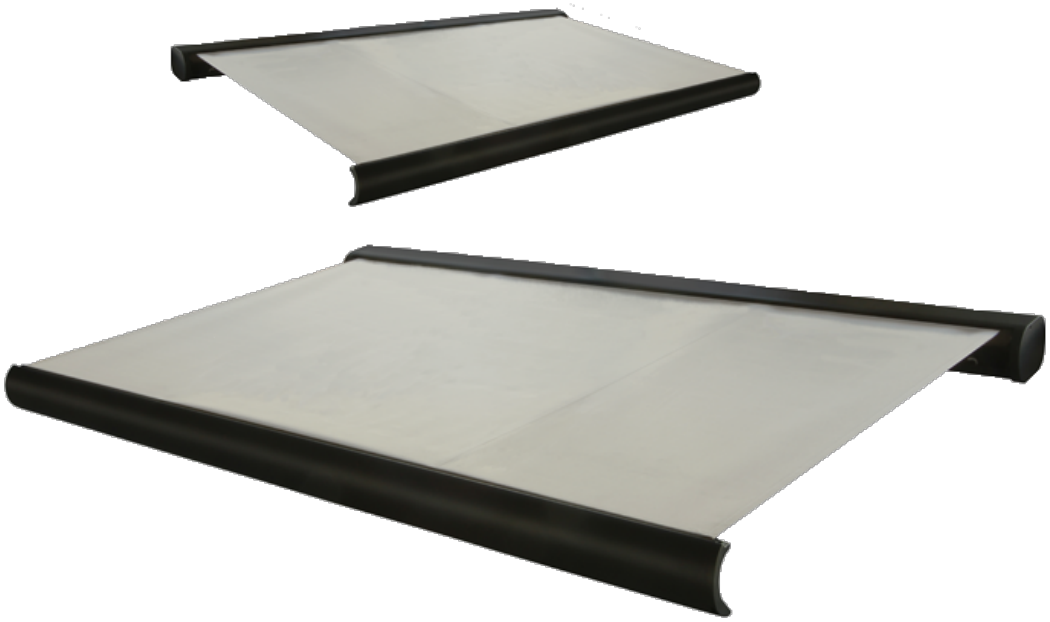
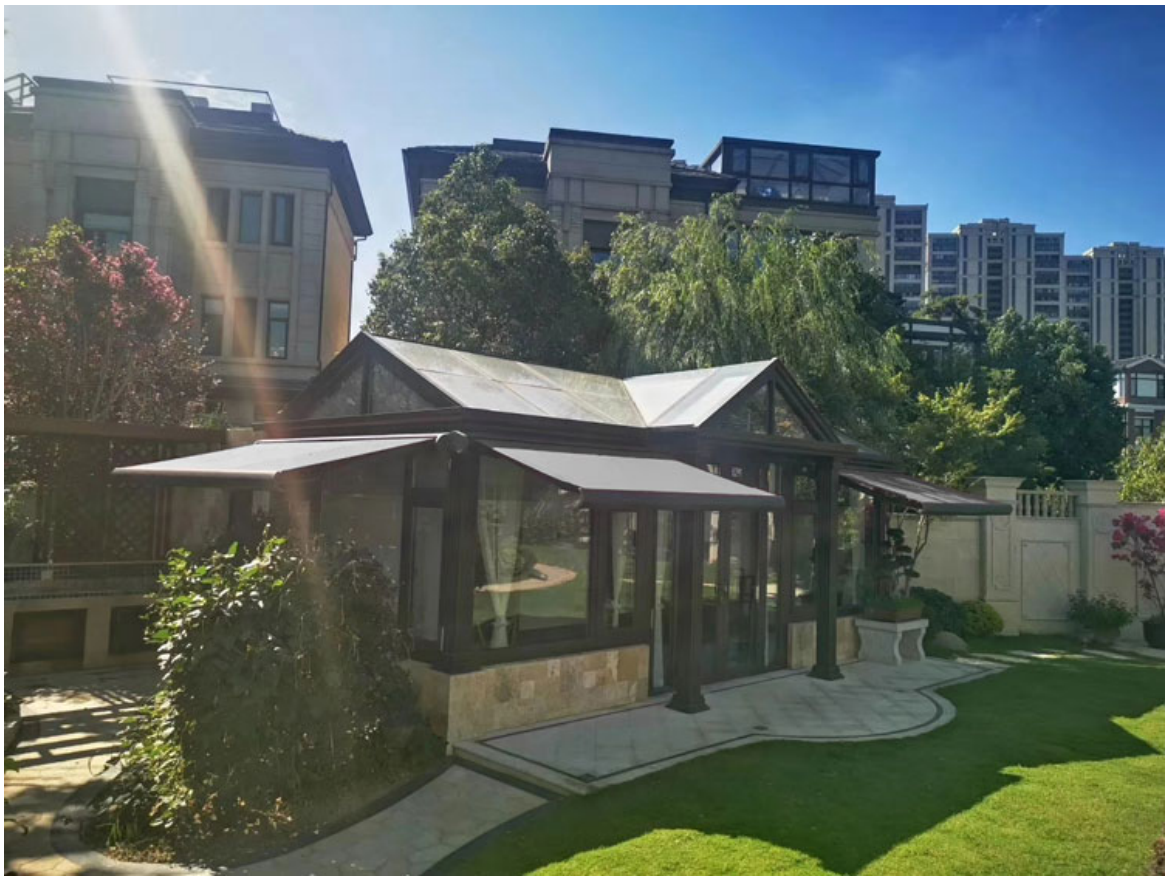
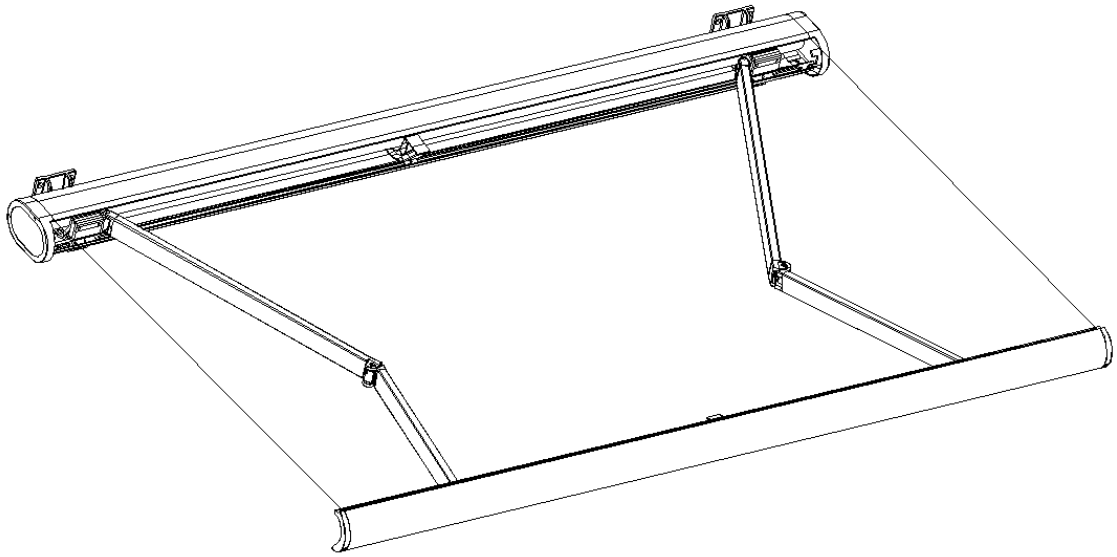
Instruction Manual

