R-TEC AUTOMATION® by Rowley®

R-TEC Smart Controls - Handheld Remotes, 1 or 15 CH
RTMHR1C, RTMHR15C

Handheld Remotes with Wall Mounts offer modern features, including LCD displays, individual, group and all control and precision leveling, giving users complete control.

Available in 1 or 15 channel models, handheld remotes are compatible with all ARC™ motors.

They feature a contemporary design with touch sensitive controls.
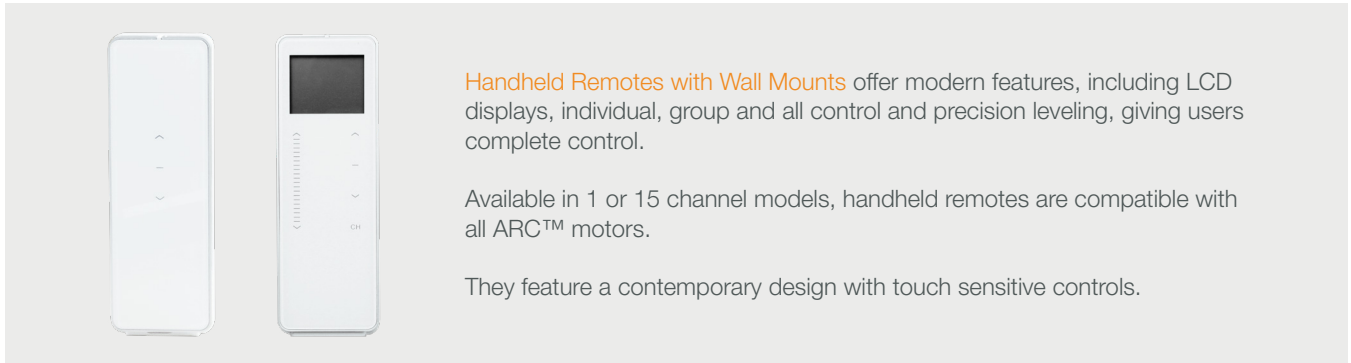
FEATURES - 1 CHANNEL

2-Way RF Communication

Touch Sensitive Buttons

Slim Magnetic Wall Mount
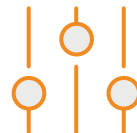
FEATURES - 15 CHANNEL

2-Way RF Communication

Touch Sensitive Buttons

Slim Magnetic Wall Mount

Hide Unused Channels

Leveling Control

LCD Display

TABLE OF CONTENTS

COMPLIANCE STATEMENT

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

TECHNICAL DATA / PACK CONTENTS

PRODUCT SPECIFICATIONS

Parameters	Value
Voltage	3 V DC
Battery	CR2430
Radio Frequency	433.92 MHz
Transmitting Power	10 milliwatt
Transmission Range	65'
Temperature Working Range	50° F - 122° F (10° C - 50° C)

PACK CONTENTS

1. Handheld Remote with Wall Mount, 1 or 15 Channel
2. Magnetic Holder and Wall Fixing Screws
3. Instruction Manual
4. 3 V - CR2450 Battery

SAFETY

⚠ WARNING

Any 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. 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.
- Use only R-TEC Automation® hardware.
- Keep clear when in operation.
- Replace battery with correctly specified type.

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.
- Frequently inspect for improper operation. Do not use if repair or adjustment is necessary.
- Keep away from children.
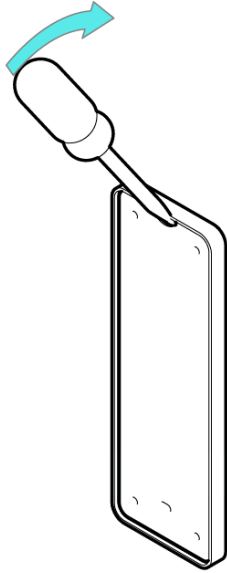
Do no dispose of in general waste.

