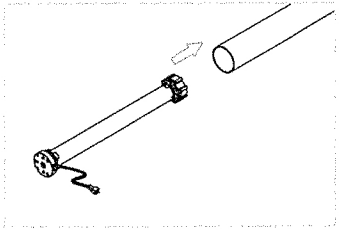
1 ASSEMBLY

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

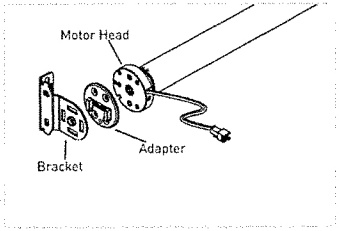
Step 4. Slide Motor into tube.

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.

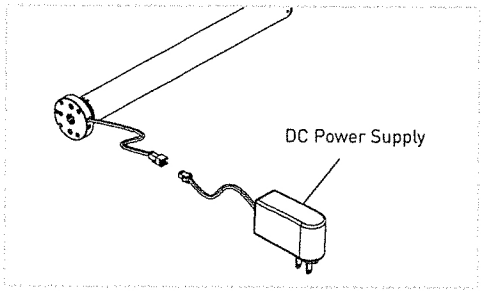


2 WIRING

2.1 Power options

Automate DC motors are powered from a 12V DC power source. AA Battery wands, re-chargeable battery packs and A/C power supplies are available, with a variety of quick connect extension cords. For centralized installations, power supply range can be extended with 18/2 wire (not available through Acmeda Rollease).

- During operation, if voltage drops to less than 10V, the motor will beep 10 times to indicate a power supply issue.
- Motor will stop running when the voltage is lower than 7V and it will resume again when the voltage is greater than 7.5V.



Power Supply	Motor
MTBWAND18-25 Battery Tube for 18/25mm DCRF (no Battery) Mtrs (inc Mt clips)	MTDCRF18-0.2 - 18mm DCRF Motor, .2N/80
	MTDCRF25-1.1 25mm DCRF Motor, 1.1N/40r
MTDCPS-18-25 Power Supply for 18/25-CL/Tilt DCRF (no Bttry) Mtr	MTDCRF18-0.2 - 18mm DCRF Motor, .2N/80
	MTDCRF25-1.1 25mm DCRF Motor, 1.1N/40r
MTDCPS-28-35-45 Power Supply for 28/35/45mm DCRF (no Battery) Mtr 28mm DC ARC	MTDCRFQ28-2 28mm DCRF Quiet Motor, 2N/28r
	MTDCRF35-3 35mm DCRF Motor, 3N/28r
	MTDCRFQ45-3 45mm DCRF Quiet Motor, 3N/28r
	MTDCRF45-10 45mm DCRF Motor, 10N/9r
MTDCKR-28 Rechargeable Wand	MTDCRF18-0.2
	MTDCRF25-1.1
	MTDCRFQ28-2

Extension Cables	Length
MTDC-CBLXT6 DC Battery Motor Cable extender 6" / 155mm	6 inch
MTDC-CBLXT48 DC Battery Motor Cable extender 48" / 1220mm	48 inches
MTDC-CBLXT96 DC Battery Motor Cable extender 96" / 2440mm	96 inches

Ensure cable is kept clear of fabric.

Ensure antenna is kept straight and away from metal objects.