Full Cassette Folding Arm Awning





Folding Arm Awning
Installation and Operating Instructions



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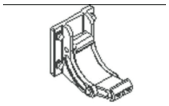
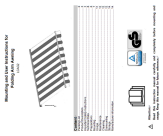
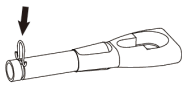


⚠	**Note:** **Before installation and use, please carefully read this manual and keep in a safe place fo future reference.**

Packing List

Before installing and using the awning, please get familiar with this product. If you find missing or defective parts, please do not install, and contact your dealer or agent.

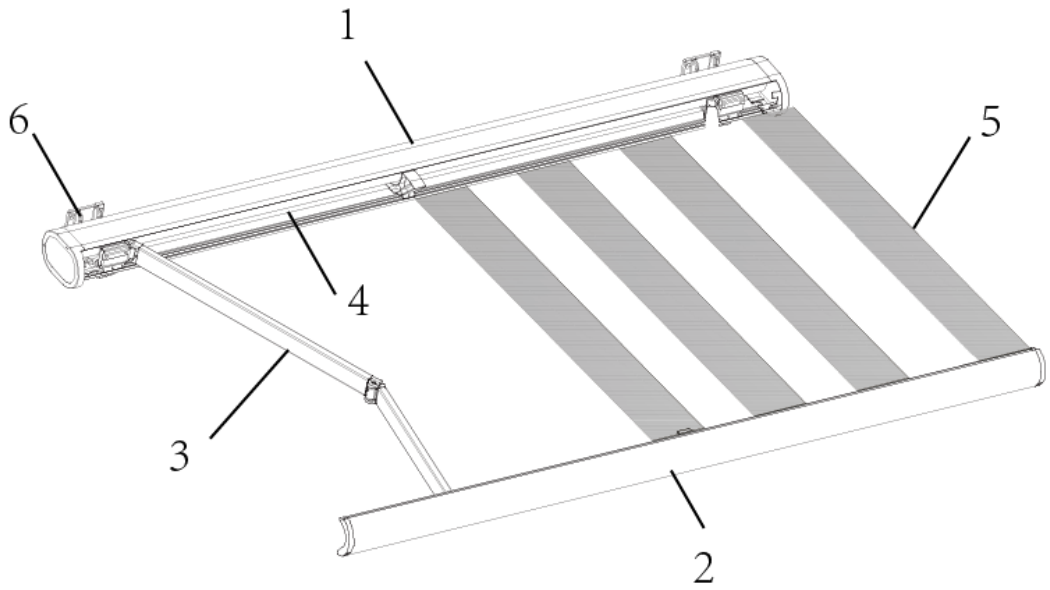
Packing box contains the following parts:

No	Parts	Qty
A	 Awning	1
B	 Wall Bracket	**Awning width (W) Qty** **2≤w≤4m 2** **4.5≤w≤6m 3** **6<W≤7m 4**
C	 Operating manual	1
D	 Motor limit adjusting rod	1
E	 Crank Eye	1
F	Crank Handle	1

G	 Remote control	1

Description of Product

Folding arm awnings are used to create shade, and are not all weather solutions.



