

AUTOMATE™

ARC 15 Channel Remote



LEVEL CONTROL



433 MHz

AUTOMATE™ | ARC 15 Channel Remotes feature a contemporary design and are compatible with all ARC™ motors. This remote is perfect for individual shade, room and whole home control.

FEATURES:

- Multi channel selectable
- Group Control
- Leveling control
- LCD Display
- Slim magnetic wall mount
- Hide unused channel function

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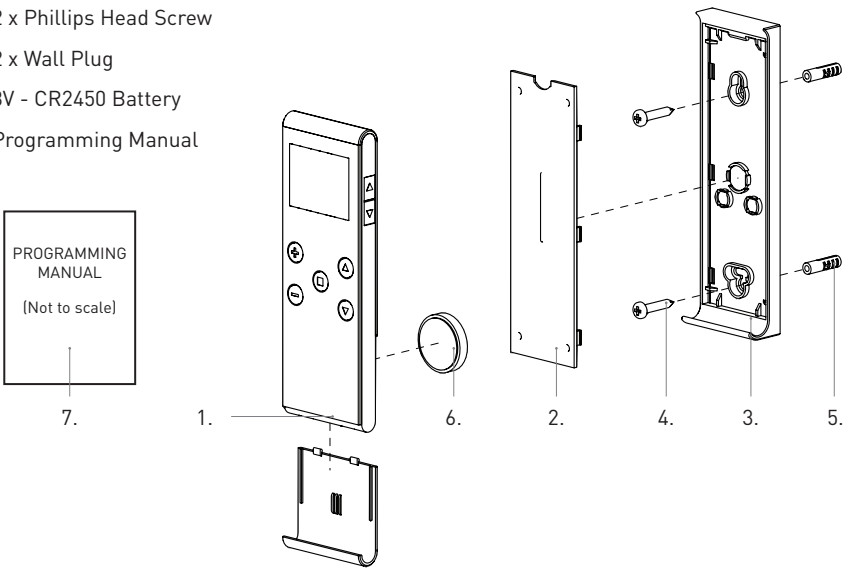
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1 TECHNICAL DATA / PACK CONTENTS

TECHNICAL SPECIFICATIONS	
Voltage:	3V [CR2450]
Frequency:	433.92 MHz
Transmitting Power:	10 milliwatt
Ambient Operating Temperature:	-10°C - 50°C [14°F - 122°F]
Transmission Distance:	up to 200m [656'] (open space)

1.1 Kit Components

- 1. 1 x Remote
- 2. 1 x Wall Mounting Clip Cover
- 3. 1 x Wall Mounting Clip Case
- 4. 2 x Phillips Head Screw
- 5. 2 x Wall Plug
- 6. 3V - CR2450 Battery
- 7. Programming Manual



2 SAFETY

WARNING: Important safety instructions to be read before installation and use.

Incorrect installation or use can lead to serious injury and will void manufacturer's liability and warranty. It is important for the safety of persons to follow the enclosed instructions. Save these instructions for future reference.

- Do not expose to water, moisture, humid and damp environments or extreme temperatures.
- Persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge should not be allowed to use this product.
- Use or modification outside the scope of this instruction manual will void warranty.
- Installation and programming to be performed by a suitably qualified installer.
- Follow installation instructions.
- For use with motorized shading devices.
- Keep away from children.
- Frequently inspect for improper operation. Do not use if repair or adjustment is necessary.
- Keep clear when in operation.
- Replace battery with correctly specified type.

Rollease Acmeda declares this equipment is in compliance with the essential requirements and other relevant provisions of R&TT EC Directive 1999/5/EC

Statement Regarding FCC Compliance

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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



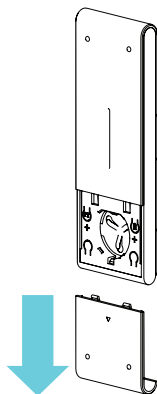
Do not dispose of in general waste.
Please recycle batteries and damaged electrical products appropriately.



3 INSTALLATION

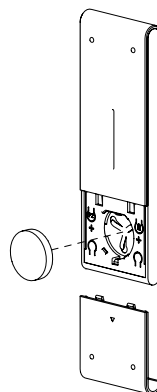
3.1 Remote battery

Remove cover from remote press gently in and down to disengage cover.



Slide to remove

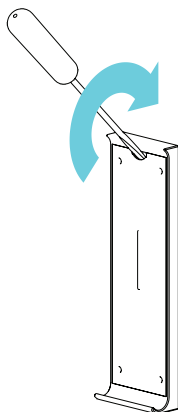
Install battery with positive (+) side facing up.



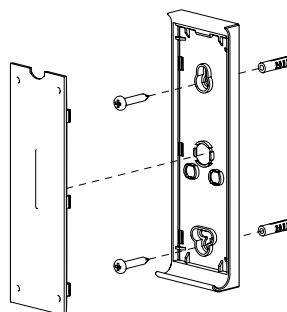
Snap covers back together.

