

Uniflex



Motorised Roller Blinds



MOTORISED BLINDS WILL ENHANCE ANY WORKSPACE OR LIVING AREA.

TABLE OF CONTENTS

| | |
|---|---------|
| FREQUENTLY ASKED QUESTIONS | PAGE 5 |
| CONFIGURATION | PAGE 7 |
| UNIFLEX ROLLER BLIND MOTOR ELECTRICAL DETAILS | PAGE 10 |
| INSTALLATION INSTRUCTIONS | PAGE 11 |
| UNIFLEX MOTORS – PROGRAMMING REMOTES | PAGE 12 |



*MOTORISED ROLLER BLINDS ALLOW YOU TO REGULATE
THE AMOUNT OF SUNSINE ENTERING YOUR HOME*

FREQUENTLY ASKED QUESTIONS.

1. Why would I want to motorise my blinds?

Motorised blinds allow you to adjust light levels and privacy at any time to create the atmosphere you want at the simple flick of a switch. Motors can be controlled by a wall switches, timers, handheld remotes or home automation systems.

2. Can I put motorised blinds into an established building?

Motorised blinds are suitable for most window types, old and new. In new buildings we recommend getting an electrician to wire in the blinds during the building process. We know that this isn't always possible in established building, and battery powered motors can be the ideal solution.

3. How do I choose the right motor?

Uniflex motors are very cost effective, and satisfy 90% of customer's needs.

For more complex requirements, such as timer control, battery power, etc, there is a Somfy motor to suit just about any situation. Somfy is more expensive, but it is recognised as the number one blind motor brand all over the world.

4. Are motorised blinds noisy?

Both Uniflex and Somfy motors produce less than 35db, making them suitable for homes, meeting rooms and offices.

5. Can I control multiple blinds using one remote?

Yes you can. A multi-channel remote can control up to 15 groups of blinds.

6. Do motorised blinds take up more room in the window?

No, the motors are fitted internally into the blinds and use standard brackets.

7. Can I convert my existing roller blinds to motorised?

It will depend on your blinds. Please call us to discuss the situation and we will advise the best option.

8. Can motorised blinds be put in a sloping or angled window?

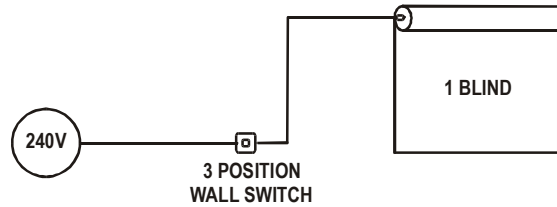
No they cannot. Roller blinds can only be made to suit rectangular shaped windows.



