# Remote Programming Guide

INS-C035

# Important Safety instructions

**WARNING: To reduce the risk of severe injury or death, it is important to follow these instructions for personal safety. Save these instructions.**

- Read and follow all installation instructions.
- This appliance can be used by children aged
  8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children should not play with the appliance. Cleaning and user maintenance should not be performed by children without supervision.
- Do not allow children to play with fixed controls. Keep remote controls away from children.
- Frequently examine the installation for imbalance and signs of wear or damage to cables and springs. Do not use if repair or adjustment is necessary.
- The drive must be disconnected from its power source during cleaning, maintenance and when replacing parts.
- The A-weighted emission sound pressure level of the drive is equal to or less than 70dB(A).
- Indoor and household use only.
- Disconnect the drive from the power supply or switch off the automatic controls when maintenance, such as window cleaning, is being carried out in the vicinity.
- When operating a biased switch, make sure that other persons are kept away.
- Do not operate when maintenance, such as window cleaning, is being carried out in the vicinity.
- The tube motor must only be supplied with safety extra low voltage corresponding to the marking on the appliance.
- This appliance contains batteries that are non-replaceable.

## Cleaning

Follow these general rules when cleaning the outside of the device and its components:
Use a damp, soft, lint-free cloth. Avoid getting moisture in openings.
Do not use aerosol sprays, solvents, alcohol, or abrasives.
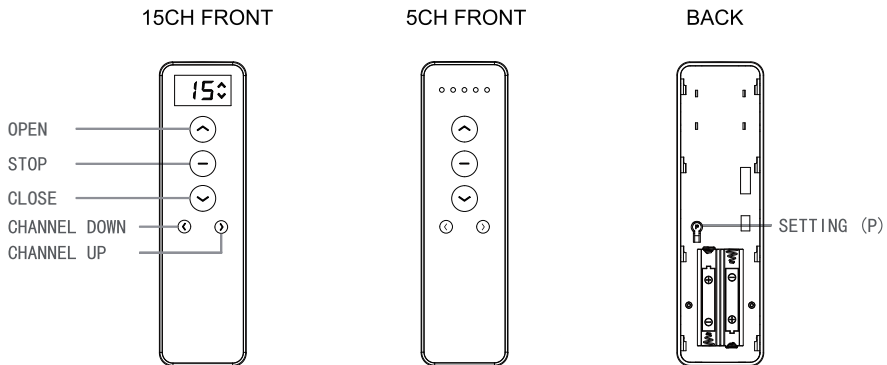
## Service & Support

Do not perform repairs yourself. Do not attempt to open the device or disassemble it. You run the risk of electric shock and voiding the limited warranty. No user-serviceable parts are inside.

# TABLE OF CONTENTS

Each battery motor from Smart will come preprogramed from the factory. The preprograming ensures the remote is paired with the motor, the upper and lower operation limits are set, the remote is unlocked.

# Button Instructions

15CH FRONT       5CH FRONT       BACK

OPEN

STOP

CLOSE

CHANNEL DOWN

CHANNEL UP

SETTING (P)

| TECHNICAL SPECIFICATIONS ||
|---|---|
| Voltage: | 3V |
| Frequency: | 433.92 MHz |
| Transmitting Power: | 30 milliwatt |
| Ambient Operating Temperature: | -10°C - 50°C |
| Transmission Distance: | Approx. 65 feet in open space |
| Battery: | AAA |

## FEATURES

- Push Button controls
- Led Display
- Hide unused channels function
- Wall mount holder