1	Awning Cassette	4	Roller
2	Front Bar	5	Awning Fabric
3	Awning Arm	6	Wall Bracket

Safety Instructions

In order to ensure the security of you and others, please be sure to comply with the warnings below.

Symbol explanation:

⚠	**Pay attention to safety; otherwise, it can result serious injury, or serious damage to the awning.**

☞	**Identify important information.**

Important

⚠	Do not modify the awning in any way without consulting the manufacturers or authorised agents.
⚠	The remote control is not suitable for children under 8 years. For use under adult supervision.
⚠	Check the device regularly to see whether there is any sign of damage in cable and spring; if it needs to be repaired or adjusted, please do not use.
⚠	During maintenance (such as cleaning the windows), please disconnect power supply and do not operate the awning.
⚠	When checking or maintaining electrical parts of awning, please disconnect power supply.
⚠	If there is any damage in the power cord or plug, please ask qualified maintenance personnel for replacement.
⚠	**Installation of the awning needs professional technical knowledge. Under the following cases please contact the licensed tradesman for installation.** ♦ **Uncertain installation position.** ♦ **You don't understand the installation manual** ♦ **No installation tools** ♦ **No installation skills.**
⚠	This kind of awning has a larger volume; if the awning falls, it can cause serious injury and damage Do not try to install by yourself.
⚠	During the awning installation always comply with safe work practices. Use safety equipmen when using power tools. Dispose of plastic packaging immediately to avoid suffocation. Restri access to installation area to authorised installation team (via signage / barriers).
⚠	The product and its fixed parts can be only installed on the vertical plane of concrete or brick wall. If the wall/ brick has cracks, please consult professional installation personnel.
⚠	Do not climb onto the awning, or hang anything on the awning.
☞	**In the assembly, clean your hands in order to avoid dirty awning fabric and framework.**
☞	Awning will bear external forces (wind, rain), so before starting the assembly, check whether th mounting bracket is strong enough, and take appropriate measures to ensure a stable mountin bracket when necessary.

Technical Data

Item	Technical parameters
Wind resistance	Beaufort scale 5 (38km/h)
Dip angle suggested	14º minimum
Protection level	I
Waterproof protection level	IPX4

Preparation before Installation

1) During the awning installation always comply with safe work practices. Use safety equipment, when using power tools. Dispose of plastic packaging immediately to avoid suffocation. Restrict access to installation area to authorised installation team (via signage / barriers).

Open the outer packing and take out the bubble shield, plastic bags and protective device, and carefully put the awning on one side, so as to avoid scratch, damage or dirt during assembly.

2) Installation tools required:

- ✓ Electric drill 
- ✓ Drill bit 
- ✓ Level 
- ✓ S14, S17, S19 spanner 
- ✓ Expansion bolt 
- ✓ Ladder 
- ✓ Measuring Tape 
- ✓ Chalk or marker 
- ✓ Hammer 