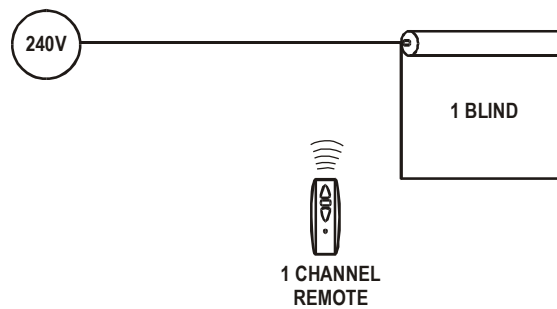
A RANGE OF STYLISH REMOTES ARE AVAILABLE

MOTORISATION CONFIGURATIONS

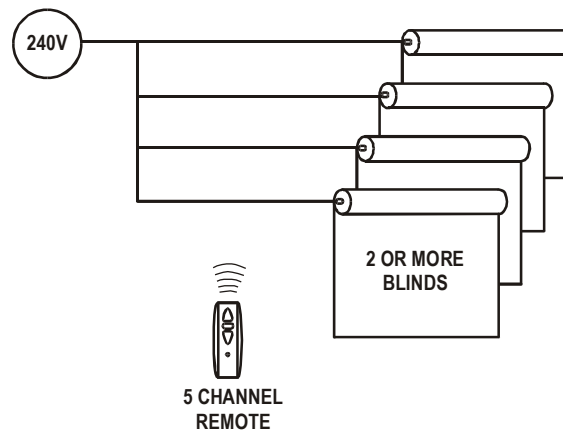
WIRED SWITCH - INDIVIDUAL CONTROL



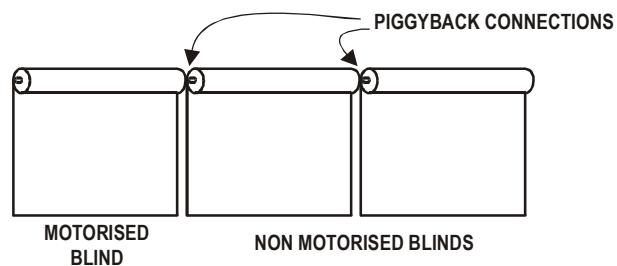
HANDHELD REMOTE - INDIVIDUAL CONTROL



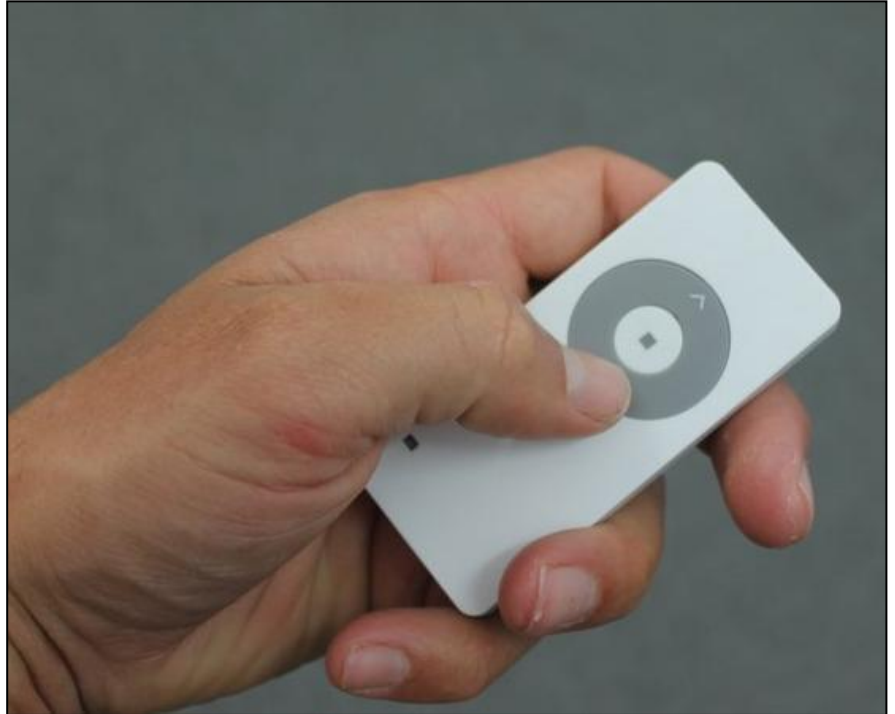
HANDHELD REMOTE - ALL BLINDS OPERATE SEPARATELY OR IN GROUP



PIGGYBACKED BLINDS – 1 MOTOR – BLINDS OPERATE TOGETHER



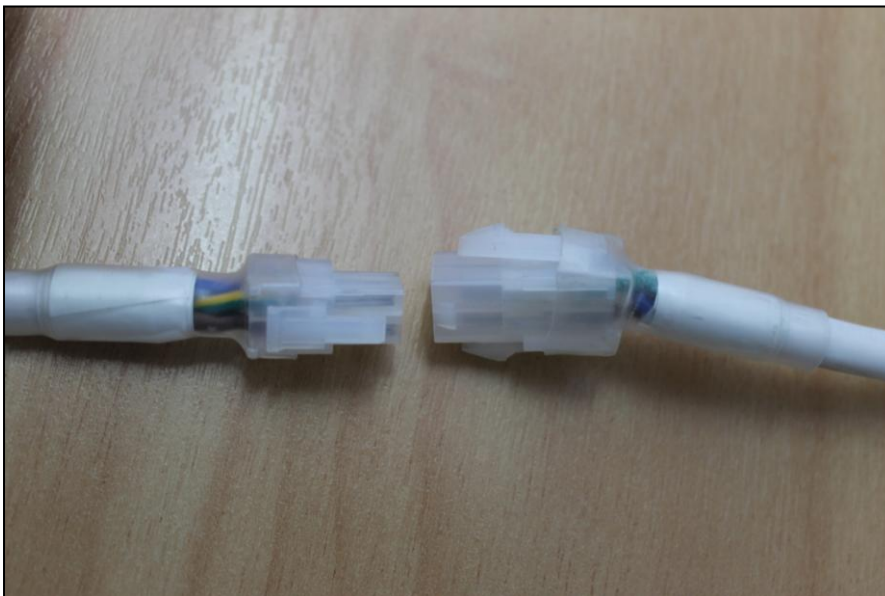
**THE UNIFLEX
REMOTE FITS EASILY
INTO THE PALM OF
YOUR HAND**



**OR MOUNTS NEATLY WITH
YOUR OTHER HOUSEHOLD
CONTROLS**

When it's difficult to get a hard wired power supply to a motor, Somfy's low voltage battery operated motors can be the ideal solution.