## PACKAGE CONTENTS

- Remote
- Wall mount holder & fixing screws
- 1.5V - AAA Battery 2 cells

**(Optional)**

RJ11-6P6C

White=COM
Red=STOP
Green=UP
Black=DOWN

1
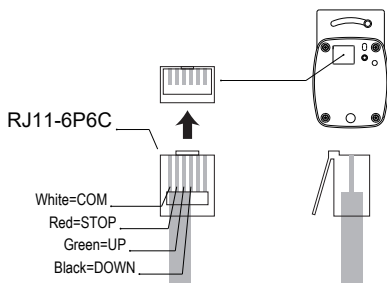
# Pairing

## 1. SELECT CHANNEL

### 1a
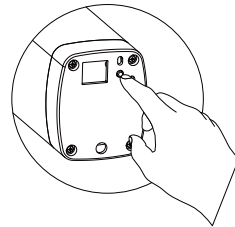Press any button to wake remote.

### 1b
Within **10sec** Press " ‹ " **or** " › "to select desired channel.

‹ ›

## 2. PAIRING REMOTE TO MOTOR

### 2a ACTIVATE PAIRING MODE ON MOTOR

**Press & HOLD Motor Button(2sec)**

Note: 1 flash and 1 beep

**Activate Pairing Mode**

**Approx.** 2 SECS

Motor Response
1 flash and 1 beep
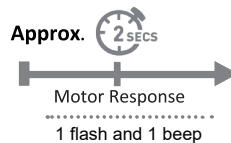
### 2b PAIRING REMOTE

**Within** 10 **sec** of activating pairing mode, Press & Hold **STOP**

Press **STOP** (2**sec**)

Note: 5 flashes and 3 beeps

If you do not pair the remote in time the motor pairing sequence will time out, repeat the above steps assuring to press and hold the STOP button within 10 seconds of the motor jog

# Switch Rotating Direction (Optional)

**Reverse Motor Direction If Required**

**Method one:**

**REMOTE OPERATION**

(Reversing motor direction using this method is only possible during initial set-up, prior to first time limit setting, or after a re-set of motor)

To check motor direction, quickly press the OPEN __or__ CLOSE button to move the shade initially. Press STOP to pause the shade operation.

IF PRESS OPEN AND MOTOR IS CLOSED-Press and hold down the OPEN __and__ CLOSE button simultaneously until the motor 5 flashes and 3 beeps.

Press and Hold OPEN + CLOSE (2sec)

or
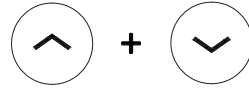
Note: the motor 5 flashes and 3 beeps
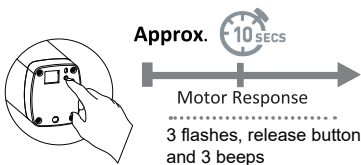
**Method two:**

IF PRESS OPEN AND MOTOR IS CLOSED-Press and hold motor button for 10S (3 flashes), release button and beeps 3 times, press CLOSE (5 flashes and 3 beeps), the direction has been switched successfully.

Press & Hold motor button (10sec)

Approx. 10 SECS

Motor Response
3 flashes, release button and 3 beeps

**Press** CLOSE **botton once**

Note: the motor 5 flashes and 3 beeps

# Setting Open and Close Limits

**Important!!** When attempting below steps, be sure to stop the shade prior to traveling past the desired position or damage to product can occur.

Press OPEN once, the curtain will open until stop against obstacle, then press CLOSE once, the curtain will close until stop against obstacle. The motor will flash 5times and beep 3 times, the limit switch has been set successfully.

**(To SET Open limit)**

Press **OPEN** once. the curtain will open until stop against obstacle.

**(To SET Close limit)**

Press **CLOSE** once. the curtain will close until stop against obstacle.

Note: the motor 5 flashes and 3 beeps

**Important!!** Remember to return the remote control to "L" mode as previously described to prevent inadvertent shade adjustment during normal operation and remote handling.
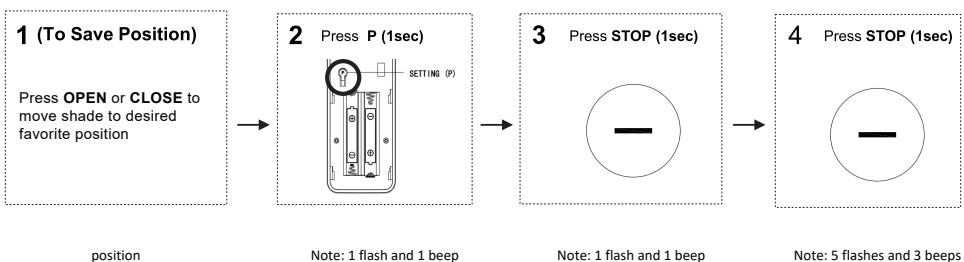
4

# Favorite Positions

The preprograming ensures the remote is paired with the motor, the upper and lower operation limits are set, the remote is unlocked.