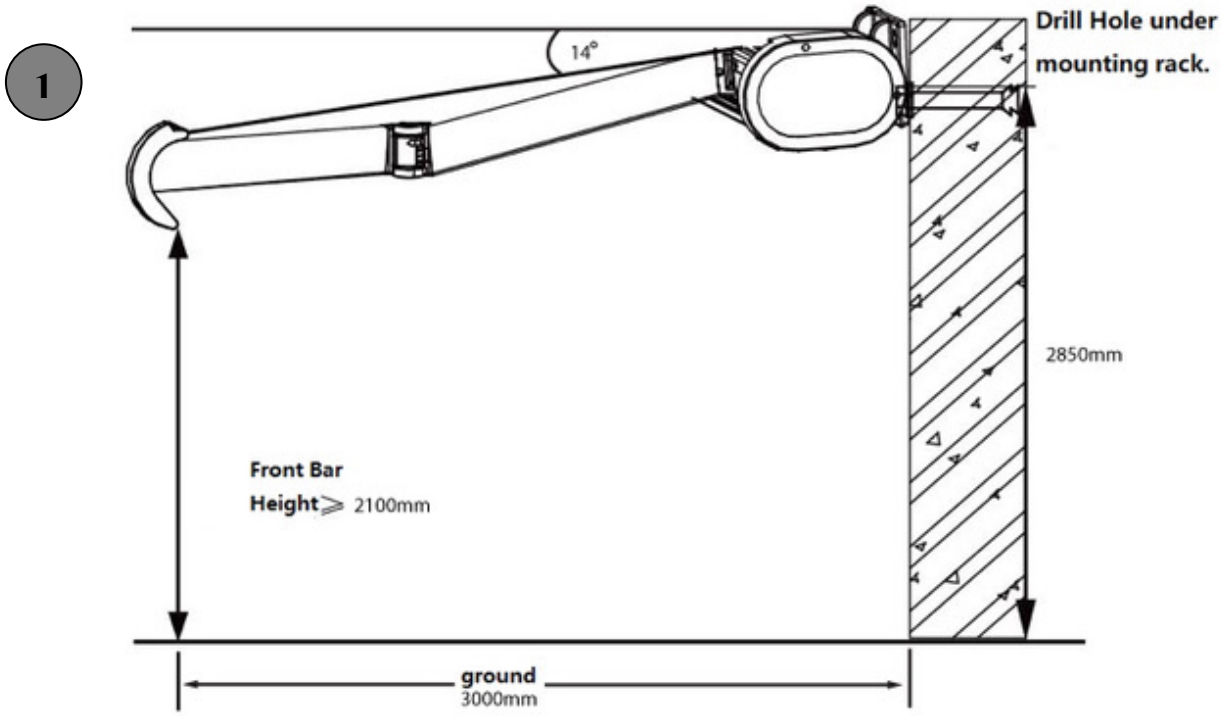
Installation Steps

☞	Three adults with experienced skills are needed in moving and installing the awning. Understand you personal limitations when lifting the heavy awning to avoid injury.
☞	In order to ensure the smooth installation, please confirm the installation position of the awning befor drilling.

Step 1: Select installation Position

When choosing the position, please consider the fall required. The height of the front bar should be a minimum of 2.1m and project out at a 14 degree angle. (14 degrees = 250mm of fall per metre of projection). Eg if you have a 3m projection you will require 750mm of fall.

Figure 1: Wall mounting bracket and awning beam height.



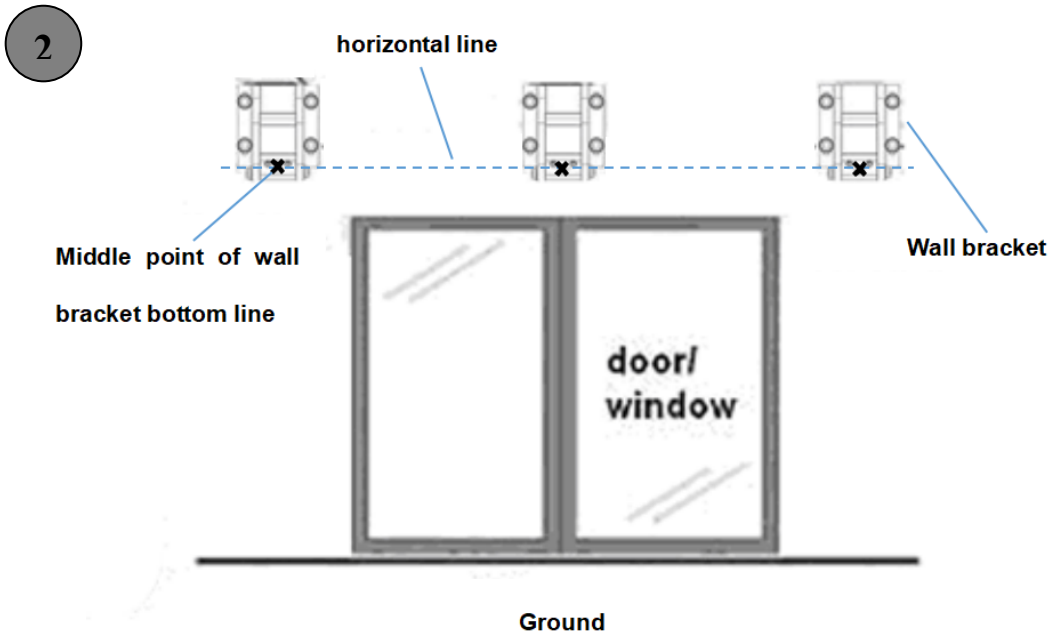
Step 2: Mark the drill hole

1) Confirm the mounting height, drawing a horizontal line on the wall, Marking the two or three brackets position on the line according to the yellow spot distance on the bottom of awning cassette. The marks will be the middle point of bracket bottom line.

2) Put the wall bracket flat on the wall,The bracket bottom line is to coincide with the drawn horizontal line. Make sure marks are middle point of bracket bottom line. Then marking all the bracket holes for drill.

☞	Use the level and chalk line to help horizontal line drawing.

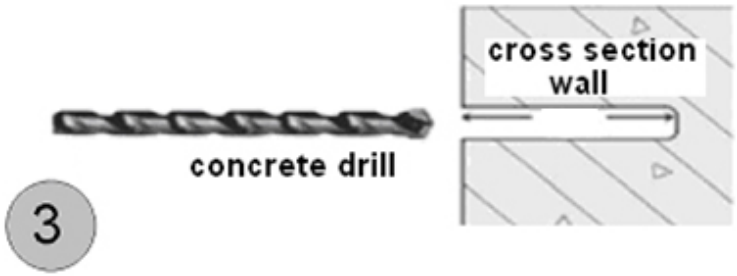
Figure 2: Taking three wall bracket for example;



Step 3: Drilling

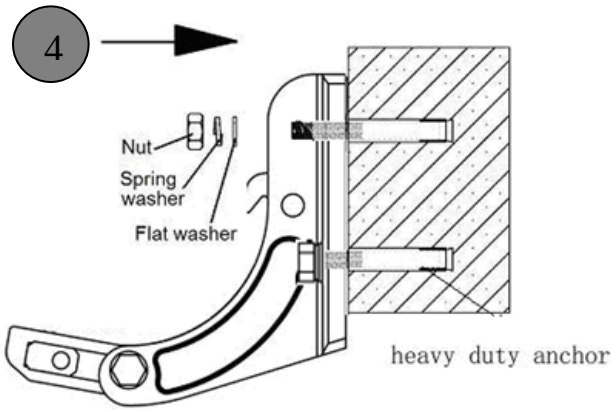
Use percussion drill to drill holes in the wall. The depth of hole refers to the length of expansion bolt, do not drill through the mortar.