Please recycle batteries and damaged electrical products appropriately.
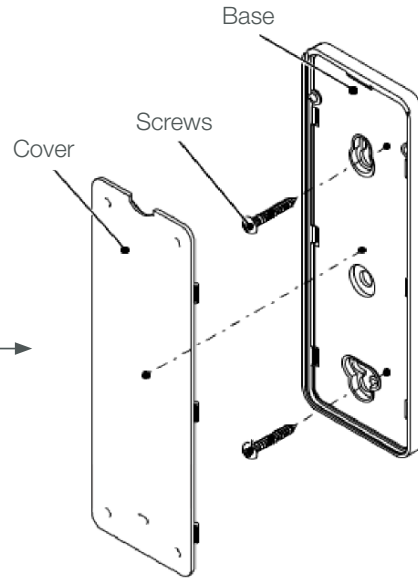
INSTALLATION

WALL MOUNT HOLDER

Remove cover from base by
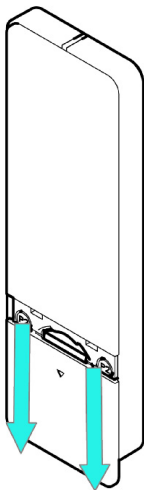prying with flat head screwdriver.

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

Base

Screws

Cover

Replace cover by pressing
snap latches into place.
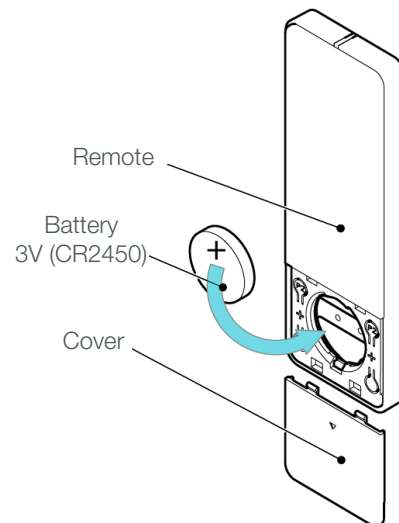
REMOTE BATTERY

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

Install battery with positive (+)
side facing up.

Remote

Battery
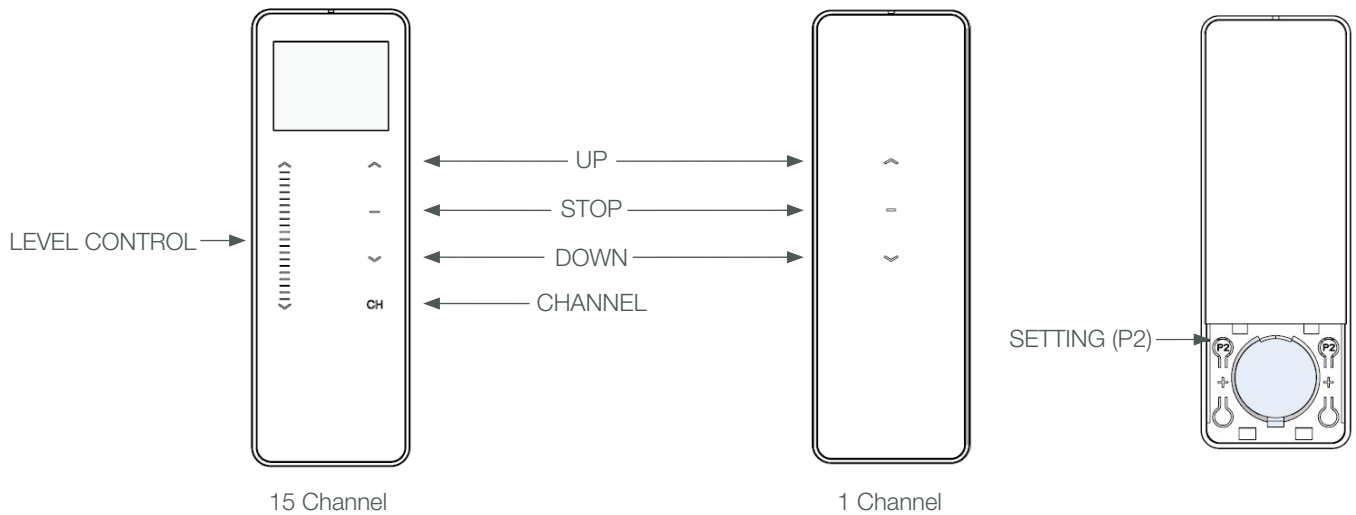3V (CR2450)

Cover

Slide to remove.

FUNCTIONAL OVERVIEW

BUTTONS

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.

