# THE FINIAL COMPANY™

## R-TEC AUTOMATION® by Rowley®

# R-TEC Smart Controls - Handheld Remote, 5 Channel RTMHR5C

# 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 | 50º F - 122º F (10º C - 50º C) |

## PACK CONTENTS

1. Handheld Remote with Wall Mount, 5 Channel
2. Cradle and Wall Fixing Screws
3. Instruction Manual
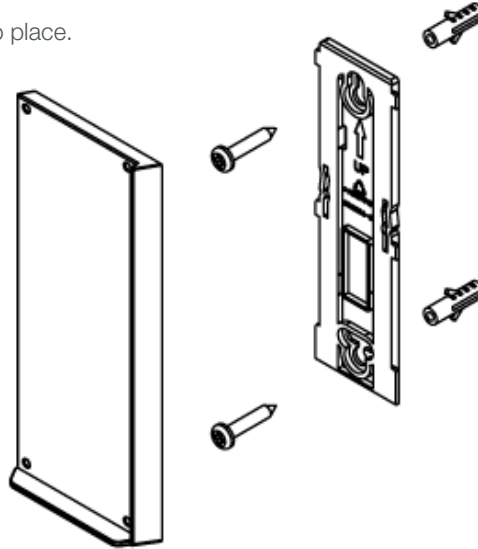4. 3 V - CR2450 Battery
5. Screwdriver

# INSTALLATION

## WALL MOUNTING

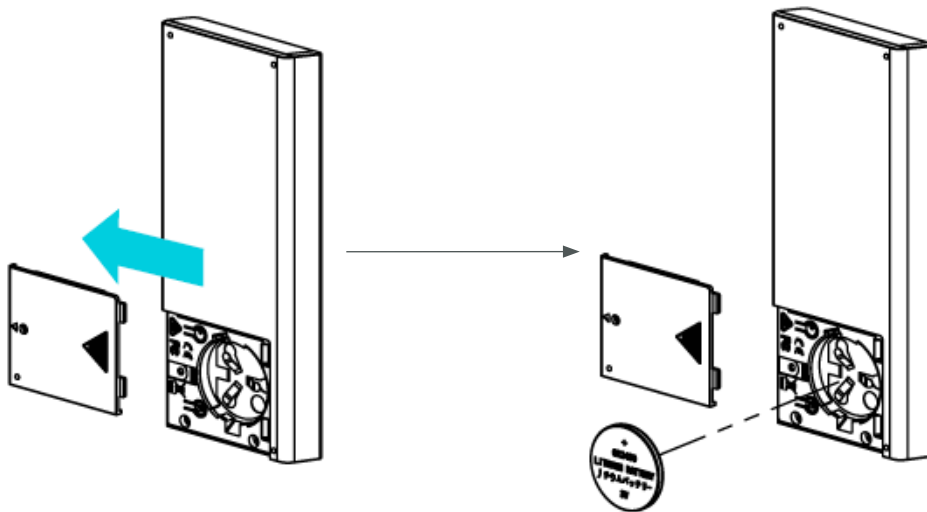Use supplied fasteners and anchors to attach the base to wall.

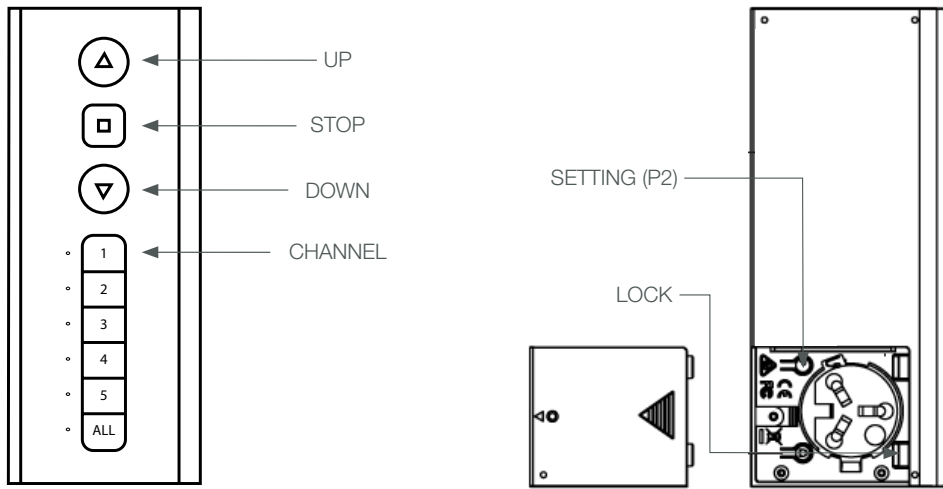Replace cover by pressing snap latches into place.

