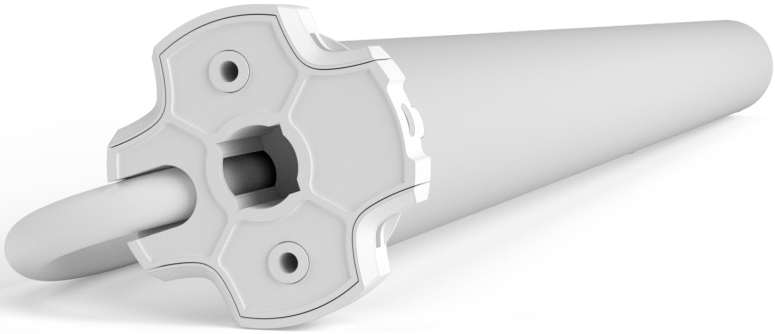
AUTOMATE®

Programming Manual

EL Tubular AC Motor



Electronic Limit

Simplified Setup

Favorite Positioning

Features:

- Electronic Limits
- A/C Line Voltage (available for both 100V-120V)
- “Slim Head” design Reduces Light Gaps
- Quiet Operation
- Adjustable Electronic Limits

MT01-10xx-069001_ProgrammingManual_v1.1_US_NOV-2025

Contents

1. Compliance Statement

FCC & ISED STATEMENT

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1) L'appareil ne doit pas produire de brouillage.

2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Do not dispose of in general waste.
Please recycle batteries and damaged electrical products appropriately.

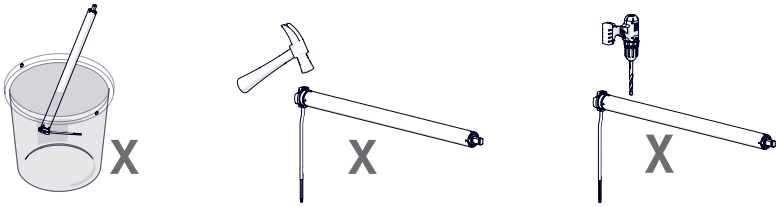
CAN ICES-3(B)/NMB-3(B)

RECOGNIZED COMPONENT
C ETL LISTED US
Intertek
5005833

2. Safety Instructions

WARNING: Important safety instructions to be read before installation.

Incorrect installation can lead to serious injury and will void manufacturer's liability and warranty.



CAUTION

- Do not expose to moisture or extreme temperatures.
- Do not allow children to play with this device.
- Use or modification outside the scope of this instruction manual will void warranty.
- Installation and programming to be performed by a suitably qualified installer.
- For use within tubular blinds.
- Ensure correct crown and drive adaptors are used for the intended system.
- Keep antenna straight and clear from metal objects
- Do not cut the antenna.
- Use only Rollease Acmeda hardware.
- Before installation, remove any unnecessary cords and disable any equipment not needed for powered operation.
- Ensure torque and operating time is compatible with end application.
- Do not expose the motor to water or install in humid or damp environments.
- Motor is to be installed in horizontal application only.
- Do not drill into motor body.
- The routing of cable through walls shall be protected by isolating bushes or grommets.
- Ensure power cable and aerial is clear and protected from moving parts.
- If cable or power connector is damaged do not use.

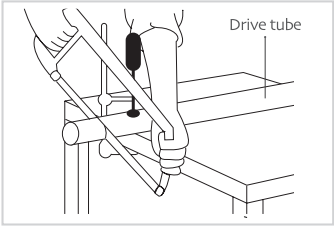
Important safety instructions to be read prior to operation.

- It is important for the safety of persons to follow the enclosed instructions. Save these instructions for future reference.
- Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge should not be allowed to use this product.
- Keep remote controls away from children.
- Frequently inspect for improper operation. Do not use if repair or adjustment is necessary.
- Keep motor away from acid and alkali.
- Do not force the motor drive.
- Keep clear when in operation.

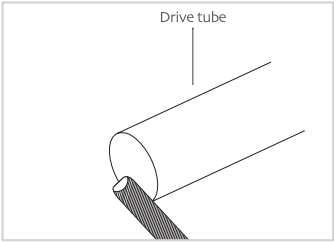
3. Assembly

Please refer to Rollease Acmeda System Assembly Manual for full assembly instructions relevant to the hardware system being used.