Power is supplied by regular AA lithium batteries contained in a metal tube discreetly mounted behind the blind.

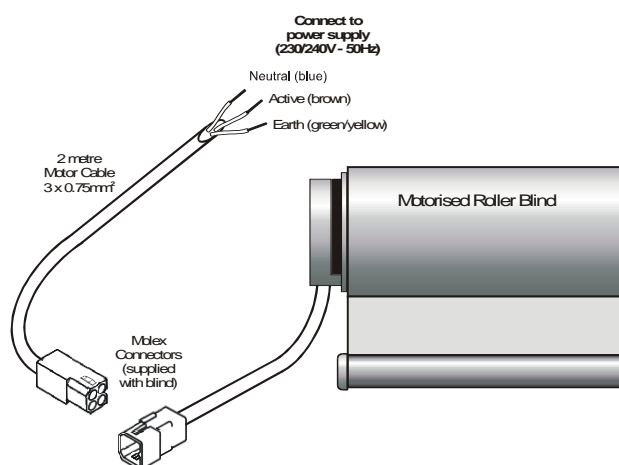


Inline cable connectors make installation and removal of your blinds easy work.

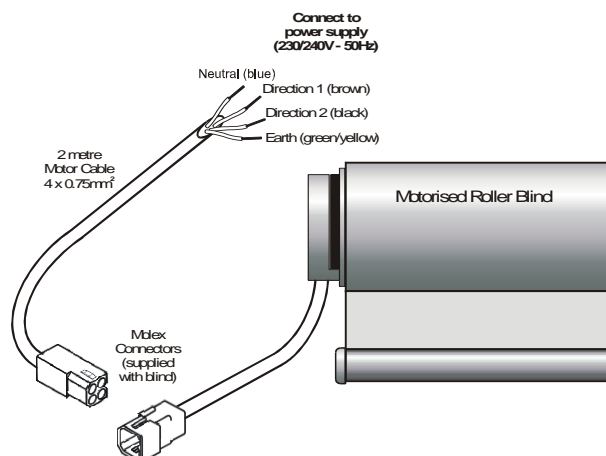
UNIFLEX ROLLER BLIND MOTOR ELECTRICAL DETAILS

General Information for UNIFLEX Tubular Blind Motors (Models: 35R & 35S)

| | | |
|---|--|-------------------------------|
| Current consumption at nominal torque | 121 watts | |
| Nominal supply voltage | 230/240V | |
| Rated current | 0.53 amps | |
| Length of motor cable | 1.6 metres | |
| Size of motor cable | 35R - 3 x 0.75mm ² | 35S - 4 x 0.75mm ² |
| Running time before thermal protector trips | 4 minutes | |
| Protection index | IP44 | |
| Compliance | C-Tick  | |
| Certificate of suitability | TUV R50082838 | |



35R



35S

Wiring Details

Motor control via radio remote control.

Motor control via wall switch (Clipsal 39MUOD or similar), or home automation system.