## REMOTE BATTERY

Remove cover from remote;
unscrew with screwdriver included,
then firmly press down and slide left.

Insert battery as directed, then slide
cover back on remote and screw on
with screwdriver included.

# FUNCTIONAL OVERVIEW

## BUTTONS

UP

STOP

DOWN

CHANNEL

SETTING (P2)

LOCK

## SELECTING A CHANNEL

### ⚠ IMPORTANT
To determine which channel is activated prior to programming or operating the control simply press and release any of the 'channel' buttons or the 'stop' button once and the active channel or channels will illuminate.

### ⚠ IMPORTANT
You can program one channel at a time but you can operate several channels at once if desired after the programming has been completed.

Select a channel by 'toggling' it on until a blue LED is showing next to it. This will require pressing and releasing the channel once or twice until the light appears.

Deselect the channels that you don't want to be active by 'toggling' them off until the blue LED disappears.

Now only the channel that you want to program or operate will be active. Your selected channel is now ready to be programmed or operated.
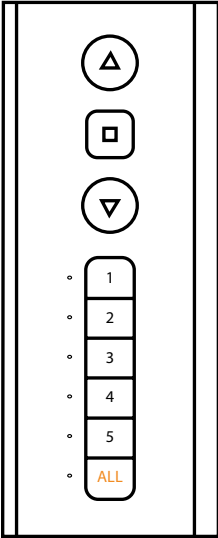
### ⚠ IMPORTANT
When a channel is selected, the blue LED will stay illuminated for four seconds and then go out. The channel remains active. Programming and operation of the window treatment(s) on the channel can proceed without reselecting the channels.

# GROUP CONTROL

Channel ALL is preset to control all window treatments paired to your multi channel remote.
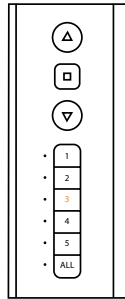
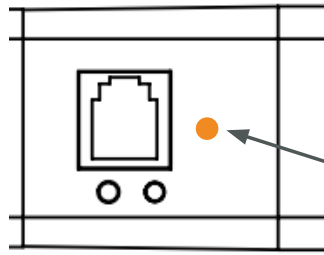# PROGRAMMING

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

## QUICK START PROGRAMMING

**1** Select a single or multiple channels by toggling channels (3) as required. Note the corresponding LED next to each channel.
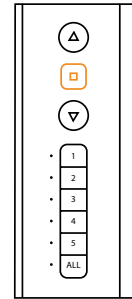
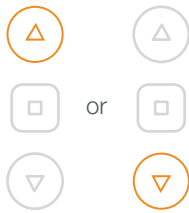**2** Hold P1 button on motor head for 2 seconds until the motor responds as below.

**3** Within 4 seconds, hold the STOP button on remote for 3 seconds. The motor will respond as below.

Motor Response
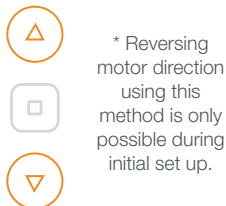
Approx. 2 SECS    JOG x1    EXT. BEEP x1

Motor Response

Approx. 2 SECS    JOG x2    BEEP x3

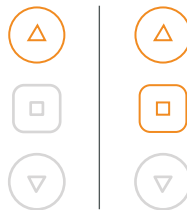**4** Press UP or DOWN to check the motor direction. If correct, skip to step 5 of setting the upper limit.

or

If the window treatment direction needs to be reversed; press and hold the UP and DOWN together for 5 seconds until the motor Jogs.