Figure 3:



Step 4: Insert the expansion bolt

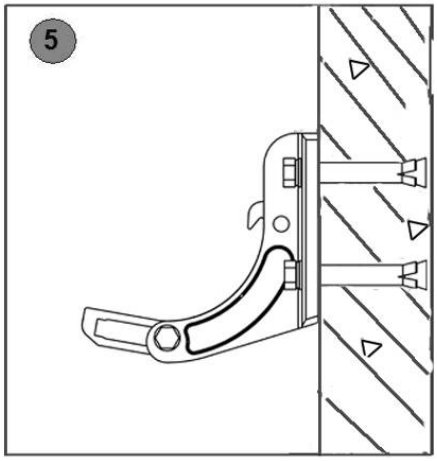
After drilling, clean the hole. Insert the expansion bolt into the hole, and put the nut, spring washer and flat washer aside.



☞	Twist the nut outside the metal edge, and hammer expansion bolt in to the hole.

Step 5: Fix the wall bracket

Figure 5: Fasten the cap nut to fix the bracket; ensure wall bracket is firmly fixed on the wall.



☞ Use a socket wrench to fasten the bolt

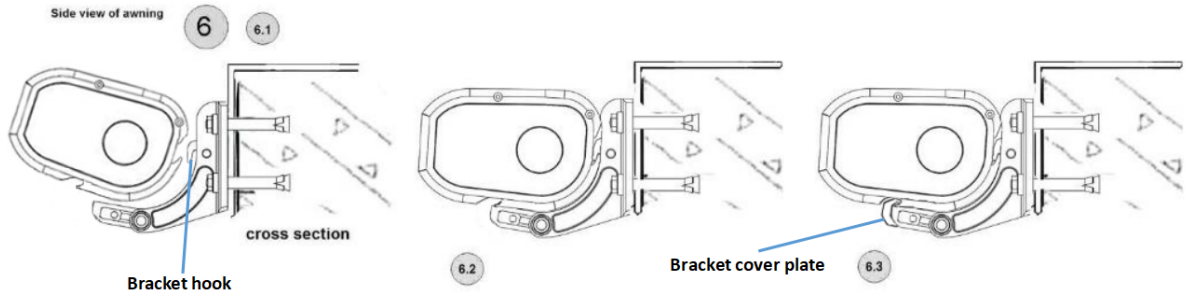
☞ The mounting bracket must be completely fixed on the wall. If there is any form of movement, continue to tighten.

☞ Do not attempt to install mounting bracket to a weak wall. Use the level to ensure the level installation location.