LEVEL CONTROL

UP
STOP
DOWN
CHANNEL

SETTING (P2)

15 Channel

1 Channel

LEVELING CONTROL (15 CHANNEL REMOTE)

The leveling control bar can be used to visualize and accurately set your preferred window treatment position.

When used to control a group of window treatments, they will all perfectly align to the same position.
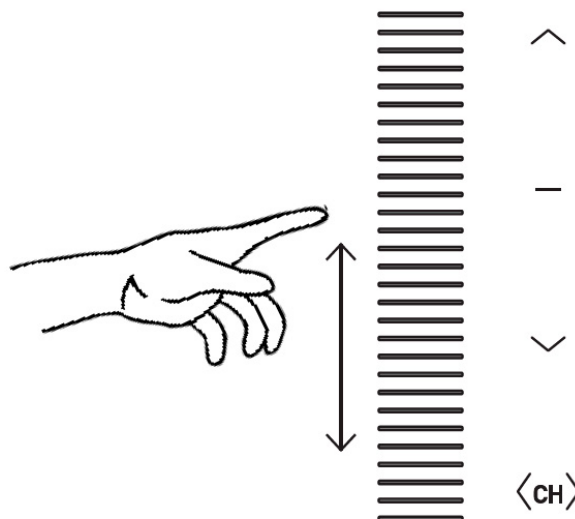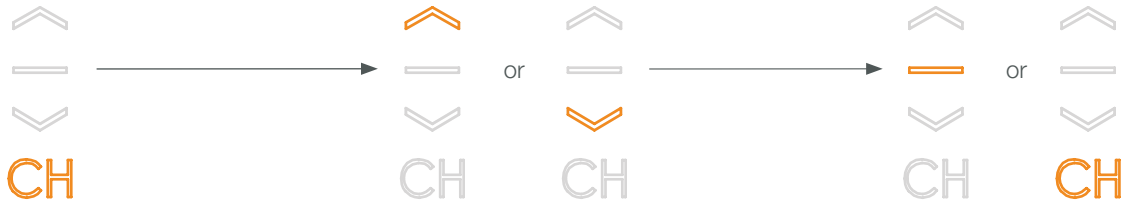
SELECTING A CHANNEL (15 CHANNEL REMOTE)

Press the CH button.

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

Press CH or STOP to confirm.

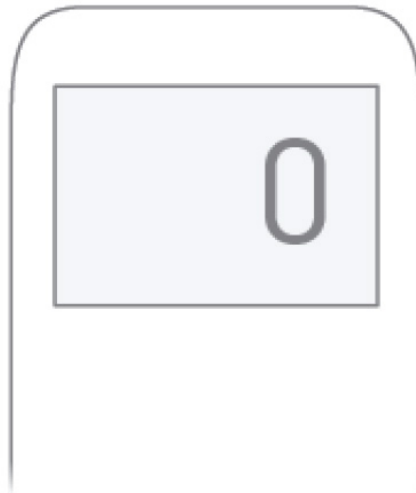or

or

Response

LCD screen will begin to flash

⚠️ IMPORTANT

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

GROUP CONTROL USING CH "0" (15 CHANNEL REMOTE)

Channel "0" is preset to control all window treatments paired within your multi channel remote.

To create a customized group channel, refer to .
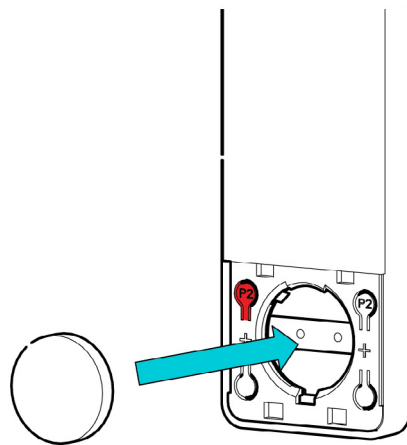
PROGRAMMING

IMPORTANT

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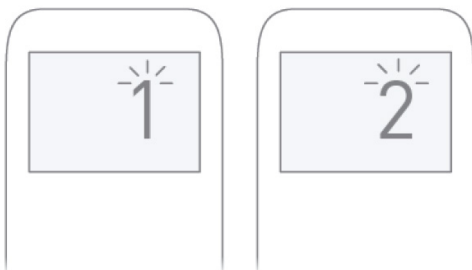

PROTOCOL SELECTION

R-TEC Automation® motors use the default ARC protocol mode.