3 P1 BUTTON FUNCTIONS

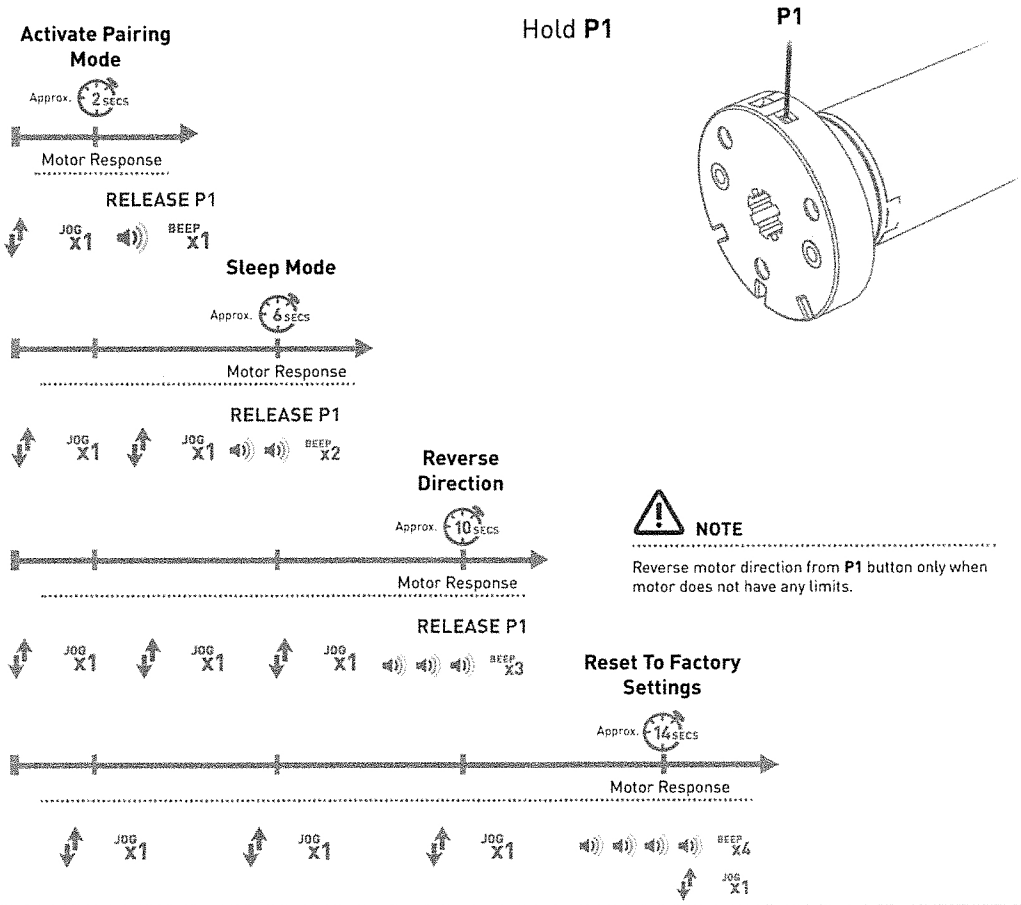
3.1 Motor state test

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

3.2 Motor configuartion options

The **P1** Button is utilized to administer motor configuration as described below and beginning in Section

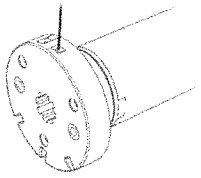


4 INTIAL SET-UP

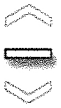
4.1 Pair motor with controller

Select channel on controller.

Hold **P1** button on motor head.



Hold **STOP** on controller.



IMPORTANT

Consult user manual for your controller for information on selecting channel.

Motor Response

JOG X1

RELEASE P1

EXT. BEEP X1

Motor Response

Approx. 2 SECS

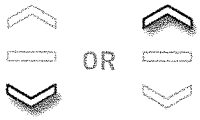
JOG X2

BEEP X3

Motor is now in step mode and ready for setting limits

4.2 Check motor direction

To check travel direction of shade, press **UP** or **DOWN** on controller.



To reverse shade direction, hold both **UP** and **DOWN**.

Until the motor responds.

Quick Press = Step

Long Press = Continuous Travel

Motor Response

Approx. 2 SECS

JOG X1

IMPORTANT

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

IMPORTANT

Reversing motor direction using this method is only possible during initial set-up.

