

AUTOMATE™

Paradigm Remote Control



LEVEL CONTROL



TOUCH SENSITIVE



433 MHz

AUTOMATE™ | Paradigm remotes feature a contemporary design with touch sensitive controls. Available in single and fifteen channel models, Paradigm remotes are compatible with all ARC™ motors.

FEATURES:

- Available in single channel & Fifteen Channel.
- Touch sensitive buttons.
- Levelling control (15 channel remote).
- LCD display (15 Channel remote).
- Hide unused channel function.
- Slim Magnetic wall mount.

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1 TECHNICAL DATA / PACK CONTENTS

| TECHNICAL SPECIFICATIONS | |
|--------------------------------|------------------------------------|
| Voltage: | 3V (CR2450) |
| Frequency: | 433.92 MHz |
| Transmitting Power: | Less than 10mW |
| Ambient Operating Temperature: | -10°C [14°F] -50°C [122°F] |
| Transmission Distance: | 20m -100m [65' -328'] (open space) |

PACK CONTENTS

- 1 x remote (Single or Fifteen Channel)
- 1 x magnetic holder inc. wall fixing screws
- 1 x Instruction manual
- 1 x 3V - CR2450 battery
- 1 x Small Phillips Head Screw - Battery Cover
- 1 x PH0 Screw Driver

2 SAFETY INSTRUCTIONS

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

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

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 shades are in operation.
- Replace battery with correctly specified type.




Warning: contains coin battery

Battery: CR2450 | 3VDC

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

This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death. Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

| ⚠ WARNING | |
|--|---|
| <ul style="list-style-type: none">• INGESTION HAZARD: This product contains a button cell or coin battery.• DEATH or serious injury can occur if ingested.• A swallowed button cell or coin battery can cause Internal Chemical Burns in as little as 2 hours.• KEEP new and used batteries OUT OF REACH of CHILDREN• Seek immediate medical attention if a battery is suspected to be swallowed or inserted inside any part of the body. |  |

3 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.

FCC ID: 2AGGZMTRFREM1C
ID: 21769-MTRFREM1C



FCC ID: 2AGGZMTRFREM15
ID: 21769-MTRFREM15



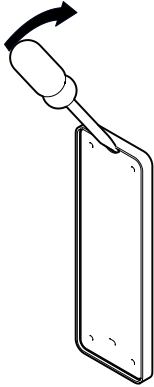
Do not dispose of in general waste.
Please recycle batteries and damaged electrical products appropriately.



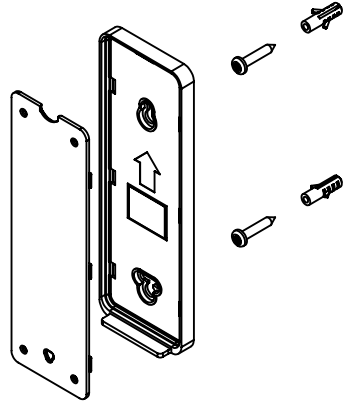
4 INSTALLATION

4.1 Wall mount holder

Remove cover from base by prying with flat head screwdriver.



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

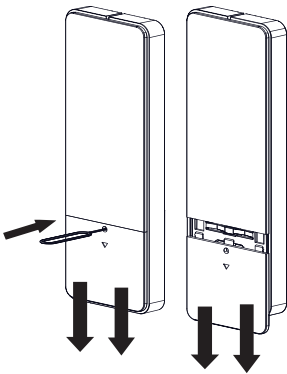


Replace cover by pressing snap latches into place.

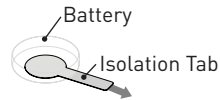
4.2 Remote battery

Remove Cover

Use a tool (such as a SIM card pin, mini screwdriver, etc.) to push the battery cover release button and simultaneously slide the battery cover down.



Remove Battery Isolation Tab

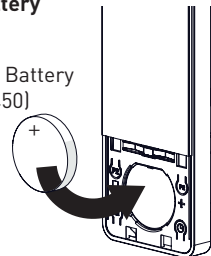


Note:
On Startup, Remove Battery isolation tab.

OR

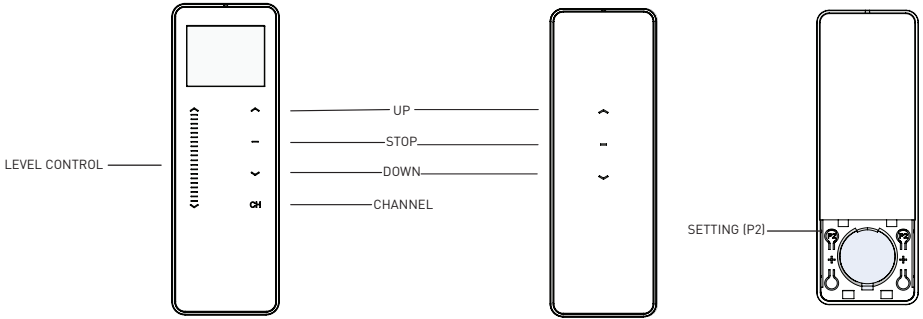
Install Battery

Li-ion Cell Battery
(CR2450)



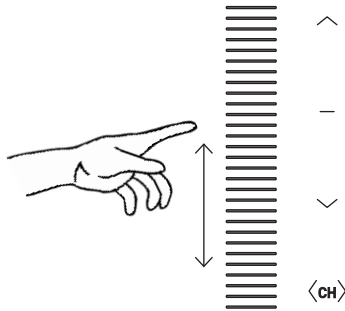
5 FUNCTIONAL OVERVIEW

5.1 Buttons



5.2 Levelling control

The levelling control bar 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.