If your remote is in the "EL" mode, to toggle back to the ARC mode follow the steps below.

HOLD P2 while inserting battery

For 15 Channel

For 1 Channel

Screen flashes X 5

Screen flashes "1" = ARC Mode

*This is the mode needed for your R-TEC Automation® motor to work.

Screen flashes "2" = EL Mode

1 Flash = ARC Mode

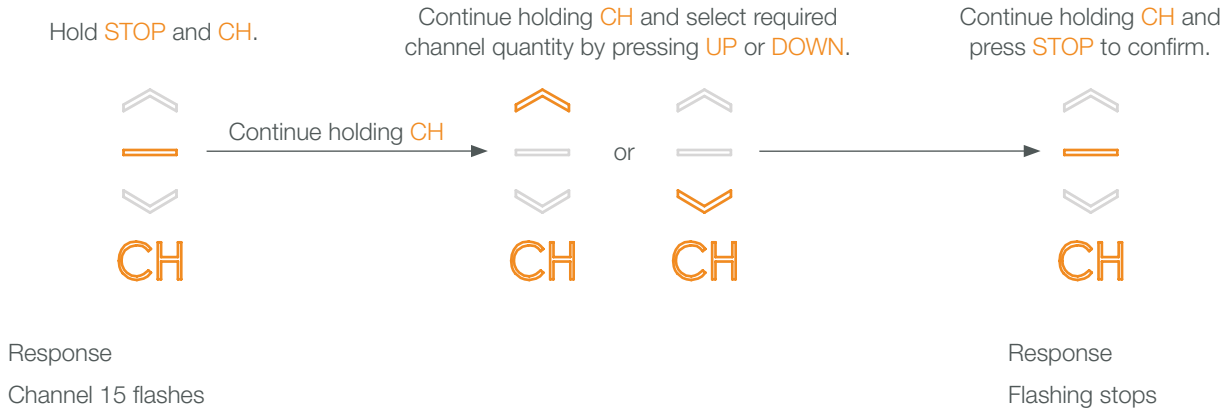*This is the mode needed for your R-TEC Automation® motor to work.

2 Flashes = EL Mode

HIDE UNUSED CHANNELS (15 CHANNEL REMOTE)

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

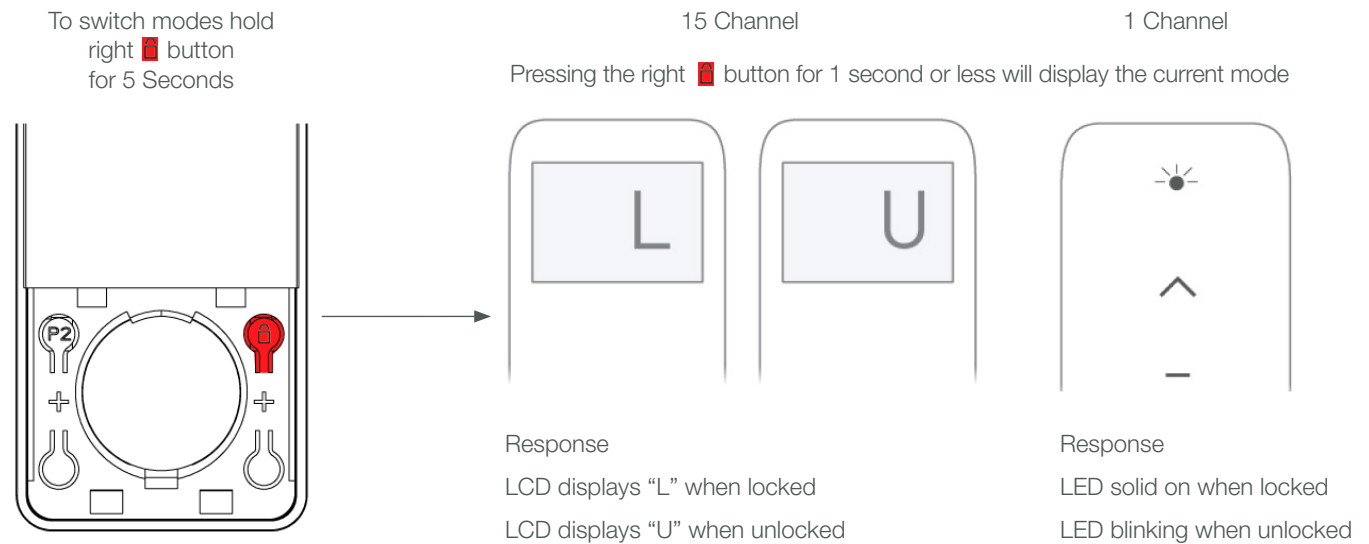Inactive channels will not be visible when scrolling through the CH selection.