Step 6: Install the awning

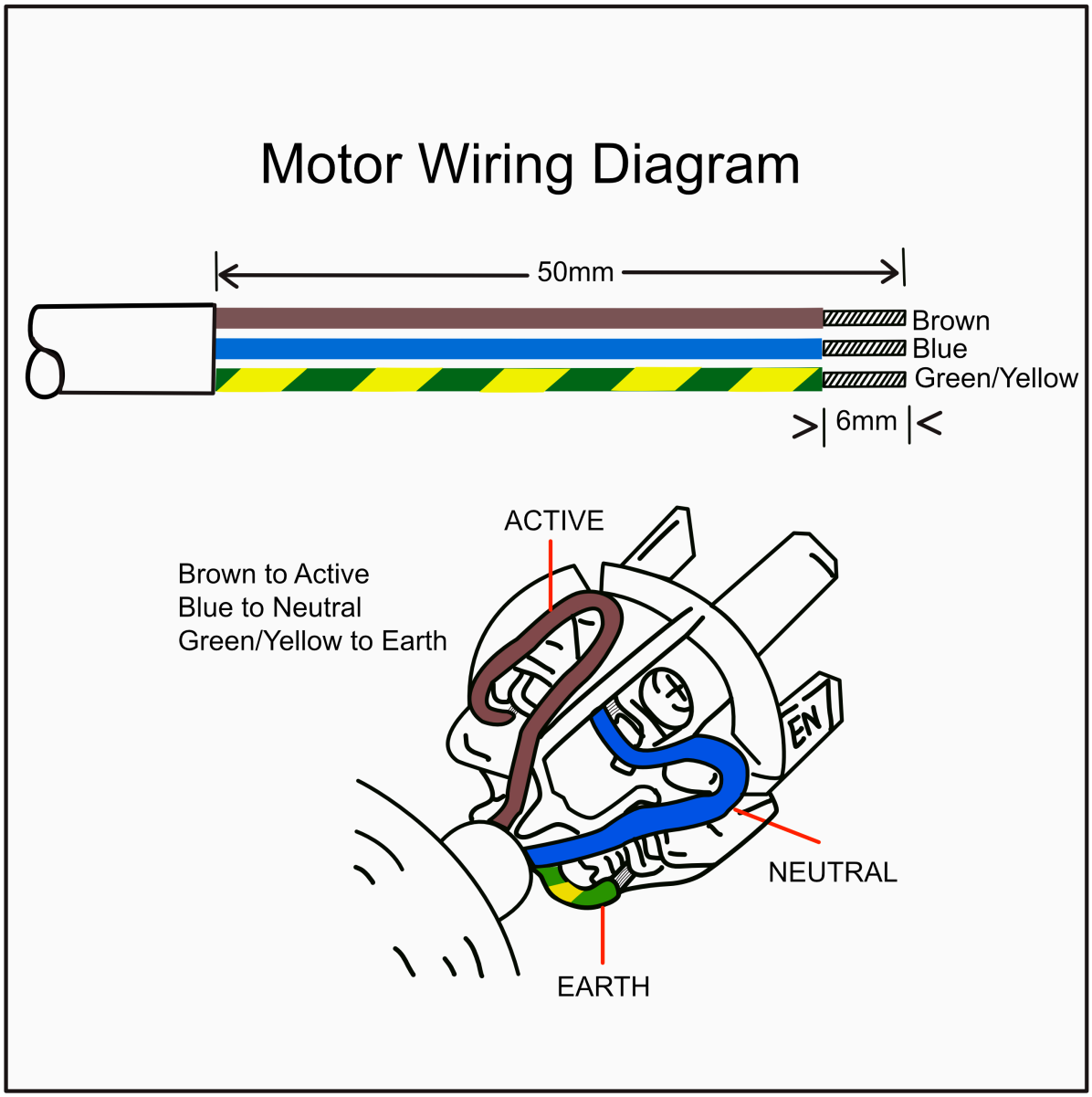
Take down the bracket cover plate before installing awning cassette, make sure all hook of brackets hitch the slot of awning cassette back completely first(Figure 6.1→6.2), then fix bracket cover plate with bolt, flat washer and nut (Figure 6.3). (Bracket cover plate must hitch the slot at the bottom of cassette).

Turn to page 13 for '**Adjust the angle**'



Power Connection

After installing the awning, using a qualified electrician, connect the plug and proceed to plug into a powerpoint.



⚠	The power cord must be connected to the socket with the protection level of IPX4 at least, or electric shock may occur.
⚠	Improper connection may cause severe damage to the control device and motor; before powering or operating the awning, check that the connection is working.

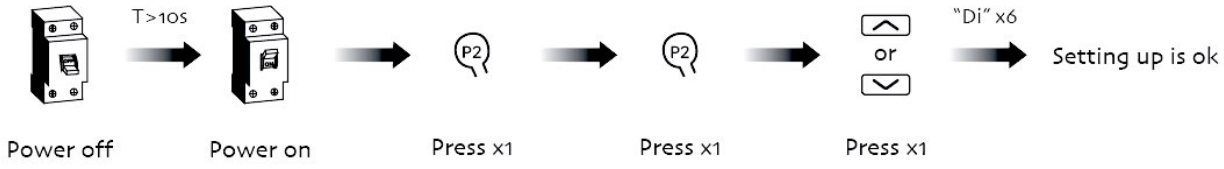
Instructions of Remote Control

1. Instructions of control keys



Note: The remote control has been set up, Do not conduct set up again if the remote control is working well !!!

2. Setting up



Note: Press the up button to control the motor is forward; Press the down button to control the motor is reversed.

3. Troubleshooting

Problem	Reason	Solution
Motor Not Working	A. Flat Battery in remote B. Broken Remote C. If you long press the setup button and the motor still doesn't respond there may be an issue with the circuit board or motor.	A. Replace Battery B. Replace Remote C. Contact Agent

Product Adjustment

Adjusting the Awning Angle

The awning angle is set in the factory but the end user is able to adjust the angle between 5° and 30°.

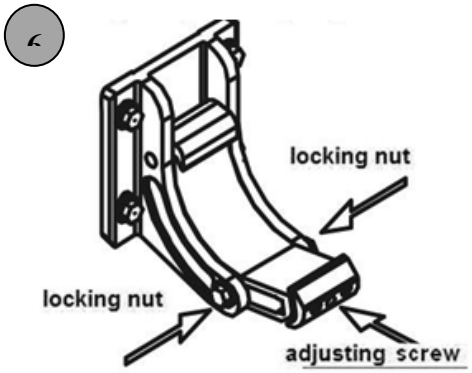
1) Before adjustment, open the awning completely.

2) Use the ring spanner to loosen the lock nut.

3) Rotating adjusting screw clockwise to lower angle or counterclockwise to upper the angle (holding up the beam a bit will make adjustment easier); after reaching the desired angle, fasten the nut.

4) Follow the 3) method to adjust other bracket until the beam is adjusted to desired level, level advice will help a lot.