Step 1. Cut roller tube to required length.

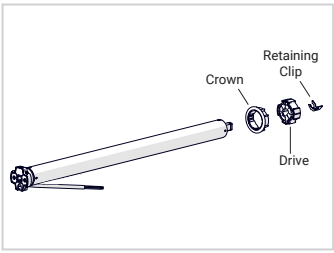


Step 2. Ensure roller tube is clean and free from burrs.



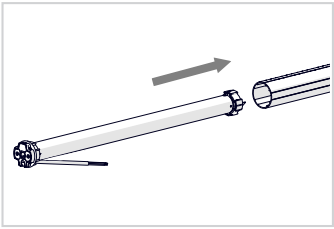
Step 3. Fit required crown, drive and bracket adapters.

Tube must be close fitting with chosen crown and drive adapters. Refer to Rollease Acmeda System Assembly Manual for recommended crown, drive, and bracket adapter kits.



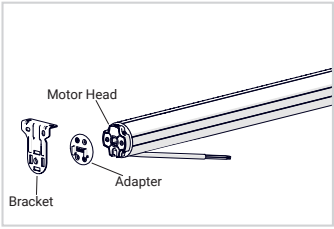
Step 4. Slide Motor into tube.

Insert by aligning keyway in crown and drive wheel to the tube.



Step 5. Mount motorized tube onto brackets.

Refer to Rollease Acmeda System Assembly Manual for recommended crown, drive, and bracket adapter kits.

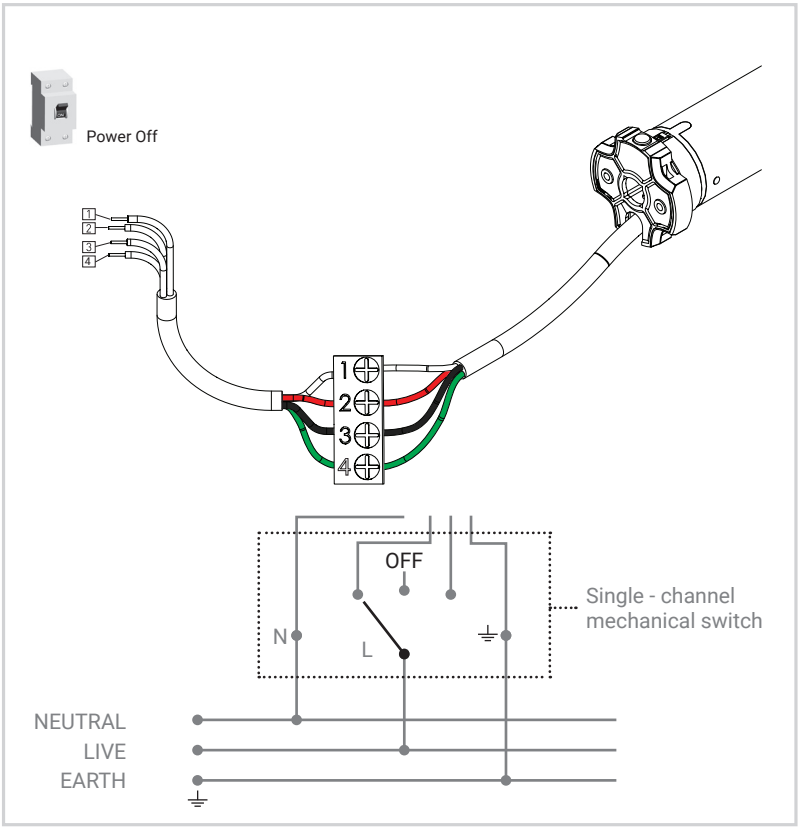


4. Wiring

4.1 Power Options

Cut off the mains power supply.

Connect the motor according to the information in the table below.



Range	Neutral	Live 1	Live 2	Earth
100-120V	White	Red	Black	Green

Ensure cable is kept clear of fabric.

Ensure antenna is kept straight and away from metal objects.