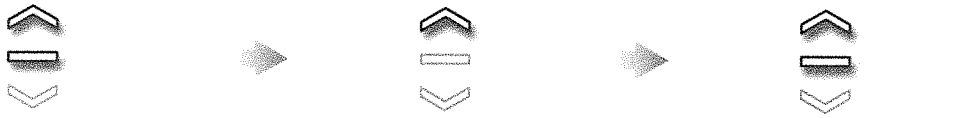
5 ADJUSTING LIMITS

5.1 Adjust upper limit

Hold **UP** and **STOP** on controller.

Move shade to the desired highest position by pressing the **UP** button.

To save upper limit, hold **UP** and **STOP**.



Motor Response

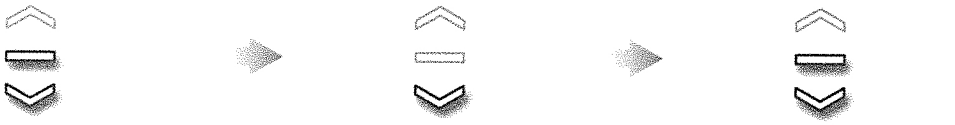
Motor Response

5.2 Adjust lower limit

Hold **DOWN** and **STOP** on controller.

Move shade to the desired lowest position by pressing the **DOWN** button.

To save lower limit, hold **DOWN** and **STOP**.

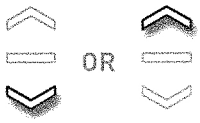


Motor Response

Motor Response

4.3 Set limits

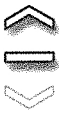
Move shade to the desired highest or lowest position by pressing the **UP** or **DOWN** buttons on controller.



IMPORTANT

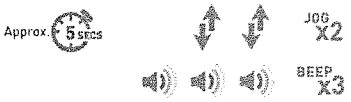
Cycle shade up and down prior to setting limits to settle fabric

To save upper limit, hold **UP** and **STOP**.



To save lower limit, hold **DOWN** and **STOP**.

Motor Response



IMPORTANT

After setting limits, motor will automatically exit from initial set-up mode.

Initial set-up is now complete

5.2 Hide unused channels

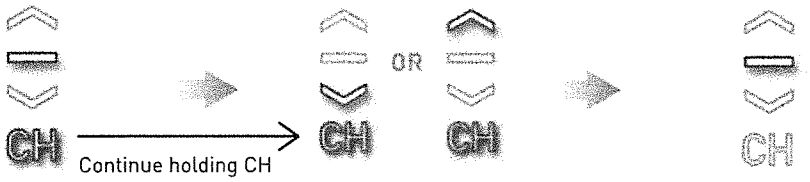
Your multi channel remote can be configured to have anywhere between 1 or 15 visible channels.

Inactive channels will not be visible when scrolling through the CH selection.

Hold **STOP** and **CH**

Continue holding CH and select required channel qty by pressing **UP** or **DOWN**

Press **STOP** to confirm



Response

Channel 15 flashes

Response

Flashing stops

5.3 Disable limit setting function of remote

IMPORTANT

This mode is intended to be used after all shade programming is completed.

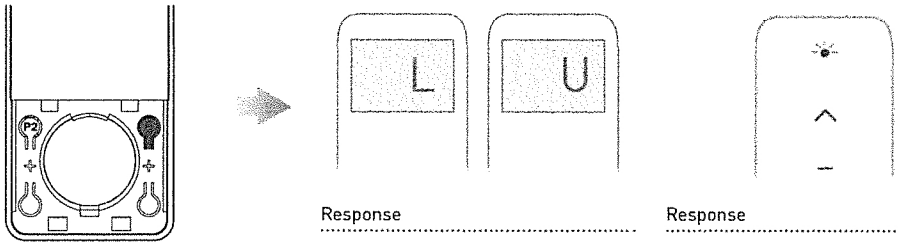
User Mode will prevent accidental or unintended changing of limits.