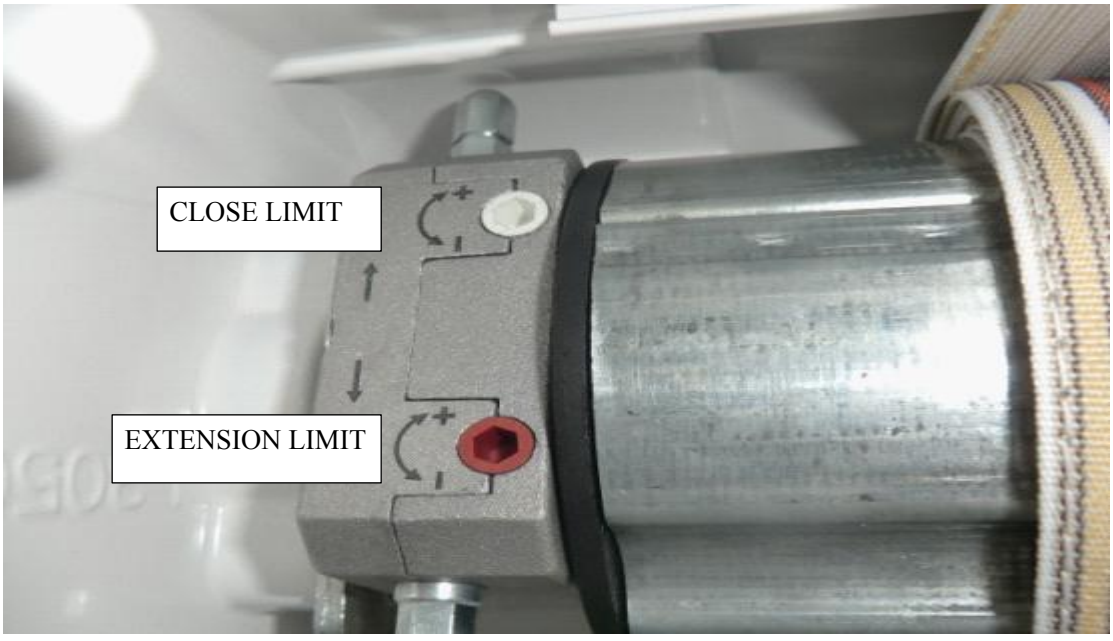
5) Fasten the two sides lock nut of bracket.



⚠	When adjusting the screw till its end position, do not continue to turn as this may damage the awning, cause harm and/or lead to warranty void.

Motor Limit Adjustment

Please note the limits have been set in the factory so there is no need to adjust the limits before use.



Limits on the motor

"↑"---- Close limit

"+" --- Close Cassette more
(e.g. when the cassette isn't quite closing fully)

"-" --- Close Cassette less
(e.g. if the awning fully cassettes and the motor is still running)

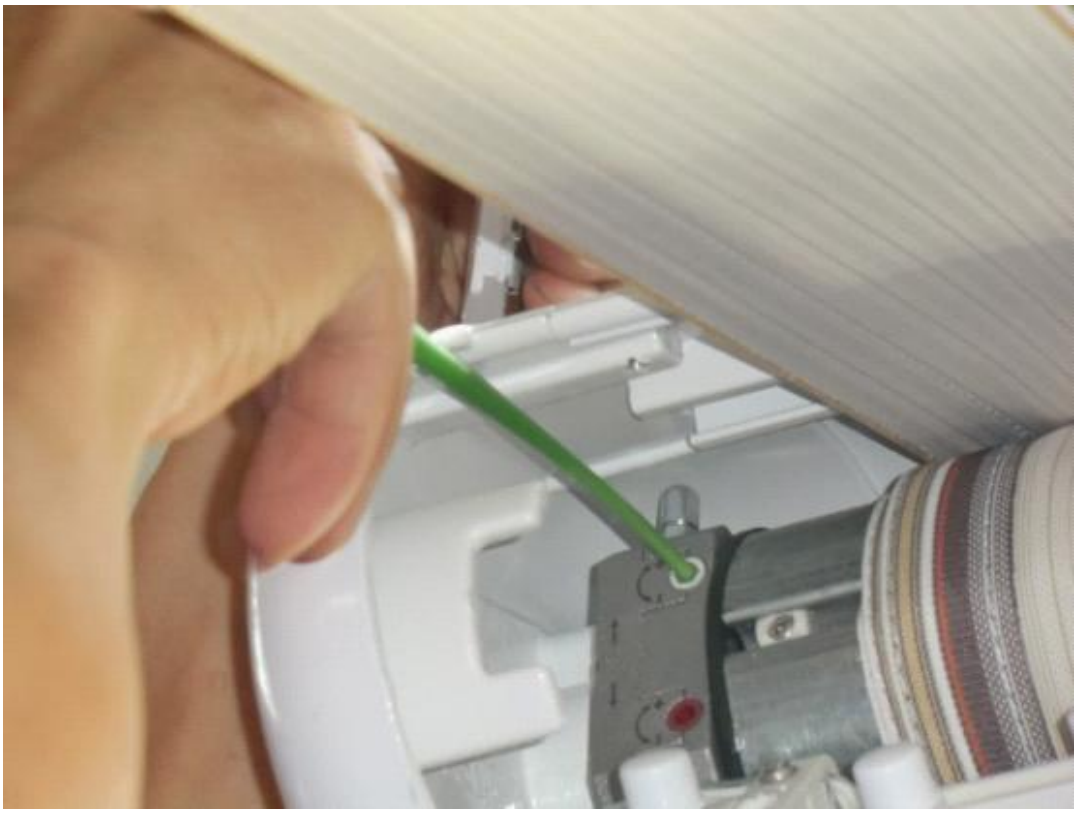
"↓"---- Extension Limit

"+" --- Extend Awning Further
(e.g. if the arms are not fully extended and you want the awning to extend further)