IMPORTANT

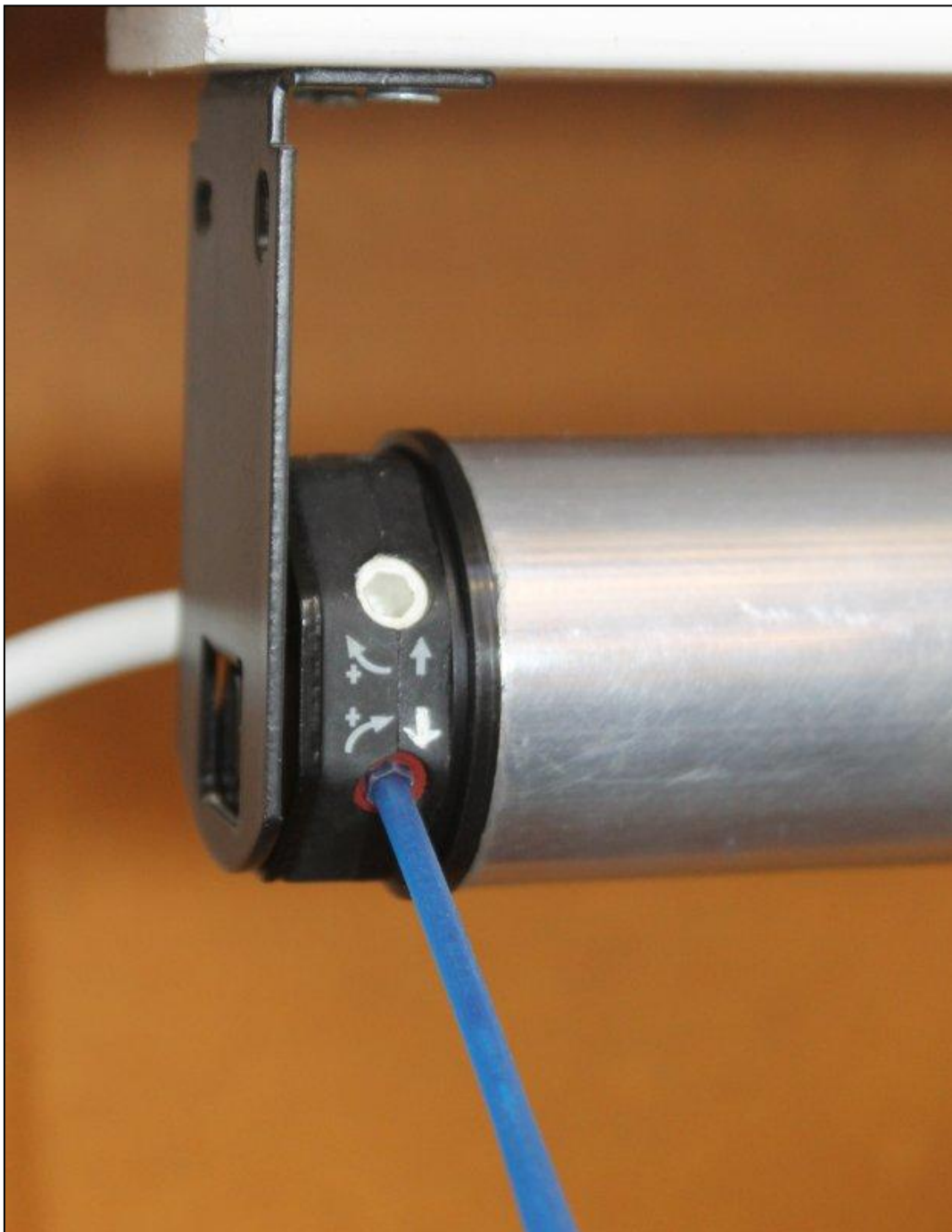
All electrical work must be carried out by a registered electrician.

Do not remove the Inline Connectors - it is a condition of the warranty that these remain attached to the motor cable and are easily accessible to allow for future repairs & maintenance to be easily carried out.

INSTALLATION INSTRUCTIONS

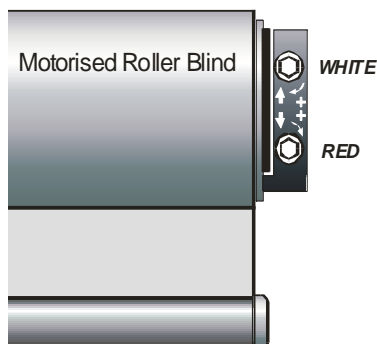
Notes:

- Please read all instructions carefully before handling, installing, wiring or operating motorised roller blinds.
- Take care when handling motorised roller blinds. The motor is located in the roller blind tube by friction only, and if miss-handled, may slide out of the blind and damage the motor and/or other people or property. Always hold the blind level, or with the motor end higher than the pin end to prevent this happening.
- If installing motorised blinds for the first time, allow extra time to program and adjust the first blind. The process is not complicated, but to the uninitiated it can be quite daunting to begin with. After the learning curve on the first blind is completed, installing any remaining blinds will be simple and straightforward.
- All electrical work must be carried out by a registered electrician. It is usually best to have the electrician pre-wire the motor cable tails a day or so before installing blinds.
- Some electricians may want to remove the inline connectors and wire the motor cables direct to power. DO NOT let this happen.... it's a condition of the warranty that the inline connectors remain attached to the motor cable and are easily accessible to allow for future repairs and maintenance.
- Don't run a blind up and down more than once or twice in a short period of time. Continuous operation of 4 minutes will cause the thermal protector to trip and the blind will cease to operate. When the motor cools down (maybe an hour or so), it will resume its normal functions.
- When a thermal protector trips, the motor will be extremely hot. This may have an effect on some blind fabrics as well as the adhesive attachment to the roller tube.
- When programming motors and remotes, it is best to program one blind at a time and leave other motors powered down so that they are not "re-programmed" by accident.
- When adjusting top or bottom limits, do not continue rotating the setting tool if nothing is happening...you may be changing the wrong setting. A good rule of thumb is to rotate 2 full turns, and if nothing happens, go back 2 turns to the start. Then you can check which direction and/or hex drive is the correct one to adjust.

