS, SFP220-VS, and SWP390-VS. Covers installation, operation, maintenance, troubleshooting, safety warnings, and technical specifications.</p>



[LX Air Blower Manual: Installation, Specifications, and Safety](#)

This manual provides detailed instructions for the LX Air Blower, covering product performance, materials, installation procedures, safety warnings, technical specifications, and configuration options. Essential reading for proper setup and operation of LX spa blowers.



[LX-X9 Bluetooth Earbuds User Manual](#)

This document provides instructions and specifications for the LX-X9 Bluetooth earbuds, covering setup, usage, and troubleshooting. It includes details on pairing, controls, charging, and product features.



[LX TDA Series Whirlpool Bath Pump Installation and Operation Manual](#)

This manual provides essential safety instructions, installation guidelines, operational procedures, and troubleshooting tips for the LX TDA Series Whirlpool Bath Pumps, designed for hydromassage equipment.