To switch modes hold right 🔒 button for 5 Seconds

15 CH

1 CH

Pressing the right 🔓 button for 1 second or less will display the current mode



Response

LCD displays "L" when locked

LCD displays "U" when unlocked

Response

LED solid on when locked

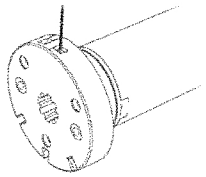
LED blinking when unlocked

It is still possible to add or delete channels and perform **P2** functions, while the lock function is enabled.

6 ADDING OR REMOVING CONTROLLERS AND CHANNELS

6.1 Using motor P1 button

Hold **P1** button on motor head.



Motor Response

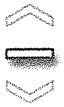
Approx. 2 SECS

JOG X1

RELEASE P1

EXT. BEEP X1

Hold **STOP** on controller to add or remove.



Motor Response

Approx. 2 SECS

JOG X2

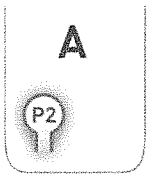
BEEP X3

6.2 Using a pre-existing controller

A= Exisiting controller or channel (to keep)

B= Controller or channel to add or remove

Press **P2** on existing controller.

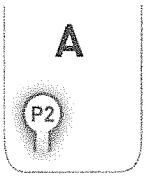


Motor Response

JOG X1

BEEP X1

Press **P2** on existing controller.

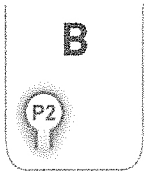


Motor Response

JOG X1

BEEP X1

Press **P2** on new controller.



Motor Response

JOG X2

BEEP X3

IMPORTANT

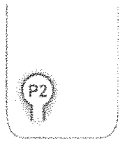
Consult user manual for your controller or sensor.

7 FAVORITE POSITIONING

7.1 Set a favorite position

Move shade to the desired position by pressing the **UP** or **DOWN** button on the controller.

Press **P2** on controller.



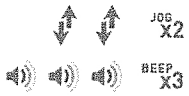
Motor Response

Press **STOP** on controller.

Motor Response

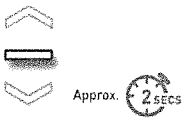
Press **STOP** on controller.

Motor Response



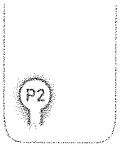
7.2 Send shade to favorite position

Hold **STOP** on controller.

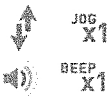


7.3 Delete favorite position

Press **P2** on controller.



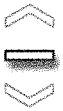
Motor Response



Press **STOP** on controller.

Motor Response

Press **STOP** on controller.