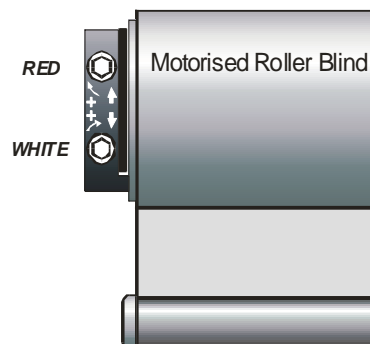


***ADJUSTING THE UPPER AND LOWER LIMITS OF A BLIND IS AS
SIMPLE AS TURNING AN ALLEN KEY***

UNIFLEX ROLLER BLIND MOTOR LIMIT SETTINGS



Motor on Right side of blind



Motor on Left side of blind

SETTING THE LOWER LIMIT SETTINGS.

Press the down button on the remote and allow the motor to travel down to the lower preset limit point. Choose the appropriate configuration of the blind from the list below.

A. Right Hand Motor with Conventional Roll.

Insert the limit setting tool into the RED hex drive and rotate the tool in a clockwise direction slowly until the desired lower limit is reached.

B. Right Hand Motor with Reverse Roll.

Insert the limit setting tool into the WHITE hex drive and rotate the tool in a clockwise direction slowly until the desired lower limit is reached.

C. Left Hand Motor with Conventional Roll.

Insert the limit setting tool into the WHITE hex drive and rotate the tool in a clockwise direction slowly until the desired lower limit is reached.

D. Left Hand Motor with Reverse Roll.

Insert the limit setting tool into the RED hex drive and rotate the tool in a clockwise direction slowly until the desired lower limit is reached.

The lower limit setting is now complete.

SETTING THE UPPER LIMIT SETTINGS.

Press the up button on the remote and allow the motor to travel up to the upper preset limit point. Choose the appropriate configuration of the blind from the list below.

A. Right Hand Motor with Conventional Roll.

Insert the limit setting tool into the WHITE hex drive and rotate the tool in a clockwise direction slowly until the desired upper limit is reached.

B. Right Hand Motor with Reverse Roll.

Insert the limit setting tool into the RED hex drive and rotate the tool in a clockwise direction slowly until the desired upper limit is reached.

C. Left Hand Motor with Conventional Roll.

Insert the limit setting tool into the RED hex drive and rotate the tool in a clockwise direction slowly until the desired upper limit is reached.

D. Left Hand Motor with Reverse Roll.

Insert the limit setting tool into the WHITE hex drive and rotate the tool in a clockwise direction slowly until the desired upper limit is reached.

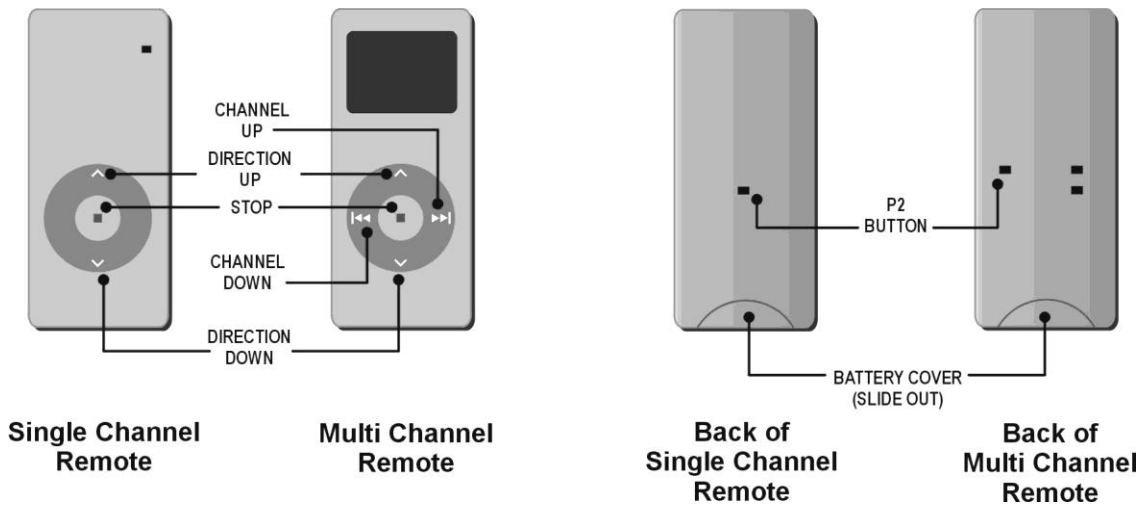
The upper limit setting is now complete. Power may now be disconnected from the motor without changing any of the remote or limit settings.