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

Motor Response

Approx. 5 SECS    JOG x1

**5** Move window treatment to desired top limit by pressing the UP arrow repeatedly. Then press and hold UP and STOP together for 5 seconds to save the limit.
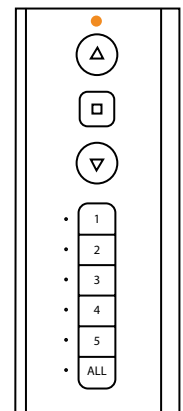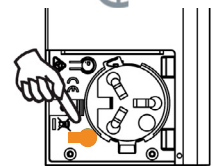
* Tap the arrow several times or hold down if needed; press arrow to stop.
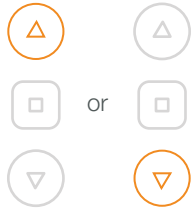
Motor Response

Approx. 5 SECS    JOG x2    BEEP x3

**6** Repeat steps 1-6 for all motors. Once complete, press and hold the LOCK button for 6 seconds while looking at the LED, and hold until solid.
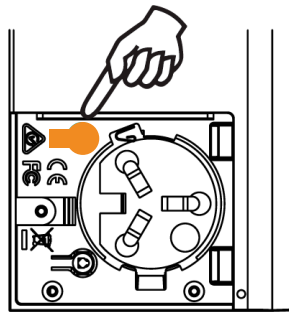
Approx. 6 SECS

# SET A FAVORITE POSITION

Move window treatment to desired position by pressing UP or DOWN on the remote.



or

Press P2 on the controller.



Press STOP on the controller.



Press STOP again on the controller.



Motor Response

JOG X1    BEEP X1

Motor Response

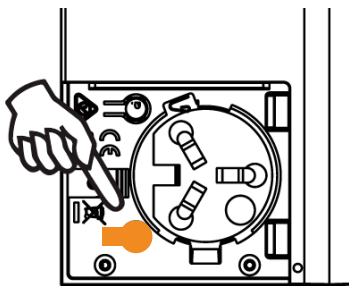JOG X1    BEEP X1

Motor Response

JOG X2    BEEP X3

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# DISABLE LIMIT SETTING FUNCTION OF REMOTE
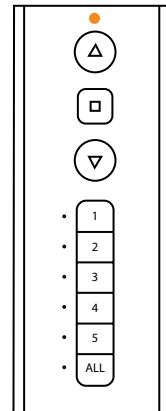
 **IMPORTANT**
This mode is intended to be used after all window treatment programming is completed. User Mode will prevent accidental or unintended changing of limits.

Push LOCK button to lock or unlocked position



Pressing the LOCK button for 6 seconds will toggle between locked and unlocked LED show solid or flashing.
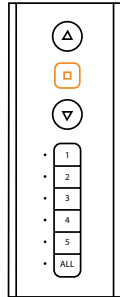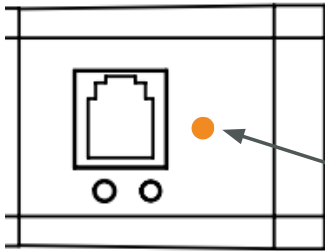
LED solid on when locked
LED blinking when unlocked

# ADDING OR REMOVING CONTROLLERS & CREATING GROUP CHANNELS

## USING MOTOR P1 BUTTON

Hold P1 button on motor head.

Hold STOP on switch.

Motor Response

Motor Response

**RELEASE P1**

Approx. 2 SECS ↕ JOG X1 🔊 ➤ EXT. BEEP X1

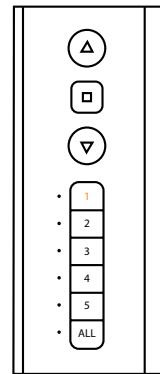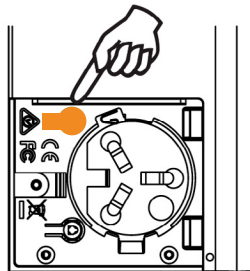Approx. 2 SECS ↕ ↕ JOG X2 🔊 🔊 🔊 BEEP X3
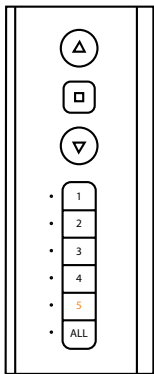
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## USING PRE-EXISTING CONTROLLER

A = Existing button or channel (to keep).

B = Button or channel to add or remove.

Select the channel (5) you want to transfer. Press P2 on existing remote.

Press P2 a second time on existing remote.

Press the channel (1) on new remote.

Motor Response

↕ JOG X1 🔊 BEEP X1

Motor Response

↕ JOG X1 🔊 BEEP X1

Motor Response

↕ ↕ JOG X2 🔊 🔊 🔊 BEEP X3

# 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 antenna 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 5 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.