

AUTOMATE™

Paradigm Flush Wall Switch



433 MHz

AUTOMATE™ | Paradigm flush wall switches feature a contemporary design and a wirefree deployment, making them retrofit ready for any location. Paradigm 5 channel switches are perfect for individual shade, room and whole home control.

The Paradigm flush mount switch can be mounted on top of any surface. Its slim profile eliminates the need for any holes to be cut in walls.

FEATURES:

- Multi channel selectable
- Retrofit Ready
- Group Control
- Compatible with screwless decorator cover plates
- Optionally functions as handheld remote

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1 TECHNICAL DATA / PACK CONTENTS

TECHNICAL SPECIFICATIONS	
Voltage:	3V (CR2430)
Frequency:	433.92 MHz
Transmitting Power:	Less than 10mW
Ambient Operating Temperature:	-10°C [°F] -50°C [122°F]
Transmission Distance:	20m - 100m [65' - 328'] (open space)

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.
- 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.

WARNING: Do not ingest battery, Chemical Burn Hazard.

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 it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

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;



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

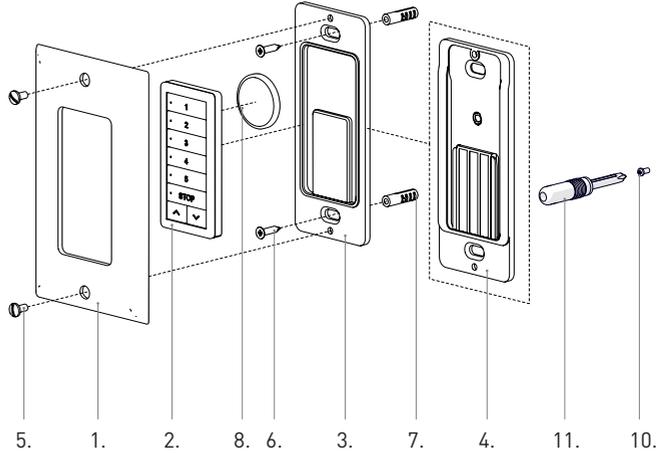
FCC ID: 2AGGZMTRFWS5FLUSH
ID: 21769-MTRFWS5FLUS



3 INSTALLATION

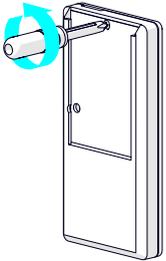
3.1 Kit Components

1. 1 x Cover
2. 1 x Switch Remote
3. 1 x Magnetic Wall Clip
4. 1 x Fixed Wall Clip
5. 2 x Pan Head Screw
6. 2 x Phillips Head Screw
7. 2 x Wall Plug
8. 3V - CR2430 Battery
9. Programming Manual
10. 1x Small Phillips Head Screw - Battery Cover
11. 1x PH0 Screw Driver



3.2 Replace Battery

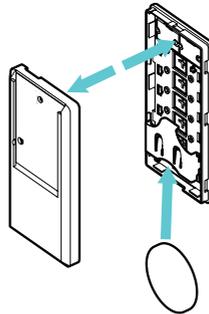
Remove Screw



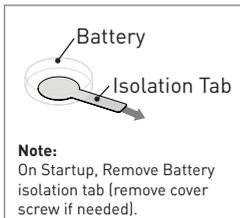
Open rear battery cover by gently separating switch covers with a screwdriver



Install CR2430 battery with positive side facing up. Snap covers back together.



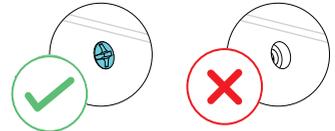
Insert and fasten screw



Snap covers back together.

IMPORTANT

FOR CHILD SAFETY, SCREW MUST BE USED AT ALL TIMES TO SECURE BATTERY COVER IN PLACE.

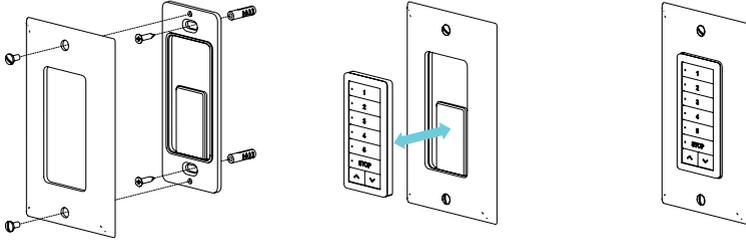


3.3 Magnetic Wall Clip

Use the Magnetic Wall Clip if you require the remote to be easily detachable.

Best Practice Tip:

Program the Switch to the motor prior to installation, then test radio performance in the location the switch will be installed in, to ensure best performance.



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.

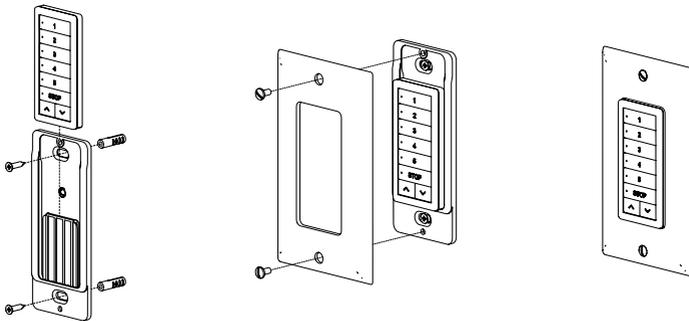
Safely dispose of the unused Fixed Wall Clip.

3.4 Fixed Wall Clip

Use the Fixed Wall Clip if you require the remote to be non-removable.

Best Practice Tip:

Program the Switch to the motor prior to installation, then test radio performance in the location the switch will be installed in, to ensure best performance.