IF LIMITS ARE TAKEN TOO FAR

If the limit is taken too far, to take the limit backwards the limit setting tool needs to be inserted into the same hex drive as was used to extend the limit. However, it is now turned in an ANTI-CLOCKWISE direction.

The motor will not jump backwards as it does when the limits are extended. The motor needs to be controlled backwards via the remote and then forwards again until it reaches the new limit. Once you have gone back more than the desired limit, you simply turn the hex drive CLOCKWISE again until the desired limit is reached.

UNIFLEX 35R MOTOR - INITIAL PROGRAMMING



STOP: PLEASE READ EACH SECTION THOROUGHLY BEFORE COMMENCING PROGRAMMING. SOME STEPS REQUIRE TWO ACTIONS TO BE PERFORMED SIMULTANEOUSLY WITHIN A LIMITED TIME FRAME.

PROGRAMMING A MOTOR (OR MOTORS) TO A SINGLE CHANNEL REMOTE CONTROL

LEFT HAND MOTOR:

- Power up the motor.
- Motor will beep once.
- For **Conventional Roll**: press the P2 button on the remote 2 times, followed by the direction down button once.
- For **Reverse Roll**: press the P2 button on the remote 2 times, followed by the direction up button once.
- Motor will beep 7 times.
- Motor is now programmed to the remote. Power may be turned off without affecting remote settings.
- Repeat process for other motors as required.

RIGHT HAND MOTOR:

- Power up the motor.
- Motor will beep once.
- For **Conventional Roll**: press the P2 button on the remote 2 times, followed by the direction up button once.
- For **Reverse Roll**: press the P2 button on the remote 2 times, followed by the direction down button once.
- Motor will beep 7 times.
- Motor is now programmed to the remote. Power may be turned off without affecting remote settings.
- Repeat process for other motors as required.

PROGRAMMING MULTIPLE MOTORS TO A MULTI CHANNEL REMOTE CONTROL

NOTE: Best to do with only one motor powered up at a time.

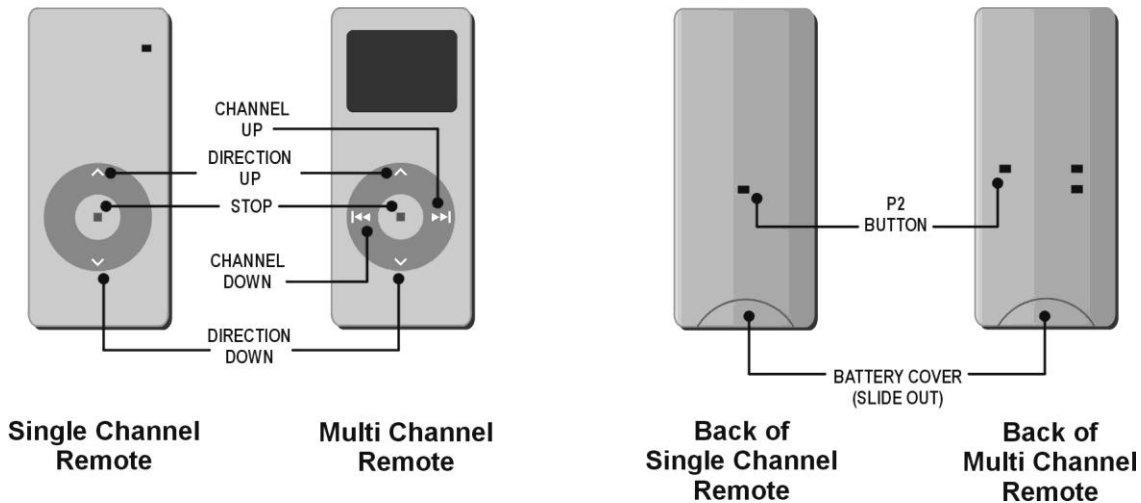
LEFT HAND MOTOR:

- Press the channel up or channel down button until the required channel that coincides with the motor/s you wish to program is indicated by the LCD screen.
- Power up the motor you wish to program to this channel.
- Motor will beep once.
- For **Conventional Roll**: press the P2 button on the remote 2 times, followed by the direction down button once.
- For **Reverse Roll**: press the P2 button on the remote 2 times, followed by the direction up button once.
- Motor will beep 7 times.
- Motor is now programmed to that channel on the remote. Power may be turned off without affecting remote settings.
- Repeat process for other motors as required.