Hold STOP and CH.

Continue holding CH and select required channel quantity by pressing UP or DOWN.

Continue holding CH and press STOP to confirm.

Continue holding CH

or

CH   CH   CH   CH

Response

Channel 15 flashes

Response

Flashing stops

DISABLE LIMIT SETTING FUNCTION OF REMOTE

⚠️ **IMPORTANT**

This mode is intended to be used after all window treatment programming is completed. User Mode will prevent accidental or unintended changing of limits.
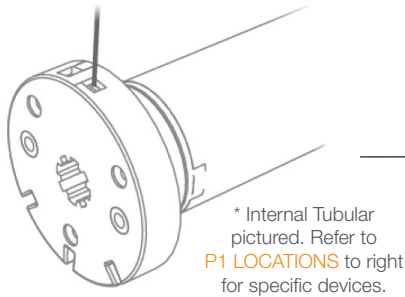
To switch modes hold right 🔒 button for 5 Seconds

15 Channel

1 Channel

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

L   U

Response

LCD displays "L" when locked

LCD displays "U" when unlocked

Response

LED solid on when locked

LED blinking when unlocked

⚠️ **IMPORTANT**

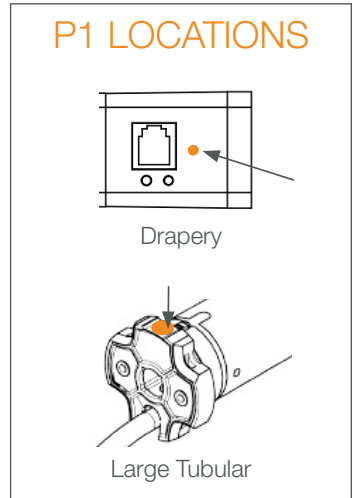It is still possible to add or delete channels and perform P2 functions, while the lock function is enabled.

ADDING OR REMOVING CONTROLLERS & CREATING GROUP CHANNELS

USING MOTOR P1 BUTTON

Hold P1 button on motor head.

Hold STOP on switch.

* Internal Tubular pictured. Refer to P1 LOCATIONS to right for specific devices.

P1 LOCATIONS

Drapery

Large Tubular

Motor Response

RELEASE P1

Approx. 2 SECS   JOG X1   EXT. BEEP X1

Motor Response

Approx. 2 SECS   JOG X2   BEEP X3

USING PRE-EXISTING CONTROLLER
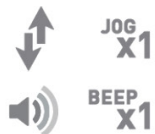
A = Existing switch or channel (to keep).

B = Switch or channel to add or remove.

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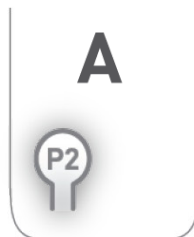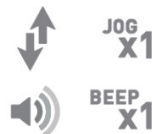
Press P2 a second time on existing switch.

Press P2 on new switch or remote controller.

A

(P2)

A

(P2)

B

(P2)

Motor Response

JOG X1   BEEP X1

Motor Response

JOG X1   BEEP X1

Motor Response

JOG X2   BEEP X3
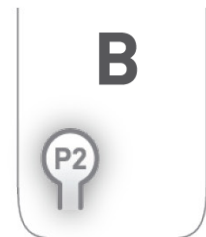
⚠️ **IMPORTANT**
Consult your user manual for your controller or sensor.

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 or consider a repeater for improved performance.
	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 Red LED is solid	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.

Any Questions?
Contact our R-TEC Automation® in-house experts at 866.985.3423. Email us at RTECAutomation@RowleyCompany.com.