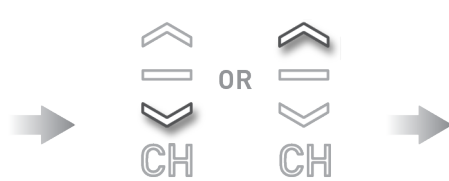


5.3 Selecting a channel - (multi channel remote)

Hold **CH** button.



Within 4 seconds press **UP** or **DOWN** to select desired channel .



Press **CH** or **STOP** to confirm



Response

.....
LCD screen will begin to flash

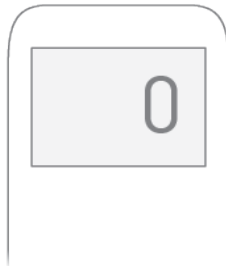


IMPORTANT

.....
If no button is pressed within 4 seconds, the channel selection will automatically be confirmed

5.4 Group control using CH "0"

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



6 PROGRAMMING



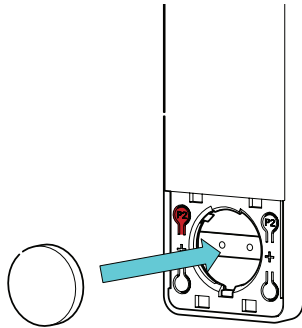
IMPORTANT

Please refer to the relevant documentation of your motor model for instructions on adjusting motor settings.

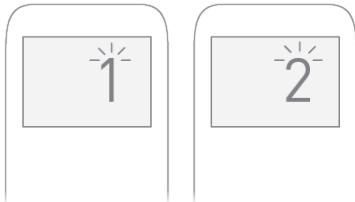
6.1 Protocol selection

This device can be configured to operate Acmeda line "EL" motors. (The default mode is ARC protocol). To toggle between ARC & EL modes follow the following steps.

HOLD **P2** whilst inserting battery



For 15 CH

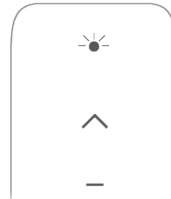


Screen flashes X 5

Screen flashes "1" = ARC Mode

Screen flashes "2" = EL Mode

For 1 CH



1 Flash = ARC Mode

2 Flashes = EL Mode

6.2 Hide unused channels

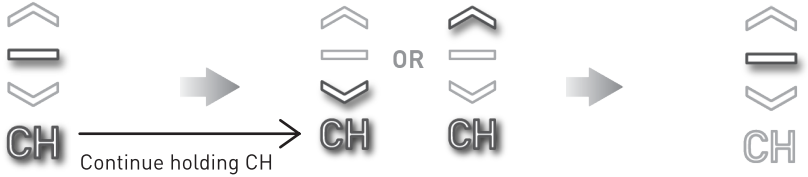
Your multi channel remote can be configured to have anywhere between 1 or 15 visible channels.

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


6.3 Disable limit setting function of remote



IMPORTANT


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

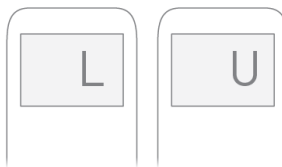
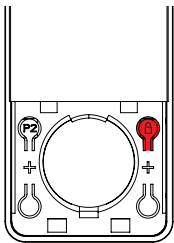
User Mode will prevent accidental or unintended changing of limits.

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

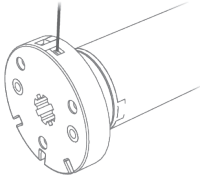


It is still possible to add or delete channels and perform **P2** functions, while the lock function is enabled.

7 ADDING OR REMOVING CONTROLLERS & CREATING GROUP CHANNELS

7.1 Using Motor P1 Button

Hold **P1** button on motor head.



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



Motor Response



Motor Response



7.2 Using a pre-existing Controller

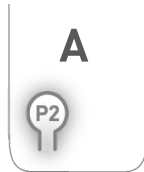
A= Existing controller or channel (to keep)

B= Controller or channel to add or remove

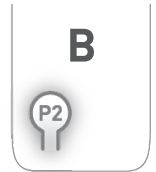
Press **P2** on existing controller.



Press **P2** on existing controller.



Press **P2** on new controller.



Motor Response



Motor Response



Motor Response



IMPORTANT

Consult user manual for your controller or sensor.

8 TROUBLESHOOTING

| 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 |
| | Power failure | Check power supply to motor is connected and active |
| | Incorrect wiring | Check wiring is connected correctly (refer to motor installation instructions) |
| Cannot set limits on a single motor (multiple motors respond) | Using "Group" channels to adjust motor limits | Always reserve an individual channel for programming functions. |
| | | SYSTEM BEST PRACTICE - Provide an extra 15 channel remote in your multi motor projects, that provides individual control for each motor for programming purposes. |

NOTES

A series of horizontal dotted lines for taking notes.

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