3.2 Wall mount holder

Remove cover from base by prying with flat head screwdriver.



Use supplied fasteners and anchors to attach the base to the wall.



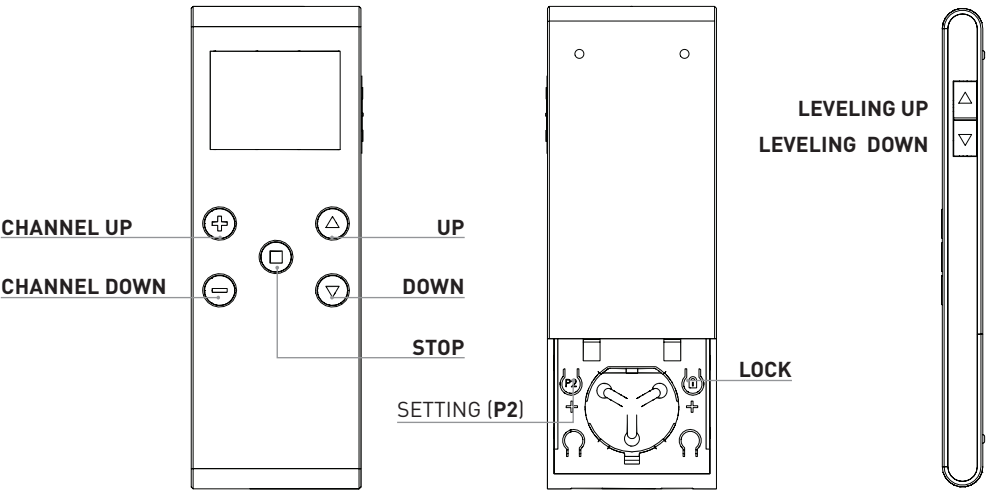
Use supplied fasteners and anchors as needed to attach the base and cover.

Switch is held in position magnetically and can be removed as desired.

Safely dispose of any unused plugs.

4 FUNCTIONAL OVERVIEW

4.1 Buttons

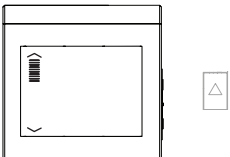
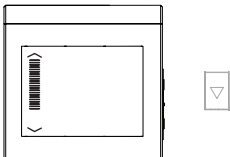


4.2 Leveling Control

The leveling control buttons and LCD display can be used to visualize and accurately set your preferred shade position. When used to control a group of shades, they will all perfectly align to the same position.

Press **LEVELING DOWN** to step via increments
Hold **LEVELING DOWN** to scroll continuously

Press **LEVELING UP** to step via increments
Hold **LEVELING UP** to scroll continuously



4.3 Selecting a channel

Press **CHANNEL UP** to step via increments through the channels 1 - 15

Hold **CHANNEL UP** to scroll continuously through the channels 1 - 15



Press **CHANNEL DOWN** to step via increments through the channels 15 - 1

Hold **CHANNEL DOWN** to scroll continuously through the channels 15 - 1



IMPORTANT

One channel must be selected at all times.

You can cycle through 1-15 by pressing only **CHANNEL UP** or you use the **CHANNEL DOWN** button to cycle in reverse or a combination of both.

4.4 Group control using channel "0"

Channel "0" is pre-set to control ALL shades paired within your multi-channel remote. To create customized group channels, refer to section 6.



5 PROGRAMMING

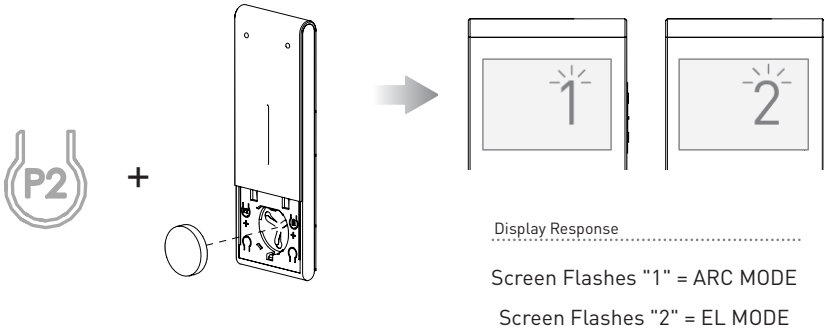
5.1 Protocol selection

This device can be configured to operate Rollease Acmeda line "EL" motors.
(The default mode is ARC protocol.)

To toggle between ARC & EL modes, follow the following steps.

Hold **P2** whilst inserting the battery

Screen flashes x 5



5.2 Using motor P1 button

! IMPORTANT

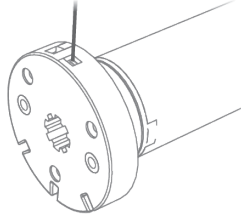
Multiple motors can be grouped onto shared channels for co-ordinated control. Limit settings and favorite positions cannot be adjusted when motors are grouped together.