Follow the below steps to set a favorite position . The favorite position is used to set a custom stopping point between the OPEN and CLOSE limits. (1 favorite position per shade motor)
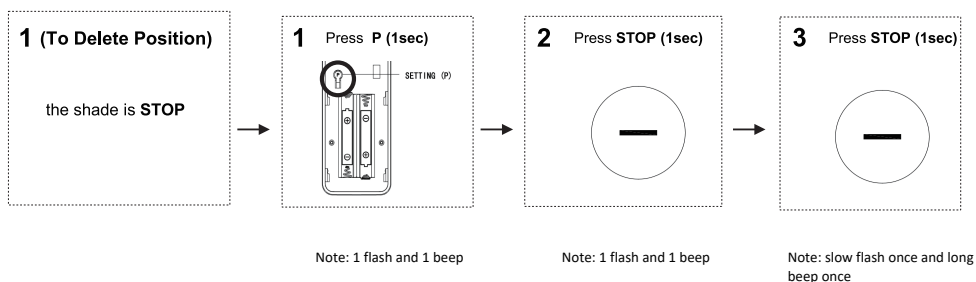
To set a favorite position for a shade motor, drive to the desired position and press the STOP button to pause the drive operation.

## SETTING FAVORITE POSITION

**1 (To Save Position)**

Press **OPEN** or **CLOSE** to move shade to desired favorite position

position

**2** Press **P (1sec)**

SETTING (P)

Note: 1 flash and 1 beep

**3** Press **STOP (1sec)**

Note: 1 flash and 1 beep

**4** Press **STOP (1sec)**

Note: 5 flashes and 3 beeps

- *Press STOP (2sec) to move shade to the Favorite Position from any location*
- *Repeat Steps 1-4 for all additional motors*

## DELETING FAVORITE POSITION

**1 (To Delete Position)**

the shade is **STOP**

**1** Press **P (1sec)**

SETTING (P)

Note: 1 flash and 1 beep

**2** Press **STOP (1sec)**

Note: 1 flash and 1 beep

**3** Press **STOP (1sec)**
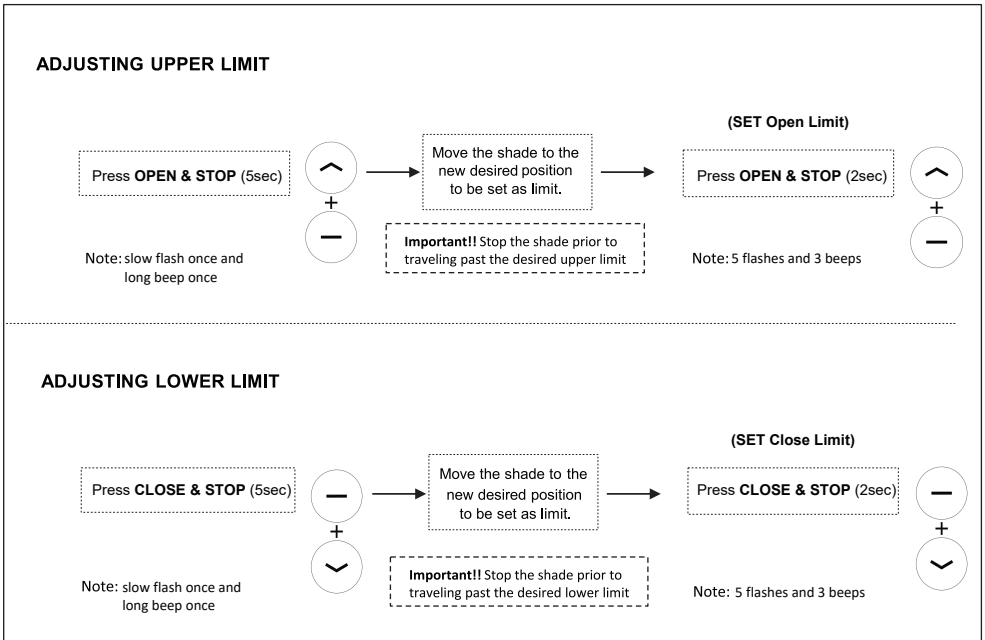
Note: slow flash once and long beep once

# Adjust Limits

The preprograming ensures the remote is paired with the motor, the upper and lower operation limits are set, the remote is unlocked .