RIGHT HAND MOTOR:

- Press the channel up or channel down button until the required channel that coincides with the motor/s you wish to program is indicated by the LCD screen.
- Power up the motor you wish to program to this channel.
- Motor will beep once.
- For **Conventional Roll**: press the P2 button on the remote 2 times, followed by the direction up button once.
- For **Reverse Roll**: press the P2 button on the remote 2 times, followed by the direction down button once.
- Motor will beep 7 times.
- Motor is now programmed to that channel on the remote. Power may be turned off without affecting remote settings.
- Repeat process for other motors as required.

UNIFLEX 35R MOTOR - ADDING EXTRA REMOTE



STOP: PLEASE READ EACH SECTION THOROUGHLY BEFORE COMMENCING PROGRAMMING. SOME STEPS REQUIRE TWO ACTIONS TO BE PERFORMED SIMULTANEOUSLY WITHIN A LIMITED TIME FRAME.

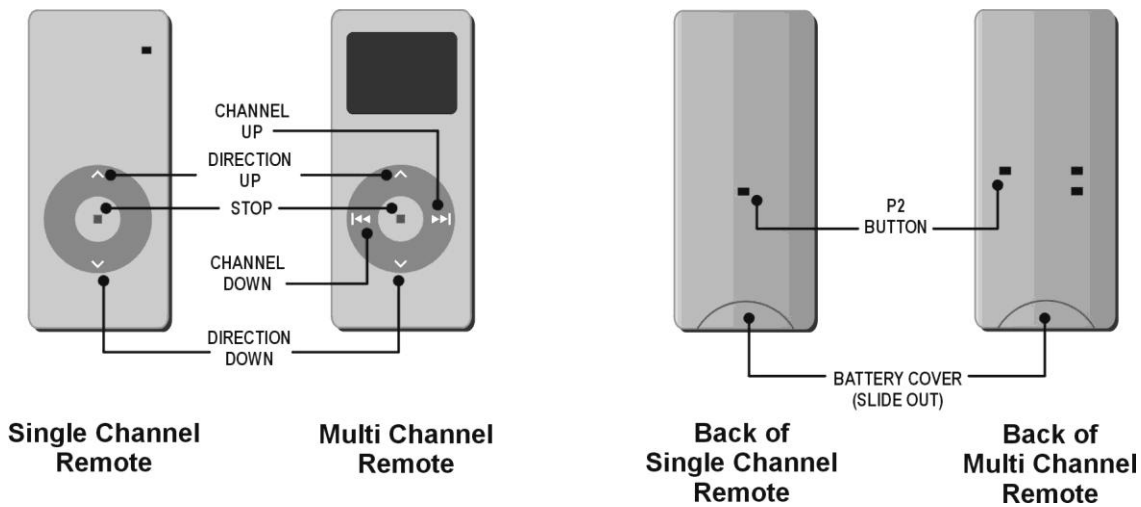
ADDING AN EXTRA SINGLE CHANNEL REMOTE CONTROL TO AN EXISTING REMOTE AND MOTOR/S

1. On the original remote (if using a multi-channel remote, ensure this is set to the channel controlling the motor/s you want to add the extra remote to), press the P2 twice.
2. On the remote that is being added, press the P2 button once.
3. Motor/s will beep 5 times.
4. The extra remote has now been added to the programmed remote and motor/s.

ADDING AN EXTRA MULTI CHANNEL REMOTE TO AN EXISTING REMOTE AND MOTOR/S

1. On the remote being added, press the channel up or channel down button until the channel you wish the motor to also be set to, is indicated by the LCD screen.
2. On the original remote (if using a multi-channel remote, ensure this is set to the channel controlling the motor/s you want to add the extra remote to), press the P2 button on the remote twice.
3. On the remote being added press the P2 button once.
4. Motor/s will beep 5 times.
5. The extra remote has now been added to the programmed remote and motor/s. Repeat steps 1 to 3 as required for all channels required to be copied across from the original remote.