- Confirm that motor limits and favorite position are already set for each individual motor.
- Ensure that each motor you want to group is also assigned to another channel by itself

Select a channel on switch using the **CHANNEL UP** or **CHANNEL DOWN** button(s).

Hold **P1** button on motor head.

Hold **STOP** on switch.



Motor Response

RELEASE P1



Motor Response



5.3 Using pre-existing controller

A = Existing controller or channel (to keep)

B = Controller or channel to add or remove

Select channel that operates motor on existing remote.

Press **P2**



Press **P2** a second time on existing remote.



Select desired channel on new remote.

Press **P2** on new remote.



Motor Response



Motor Response



Motor Response



5.4 Hide Unused Channels

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

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

Hold **CHANNEL UP** and **CHANNEL DOWN** for 5 seconds



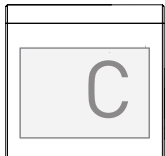
Press **CHANNEL UP** or **CHANNEL DOWN** to select number of channels



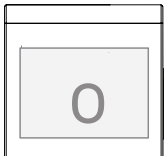
Press **STOP** for 2 seconds



Display Response



Display Response



IMPORTANT

Repeat steps and select 15 as desired number of channels to access all channels.

6 INITIAL SET UP

6.1 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



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

Direction change will not occur if switch is locked.
See Section 6.3.

Approx.  2 SECS



JOG
X1

6.2 Set Limits

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



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



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



Motor Response

Approx.  5 SECS



JOG
X2



BEEP
X3



IMPORTANT

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

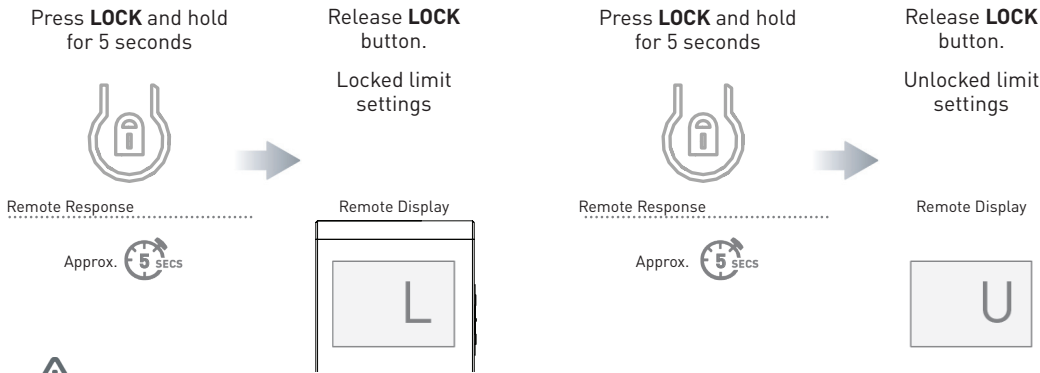


IMPORTANT

For systems using FT Motors & the Ultra Lock, the bottom limit should be set ~ 1.38 in. (35mm) below the Ultra-Lock to disengage the auto lock mechanism when the shade is raised.

6.3 Locking the Limit Setting Function

Stops unwanted changes to limit settings



IMPORTANT

The locked setting will prevent any multi-button functions. These include reversing direction before setting limits, limit setting and toggling between tilt and roller modes.

7 ADJUSTING LIMITS

7.1 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



7.2 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



IMPORTANT

For systems using FT Motors & the Ultra Lock, the bottom limit should be set ~ 1.38 in. [35mm] below the Ultra-Lock to disengage the auto lock mechanism when the shade is raised.

8 FAVORITE POSITIONING

8.1 Set a Favorite Position

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



Press **P2** on controller.

Press **STOP** on controller.

Press **STOP** on controller.



Motor Response



Motor Response



Motor Response



8.2 Send Shade to Favorite Position



8.3 Delete Favorite Position

Press **P2** on controller.

Press **STOP** on controller.

Press **STOP** on controller.



Motor Response



Motor Response



Motor Response



9 TROUBLE SHOOTING

Problem	Cause	Remedy
Motor is not responding	Remote battery is discharged	Replace battery
	Battery is inserted incorrectly	Check battery polarity
	Radio interference / Shielding	Ensure remote is positioned away from metal objects and that aerial on motor or receiver is kept straight and away from metal.
	Receiver distance is too far from remote	Move remote to a closer position or consider a repeater for improved performance.
	Power failure	Check power supply to motor is connected and active.
	Incorrect motor wiring	Check wiring is connected correctly (refer to motor installation instructions).
Cannot set limits on a single motor (multiple motors respond)	Using channel 0 to adjust motor limits	Always reserve an individual channel for programming functions.
Motor will not go down after setting the top limit.	Top limit was set using the DOWN and STOP buttons.	Reset the motor and begin programming sequence again. Remember that upper limit is to be set using the UP and STOP buttons, and the down limit is set using the DOWN and STOP buttons.
Motor will pair, but can not set limits.	Switch is in a locked state. Control must be unlocked to set limits or perform any multi-button functions.	Press and hold LOCK button for 5 seconds, until locked state changes.