Follow the below steps to adjustthe OPEN and CLOSE limits if required:

> If limits need adjusting, follow the instructions below to unlock the remote for limit setting:

**ADJUSTING UPPER LIMIT**

Press **OPEN & STOP** (5sec)

∧ + ⊖

Note: slow flash once and long beep once

Move the shade to the new desired position to be set as limit.

**Important!!** Stop the shade prior to traveling past the desired upper limit

**(SET Open Limit)**

Press **OPEN & STOP** (2sec)

∧ + ⊖

Note: 5 flashes and 3 beeps

**ADJUSTING LOWER LIMIT**

Press **CLOSE & STOP** (5sec)

⊖ + ∨

Note: slow flash once and long beep once

Move the shade to the new desired position to be set as limit.

**Important!!** Stop the shade prior to traveling past the desired lower limit

**(SET Close Limit)**

Press **CLOSE & STOP** (2sec)

⊖ + ∨

Note: 5 flashes and 3 beeps

# Pair / Unpair Additional Emitter

The preprograming ensures the remote is paired with the motor, the upper and lower operation limits are set, the remote is unlocked.

Follow the below steps to copy settings from an existing remote to a new remote.

## 1. SELECT CHANNEL

**1a**
Press any button to wake remote

**1b**
Within **10sec** Press "❮" **or** "❯" to select desired channel.

Note: Select channel on existing remote to be copied
Select channel on new remote where existing channel will be copied
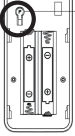
## 2. ADD OR REMOVE REMOTE USING AN EXISTING REMOTE

**1** Press P **(1sec)**

SETTING (P)

EXISTING

Note: 1 flash and 1 beep

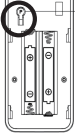**2** Press **P (1sec)**

SETTING (P)

EXISTING

Note: 1 flash and 1 beep

**3** Press **P (1sec)**

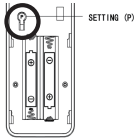SETTING (P)

NEW
(To be Added or Removed)

Note: 5 flashes and 3 beeps

• *Repeat the same process will activate the function.*

# Deleting All Limits

Press P (1 flash and 1 beep) , CLOSE (1 flash and 1 beep) , and P (5 flashes and 3 beeps) , all limits are removed.
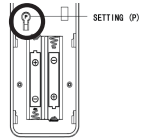
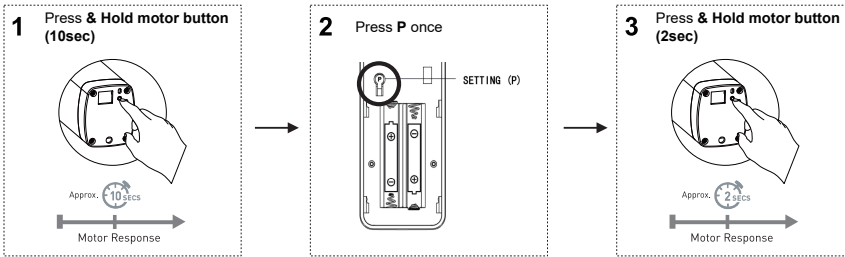| **1** Press **P (1sec)** | **2** Press **CLOSE (1sec)** | **3** Press **P (1sec)** |
|---|---|---|
| SETTING (P) | | SETTING (P) |
| Note: 1 flash and 1 beep | Note: 1 flash and 1 beep | Note: 5 flashes and 3 beeps |

# Weak-current Switch Modes (Optional)

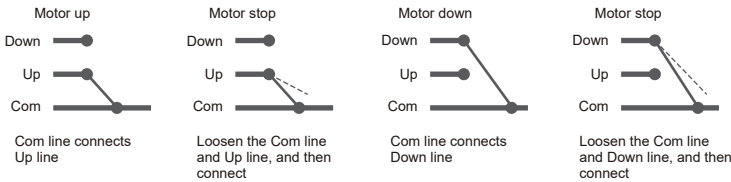**1  Double button pushbutton switch mode (Factory default)**