UNIFLEX 35R MOTOR - PROGRAMMING CHANNELS



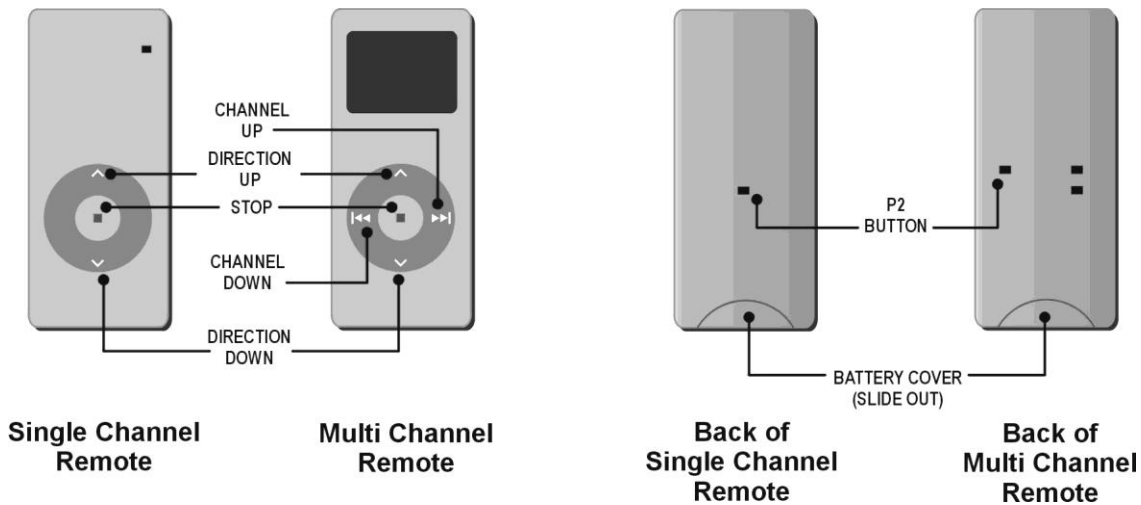
STOP: PLEASE READ EACH SECTION THOROUGHLY BEFORE COMMENCING PROGRAMMING. SOME STEPS REQUIRE TWO ACTIONS TO BE PERFORMED SIMULTANEOUSLY WITHIN A LIMITED TIME FRAME.

PROGRAMMING A MOTOR/S THAT IS ALREADY SET TO ONE CHANNEL, ONTO AN ADDITIONAL CHANNEL USING THE SAME MULTI CHANNEL REMOTE CONTROL

NOTE: *This method is useful when for example Motor A is programmed to Channel 1 and Motor B is programmed to Channel 2 but you wish for both Motor A and Motor B to roll together on Channel 3. Ensure you have enough channels on the remote you are using to do this. The more combinations you wish to add, the higher the number of channels required on your remote.*

1. On the remote select the original channel the motor is already programmed to.
2. Press the P2 button on the remote twice.
3. Select the new desired channel on the remote by pressing the channel up or channel down button until this channel is indicated by the LCD screen.
4. Press the P2 button on the remote once.
5. The motor will beep 5 times.
6. The motor should now operate on both the old and new channel.
7. Switch off power to this motor. Power up the next motor and repeat steps to add it to the same new channel.
8. Once the last motor has been programmed to this new channel, switch power to all motors back on. All motors should now operate both individually on their original channel, and together on the new common channel.

UNIFLEX 35R MOTOR - CLEARING MEMORY



STOP: PLEASE READ EACH SECTION THOROUGHLY BEFORE COMMENCING PROGRAMMING. SOME STEPS REQUIRE TWO ACTIONS TO BE PERFORMED SIMULTANEOUSLY WITHIN A LIMITED TIME FRAME.

CLEARING THE MEMORY OF A MOTOR/S PROGRAMMED TO A SINGLE CHANNEL REMOTE CONTROL

NOTE: This action will automatically remove the motor/s from all channels on all remotes it may have previously been programmed to. Only the motor/s being cleared from a remote are to be powered up. Leave remaining motors powered down otherwise they too will be cleared.

1. Press the P2 button on the remote once.
2. Press the stop button on the remote once.
3. Press the P2 button on the remote once and the motor will beep 4 times.
4. Memory has now been cleared.

CLEARING THE MEMORY OF A MOTOR/S PROGRAMMED TO A MULTI CHANNEL REMOTE CONTROL

NOTE: This action will automatically remove the motor/s from all channels on all remotes it may have previously been programmed to. Only the motor/s being cleared from a remote are to be powered up. Leave remaining motors powered down otherwise they too will be cleared.

1. Press the channel up or channel down button until the required channel that coincides with the motor/s you wish to clear is indicated by the LCD screen.
2. Press the P2 button on the remote once.
3. Press the stop button on the remote once.
4. Press the P2 button on the remote once and the motor will beep 4 times.
5. Memory of the motor/s on that channel has now been cleared.