5. P1 Button Functions

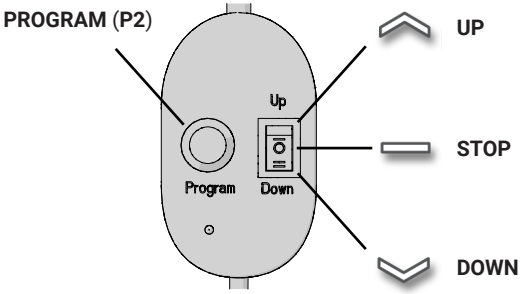
5.1 Motor State Test

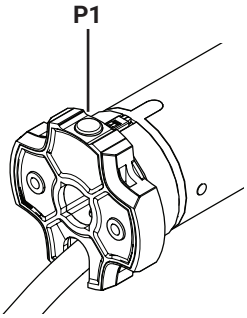
This table describes the function of a short **P1** button press/release (<2 seconds) depending on current motor configuration.

P1 Press	Condition	Function Achieved	Visual Feedback	Audible Feedback	Function Described
Short Press	If limit is NOT set	None	No Action	None	No Action
	If limits are set	Operational control of motor, run to limit. Stop if running	Motor runs	None	Operational control of motor after pairing and limit setting is completed first time
	If motor is in "Sleep Mode" & limits are set	Wake and control	Motor wakes and runs in a direction	None	Motor is restored from Sleep Mode and RF control is active

6. Initial Setup

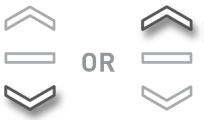
6.1 Button Overview





6.2 Check Motor Direction

To check the shade's travel direction, toggle the switch to the **UP** or **DOWN** position.



Important

Damage to shade may occur when operating motor prior to setting limits. Attention should be given.

7. Setting Limits

7.1 Setting Upper Limit

Step 1 - Toggle the switch **UP** to raise the shade to the desired height.

Step 2 - Move the switch to the **STOP** position once desired height is reached.

Step 3 - Hold the **P2** button, then hold the switch in the **UP** position for 5 seconds until the motor jogs once.

Step 4 - Release the **P2** button immediately after the jog. The motor will jog twice.
(If the motor does not jog twice, it means failure of limit setting)

IMPORTANT

The time interval between pressing the buttons must not exceed 0.5 seconds.

7.2 Setting Lower Limit

Step 1 - Toggle the switch **DOWN** to lower the shade to the desired height.

Step 2 - Move the switch to the **STOP** position once desired height is reached.

Step 3 - Hold the **P2** button, then hold the switch in the **DOWN** position for 5 seconds until the motor jogs once.

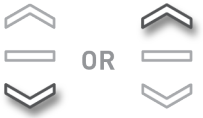
Step 4 - Release the **P2** button immediately after the jog. The motor will jog twice.
(If the motor does not jog twice, it means failure of limit setting)

IMPORTANT

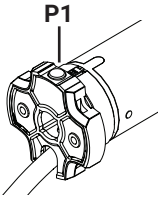
The time interval between pressing the buttons must not exceed 0.5 seconds.

7.3 Setting Limits Using Motor

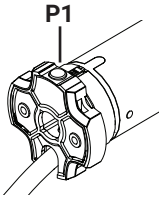
Raise or lower the shade by toggling the switch to **UP** or **DOWN**.



Press and Hold **P1**



Release **P1** once designed limit is reached.



Move the switch to the **STOP** position.

7.4 Reset Motor to Factory Settings

Step 1 - Move the switch to the **STOP** position, ensuring that the motor stops between the limit positions, not at a limit position.

Step 2 - Hold the **P2** button, then hold the switch in either the **DOWN** or **UP** position for 10 seconds until the motor jogs.

Step 3 - Release the **P2** button immediately after the jog. The motor will automatically move a short distance, indicating that both limits have been cleared.

IMPORTANT

The time interval between pressing the buttons must not exceed 0.5 seconds.

8. Troubleshooting

Problem	Cause	Remedy
Motor is not responding.	Power failure due to incorrect wiring connection.	Check the motor power cable and AC plug connection.
The motor doesn't run or starts too slowly or makes loud noise.	Connections are incorrect.	Check connections.
	Incorrect installation or overload.	Check installation or overload.
The motor stops whilst raising or lowering.	The motor has reached the lower limit.	Adjust the lower limit.
	Running time exceeds 4 minutes.	Let the motor cool down for at least 20 minutes.

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