Press and hold motor button for 10S (3 flashes), release button and beeps 3 times, press P once (1 flash and 1 beep), then press  button for 2S (5 flashes and 3 beeps), the mode has been successfully switched.

| **1** Press **& Hold motor button** (10sec) | **2** Press **P** once | **3** Press **& Hold motor button** (2sec) |
|---|---|---|
| Approx. 10 SECS — Motor Response | SETTING (P) | Approx. 2 SECS — Motor Response |
| Note: 3 flashes, release button and 3 beeps | Note: 1 flash and 1 beep | Note: 5 flashes and 3 beeps |

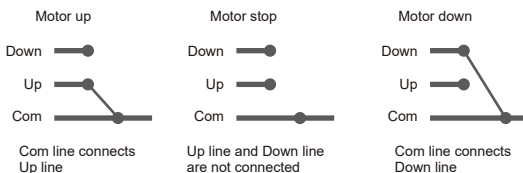| Motor up | Motor stop | Motor down | Motor stop |
|---|---|---|---|
| Down | Down | Down | Down |
| Up | Up | Up | Up |
| Com | Com | Com | Com |
| Com line connects Up line | Loosen the Com line and Up line, and then connect | Com line connects Down line | Loosen the Com line and Down line, and then connect |

**2  Mechanical switch mode**

Press and hold P1 button for 10S (3 flashes), release button and beeps 3 times, press P2 twice (2 flashes and 2 beeps) then press P1 button for 2S (5 flashes and 3 beeps), the mode has been successfully switched.
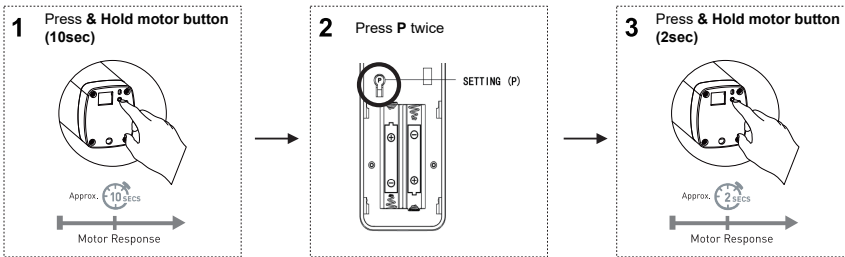
| **1** Press **& Hold motor button** (10sec) | **2** Press **P** twice | **3** Press **& Hold motor button** (2sec) |
|---|---|---|
| Approx. 10 SECS — Motor Response | SETTING (P) | Approx. 2 SECS — Motor Response |
| Note: 3 flashes, release button and 3 beeps | Note: 2 flash and 2 beep | Note: 5 flashes and 3 beeps |

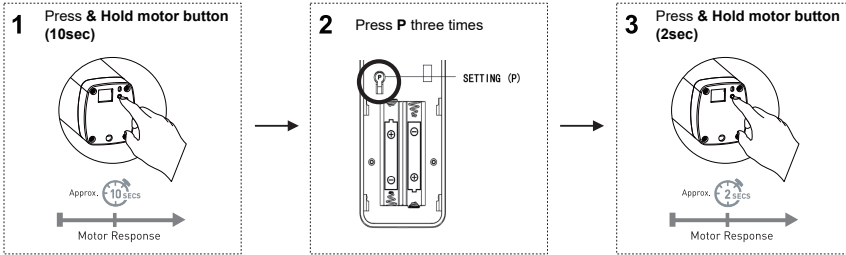| Motor up | Motor stop | Motor down |
|---|---|---|
| Down | Down | Down |
| Up | Up | Up |
| Com | Com | Com |
| Com line connects Up line | Up line and Down line are not connected | Com line connects Down line |

# Weak-current Switch Modes (Optional)
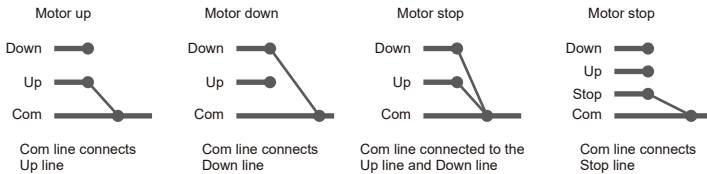
**3  Electronic switch mode**

Press and hold P1 button for 10 S (3 flashes ) release button and beeps 3 times, press P2 for 3 times (3 flashes and 3 beeps), then press P1 button for 2S (5 flashes and 3 beeps), the mode has been successfully switched.