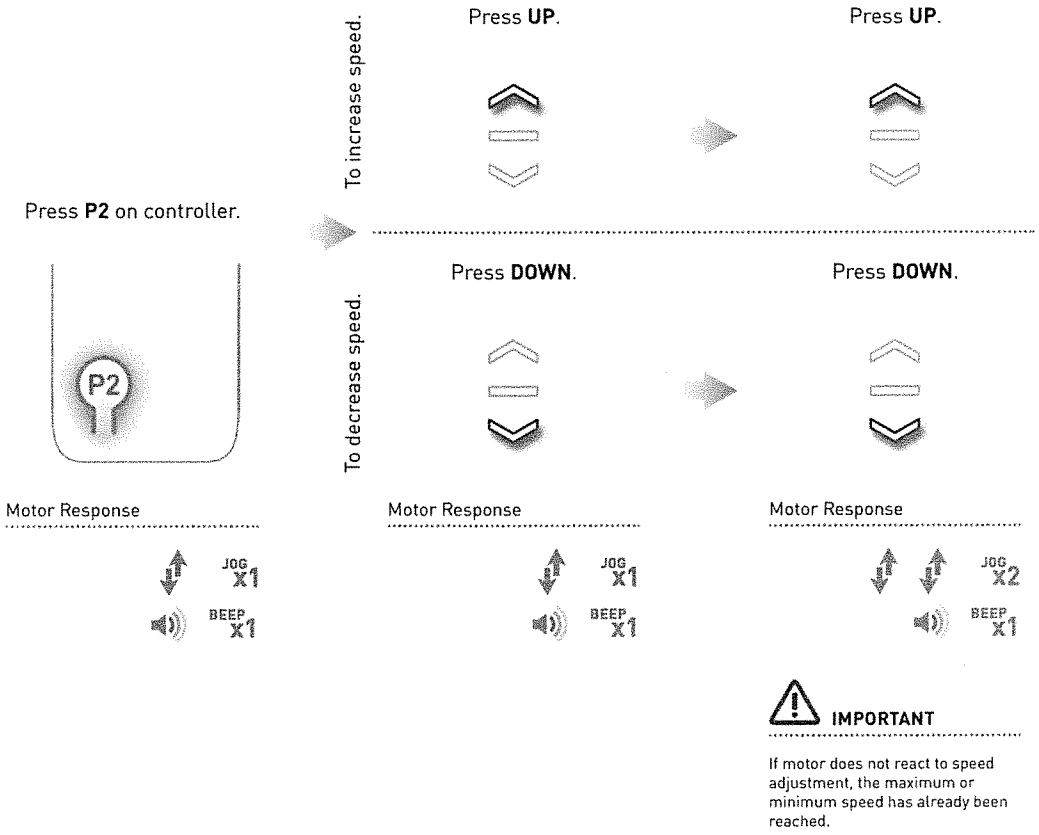
Motor Response

8 ADJUSTING MOTOR SPEED

8.1 Increase or decrease motor speed

To adjust motor speed, follow these three steps for each level of speed adjustment.

There are three speeds available



IMPORTANT

If motor does not react to speed adjustment, the maximum or minimum speed has already been reached.

9 TILT & ROLLER MODE

9.1 Enter tilt mode

For slat adjustment on venetians.

Hold **UP** and **DOWN** on controller.

Motor Response

Approx. 5 SECS JOG X1

Press **STOP**.

Motor Response

JOG X1
BEEP X1

9.2 Enter roller mode (Default)

Hold **UP** and **DOWN** on controller.

Motor Response

Approx. 5 SECS JOG X1

Press **STOP**.

Motor Response

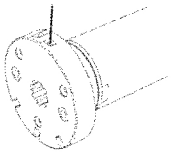
JOG X2
BEEP X3

10 SLEEP MODE

Enter Sleep Mode

Sleep mode is utilized to prevent a motor from moving during shipping of a fabricated shade

Hold **P1** button on the motor head



Motor Response

JOG X1 → JOG X1

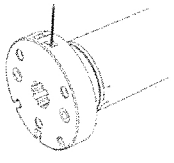
RELEASE P1

BEEP X2

Exit Sleep Mode

Exit sleep mode once the shade is installed

Hold **P1** button on the motor head



Motor Response

RELEASE P1

JOG X1 BEEP X1

11 TROUBLESHOOTING

Problem	Cause	Remedy
Motor is not responding	Batteries in wand are depleted	Replace 8 x AA alkaline batteries.
	A/C power supply not plugged in.	Check motor to power cable connection and AC plug.
	Transmitter battery is discharged	Replace battery
	Battery is inserted incorrectly into transmitter	Check battery polarity
	Radio interference/shielding	Ensure transmitter is positioned away from metal objects and the aerial on motor or receiver is kept straight and away from metal
	Receiver distance is too far from transmitter	Move transmitter to a closer position
	Power failure	Check power supply to motor is connected and active
	Incorrect wiring	Check that wiring is connected correctly (refer to motor installation instructions)
Motor beeps 10 times when in use	Battery voltage is low.	Replace batteries in battery wand -OR- Recharge rechargable battery pack.
Cannot program a single Motor (multiple motors respond)	Multiple motors are paired to the same channel.	Always reserve an individual channel for programming functions
		SYSTEM BEST PRACTICE - Provide an extra 15 channel controller in your multi motor projects, that provides individual control for each motor for programming purposes
		Place all other motoprs into sleep mode (ref to **P1** button function overview - Section 3)

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