"-" --- Decrease Awning Extension (e.g. you purchased an awning with a 3m projection but you have a tree in the way at 2.9m)

How to change a limit

Step1: Open the awning around 20cm and stop with remote so that there is enough space for limit adjustment.
Step 2: Rotate the Required Limit screw in the direction required.
Step 3: After rotating several rounds, use remote control to open and close the awning to test the new limit.
Step 4: If it is not enough, Repeat Steps 1, 2 & 3 until the limit is as required.



Maintenance

- Regular maintenance can prolong the service life of awning
- Conduct regular inspection. Tighten if loose bolts and nuts are found
- If the awning is damaged or not properly tightened, please immediately stop using the awning
- Regular maintenance to maintain a clean appearance
- Under normal circumstances, the awning does not need lubrication. If there is abnormal noise or hard contraction, please use plastic lubricant, and do not use petroleum-based lubricant
- If problems occur in the process of using, please contact the authorised centre for inspection and maintenance.

Cleaning

Framework cleaning: use a mild spraying cleaner or water/detergent mixture for framework cleaning. Use wet cloth to wipe the dust. Do not use corrosive detergent to clean the residual oil.

Fabric cleaning: use soap or detergent, and rinse throughly with warm water. Chemical detergent is strictly prohibited. Make sure awning is thoroughly dry before retracting. Do not apply heat, such as hair dryer.

Disassembly

- The same as the installation steps; three adults with professional skills are needed; the disassembly is opposite to the installation.
- Before disassembly, fully recover the awning. Bind the crank arm to avoid accident or damage. You can use the guard band to protect the awning.

Storage

- When it is unused for a long time, it is suggested to take the awning out of the mounting bracket, and properly store it.
- Before storage, ensure that the awning fabric is completely dry, so as to prevent mildew.
- Store the awning in a dry and safe place away from children.

Warranty

SHADE SPEC warranty period begins September 2025
• Retractable Awnings – 4 Years
They will be free from defects.

The obligation of Shade Spec to provide replacement parts or components deemed to be faulty excluding shipping charges.

Shade Spec reserve the right to request photographic evidence of the faulty components in question.

WARRANTY and EXCLUSIONS

Awnings are used primarily for sun protection and must be retracted during high winds, heavy rain, or other types of inclement weather. This type of awning is to be retracted during overnight periods and when the homeowner is not on the premises. Do not solely rely on wind /motion sensors to protect awning against wind damage. This type of damage is not covered under this warranty.

We at Shade Spec pride ourselves on quality on all of our products and provide a conditional warranty on all of our products;

Under this conditional warranty, any such defects must be reported within the applicable warranty period as stated above. Shade Spec reserves the right to repair or replace any defective

part of the working mechanism system, provided that the frame and/or its parts have not been abused, misused or installed improperly.

Should the product purchased be discontinued. Shade Spec reserves the right to replace the defective parts with comparable ones currently in use. If any item is replaced due to warranty claim, the warranty is not extended on the repaired or replaced part, but applies to the original warranty period.

Warranty Exclusions:
Shade Spec assumes no liability for damage due to lack of maintenance, misuse or installation not done by Shade Spec. Labour is not covered by the warranty, goods can be returned to base or fees will apply for onsite assessment. Shade Spec assumes no liability for damage to any structure to which the awning is installed or attached, or too property or items located above, below or near the awning. All information provided on the website or Shade Spec personnel is a guide. All due diligence and responsibility lies solely on the owner in regard to their own property, and whether the product bought is suitable for installation. Further, this warranty is void when the awning is sold, serviced or repaired by any unauthorised dealer and /or service outlet.We recommend the use of licensed tradesman.

Labour costs for the removal or reinstallation of awning parts is not covered by this warranty and is the responsibility of the owner. Shade Spec assumes no liability for damage caused by any act of nature including but not limited to hurricanes, gales, tornadoes, snow, sleet, heavy rain, high winds, hail, flooding, weight or loads allowed to accumulate on the awning, fire, similar hazards, vandalism, neglect, improper use or care.

Shade Spec assumes no liability for damage caused installations subject to salt spray or marine influences, industrial or corrosive environments.

This limited warranty does not cover normal wear and tear, dents, scratches or weather; causing soiling/stains from environmental pollution or other sources. Further, this warranty is void when products are used not safely used once installed. Damage or misuse including the failure to follow Shade Spec installation guides and care instructions. Such as damage to the surface of the fabric of textile awning products due to scrubbing or the use of bleaches or detergents, fungal or algal growth due to build up of surface dirt, grime, leaves or bird matter, accumulations of water lying on fabric. Damage caused by reactions with chemical agents, fumes, liquids or solids.Normal wear and tear, normal shrinkage of textile products and other changes which occur normally with passage of time.