Slide the Switch onto the Wall Clip.

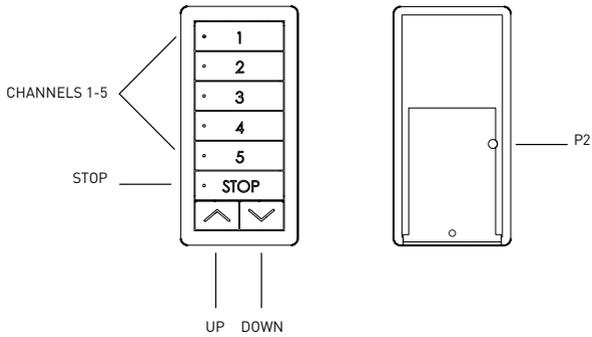
Use supplied fasteners and anchors as needed to attach the base and cover.

Switch is secured unless the Cover is removed.

Safely dispose of the unused Magnetic Wall Clip.

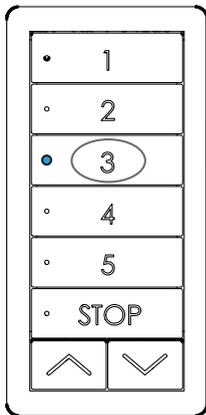
4 FUNCTIONAL OVERVIEW

4.1 Buttons

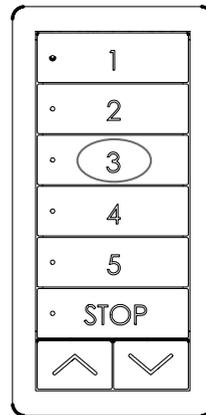


4.2 Selecting a channel

Press desired channel button(s)



To deselect channel, press channel button until LED turns off



Motor Response

Blue LEDs will illuminate indicating channel selection.



IMPORTANT

Switch requires that at least one channel be selected at all times. First select an additional channel, then deselect channel you don't want to operate.

5 PROGRAMMING

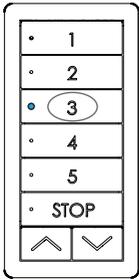
5.1 Using motor P1 button

IMPORTANT

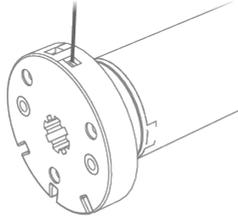
Multiple motors can be grouped onto shared channels for co-ordinated control. Limit settings and favorite positions cannot be adjusted when motors are grouped together.

- 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

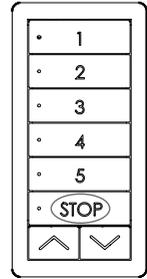
Select a channel on switch.



Hold **P1** button on motor head.



Hold **STOP** on switch.



Motor Response

RELEASE P1



Motor Response

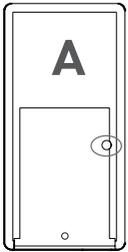


5.2 Using pre-existing controller

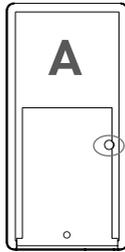
A = Existing switch or channel (to keep)

B = Switch or channel to add or remove

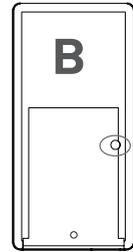
Select channel that operates motor on existing switch.
Press **P2**



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



Select desired channel on new switch. Press **P2** on new switch.



Motor response



Motor response



Motor response



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.

Motor Response



JOG X1



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.

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**.



IMPORTANT

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



Initial set-up is not complete

Motor Response



IMPORTANT

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



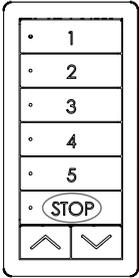
IMPORTANT

For FT Motors, 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

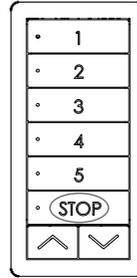
Stops unwanted changes to limit settings

Press **STOP** and hold for 15 seconds



Release **STOP** button.
Locked limit settings

Press **STOP** and hold for 15 seconds



Release **STOP** button.
Unlocked limit settings

Remote Response



All lights flash x 1

Remote Response



All lights flash x 2

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 FT Motors, 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.

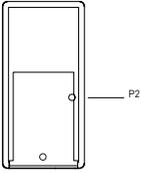
8 FAVORITE POSITIONING

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.

STOP

Press **STOP** on controller.

STOP

Motor Response



Motor Response



Motor Response

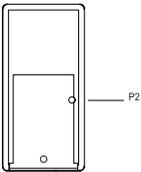


8.2 Send shade to favorite position



8.3 Delete favorite position

Press **P2** on controller.



Press **STOP** on controller.

STOP

Press **STOP** on controller.

STOP

Motor Response



Motor Response



Motor Response



9 TROUBLE SHOOTING

Problem	Cause	Remedy
	Switch battery is discharged	Replace battery
Motor is not responding	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 (Multi channel remote ONLY)	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.
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 STOP button for 15 seconds, until locked state changes.

ROLLEASE ACMEDA
USA

750 East Main Street, 7th Floor
Stamford, CT 06902
T +1 203 964 1573 | F +1 203 358 5865

ROLLEASE ACMEDA
AUSTRALIA

110 Northcorp Boulevard,
Broadmeadows VIC 3047
T +61 3 9355 0100 | F +61 3 9355 0110

Queensland Branch
Unit 2/62 Borthwick Avenue,
Murarrie QLD 4172

ROLLEASE ACMEDA
EUROPE

Via Conca Del Naviglio 18, Milan
(Lombardia) Italy
T +39 02 8982 7317 | F +39 02 8982 7317

info@rolleasacmeda.com
rolleasacmeda.com