**1** Press **& Hold motor button** (10sec)

Approx. 10 SECS

Motor Response

Note: 3 flashes, release button and 3 beeps

**2** Press **P** three times

SETTING (P)

Note: 3 flash and 3 beep

**3** Press **& Hold motor button** (2sec)

Approx. 2 SECS

Motor Response

Note: 5 flashes and 3 beeps

| Motor up | Motor down | Motor stop | Motor stop |
|---|---|---|---|
| Down | Down | Down | Down |
| Up | Up | Up | Up |
| Com | Com | Com | Stop |
| | | | Com |
| Com line connects Up line | Com line connects Down line | Com line connected to the Up line and Down line | Com line connects Stop line |

**4  Single channel pushbutton switch mode**

Press and hold P1 button for 10S (3 flashes), release button and beeps 3 times, press P2 for 4 times (4 flashes and 4 beeps), then press P1 button for 2S (5 flashes and 3 beeps), the mode has been successfully switched.
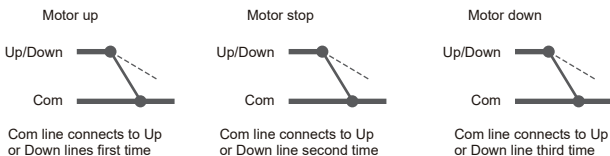
**1** Press **& Hold motor button** (10sec)

Approx. 10 SECS

Motor Response

Note: 3 flashes, release button and 3 beeps

**2** Press **P** four times

SETTING (P)

Note: 4 flash and 4 beep

**3** Press **& Hold motor button** (2sec)

Approx. 2 SECS

Motor Response

Note: 5 flashes and 3 beeps

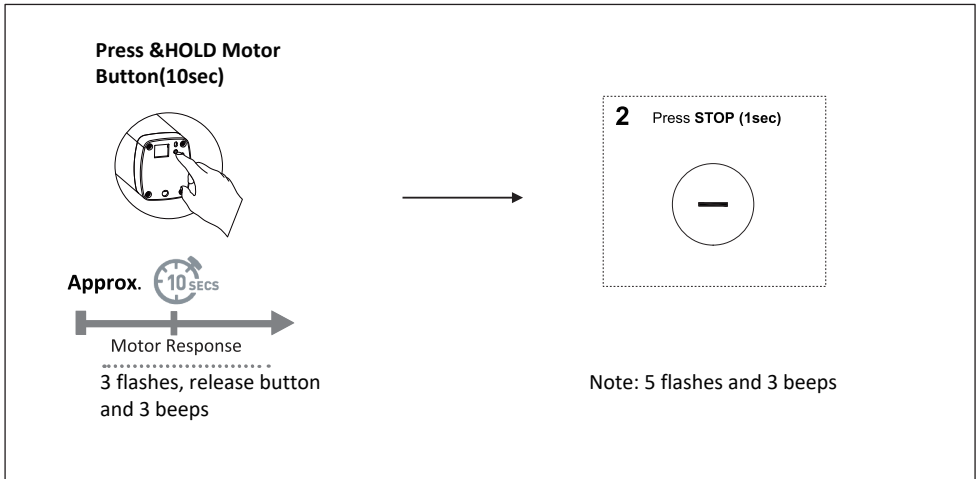| Motor up | Motor stop | Motor down |
|---|---|---|
| Up/Down | Up/Down | Up/Down |
| Com | Com | Com |
| Com line connects to Up or Down lines first time | Com line connects to Up or Down line second time | Com line connects to Up or Down line third time |
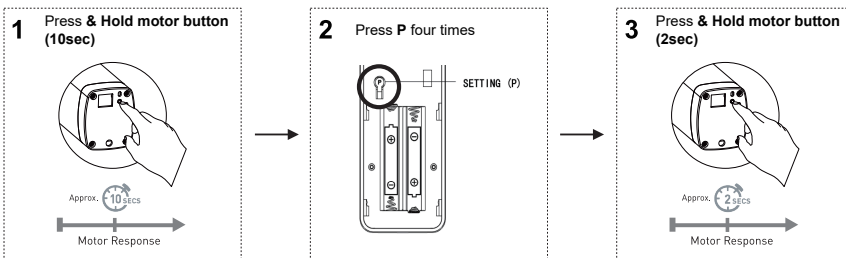
# Run/Stop by Pulling Fabric

The preprograming ensures the remote is paired with the motor, the upper and lower operation limits are set, the remote is unlocked

Do the following steps to manually open/close the shades if needed.

*The factory default mode is ON.

**Press &HOLD Motor Button(10sec)**

**Approx.** 10 SECS

Motor Response

3 flashes, release button and 3 beeps

**2** Press **STOP (1sec)**

Note: 5 flashes and 3 beeps

• *Repeat the same process will activate the function.*

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# Speed Regulation

Each battery motor will come preprogramed from Smart .
The preprograming ensures the remote is paired with the motor, the upper and lower operation limits are set, the remote is unlocked

Follow the below steps to adjust the motor speed. To adjust the motor speed a remote must be paired.

To enter speed adjustment mode remove the rear battery cover of the remote.  Press  the left **P** button.

SETTING (P)
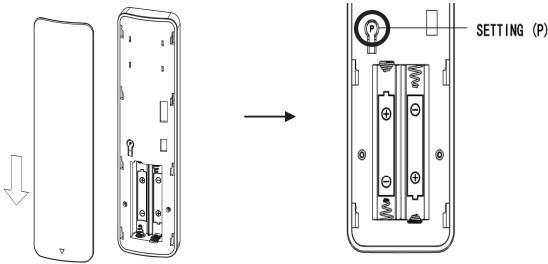
Note: 1 flash and 1 beep

To Increase speed:

**IMPORTANT**
If the motor beeps twice and the indicator light flashes rapidly, its' speed has reached the maximum or minimum level.

Press OPEN:

Repeat

Press OPEN:

Note: 1 flash and 1 beep

Note:  5 flashes and long beep once

To Decrease speed:

**IMPORTANT**
If the motor beeps twice and the indicator light flashes rapidly, its' speed has reached the maximum or minimum level.

Press CLOSE:

Repeat

Press CLOSE:
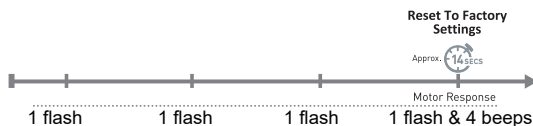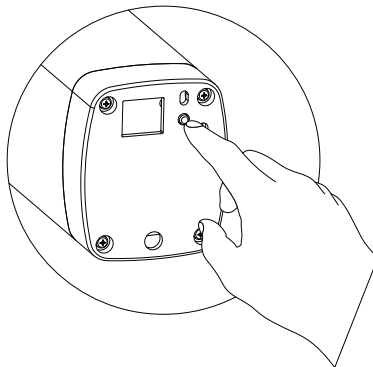
Note: 1 flash and 1 beep

Note: 5 flashes and long beep once

# Reset to Factory Mode

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The preprograming ensures the remote is paired with the motor, the upper and lower operation limits are set, the remote is unlocked .

Follow the below steps to resetthe motor to factory settings and  delete all limits/remote pairings.

To reset the shade motor to factory settings with no stored limits locate the P1 button on the motor head . Hold the botton button for 14 seconds . ( 4 flash 4 beeps )

**Reset To Factory Settings**

Approx. 14 SECS

Motor Response

1 flash          1 flash          1 flash        1 flash & 4 beeps

The motor will 4 flash and 4 beeps times before the reset is complete . The vvvvv button must be held the entire time . Red led light on confirm the factory reset is complete

 ***Refer to the intial Setup Programming section to program a shade after a factory reset.***