

# Stelor

## SR25 TUBULAR MOTOR



operating instructions



## **PRIOR INFORMATION SPHERE OF APPLICATION**

Tubular Motors are designed to drive all types of roller blinds. The installer, a home motorisation and automation professional, must ensure that once the driven product is installed, it respects the current standards in the country of installation, notably standard EN 13120 relative to interior blinds.

## **LIABILITY**

Before installing and using the drive, please read these instructions carefully.

The drive must be installed by a home motorisation and automation professional, in accordance with Stelor Motors instructions, and the applicable regulations in the country of installation.

Any operation of the drive outside the sphere of application described above is prohibited. Such operation shall exclude Stelor Motors from all liability and invalidate the warranty, as will any failure to comply with the instructions given herein.

After installing the drive, the installer must inform the customer of the operating and maintenance conditions for the drive and must pass the operating and maintenance instructions on to them. Any After-Sales Service operation on the drive requires intervention by a home motorisation and automation professional.

Should any doubt arise during installation of the drive or for additional information, visit [www.stelormotors.com](http://www.stelormotors.com)

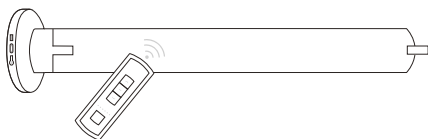
## **ATTENTION**

- These instructions are mandatory for the home motorisation and automation professional installing the drive.
- Never drop, knock or puncture the drive or immerse it in liquid.
- Install an individual control point for each drive.

# Key Features

---

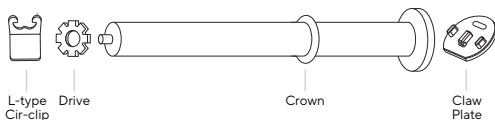
- Energy Saving Patent.
- Using the remote control, set up to 6 limits, including an upper limit, a lower limit, and 4 middle positions.
- Short/open circuit protection.



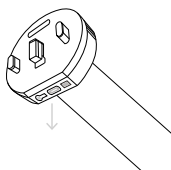
## Motor Assembly:

---

- Fit crown by sliding along the motor body until it meets the motor head.
- Fit the drive using the L-type cir-clip to secure in position.
- Insert the claw plate supplied into the motor head in either left hand or right hand orientation as required.



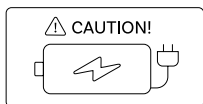
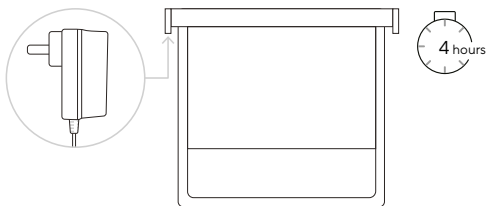
When fitting motor into the blind ensure that program button and charging point are facing down.



# Recharging the Battery

---

- Built-in Rechargeable Lithium Battery Pack.
- Recharge using an external charger (5V DC 1.0A)
- If battery is low, red light will flash, motor will switch to jog mode.
- The indicator light turns red when charging and will turn green when charging is finished.
- Charge time is 4 hours.
- A full charge will last 4 - 5 months.



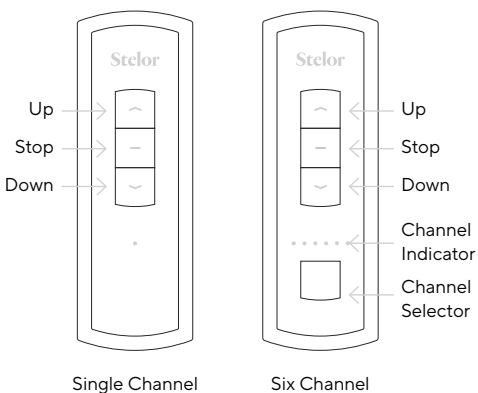
Please charge lithium battery devices at least 6 hours every 6 months to extend battery life.

# Remote Features

---

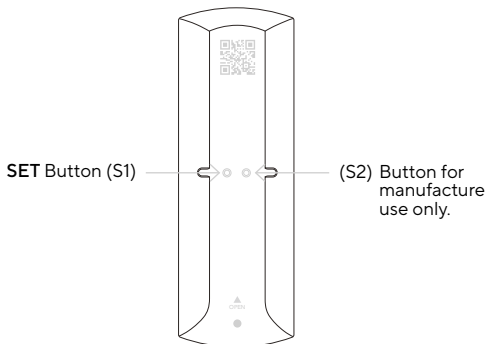
## Front

---



## Back

---

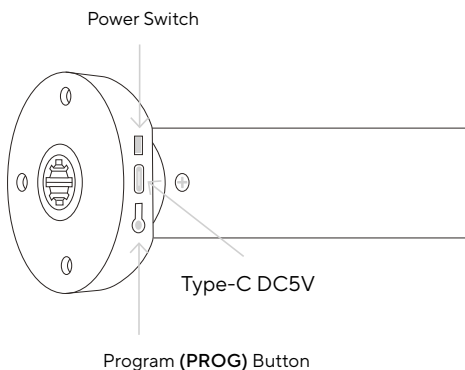


# Motor Features

---

## Motor head

---



**NOTE:** Once programming has started if there is no action in 10 seconds, the motor will exit programming automatically indicated by the motor jogging once.

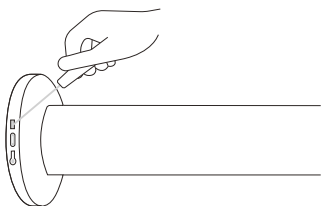
# Operating Instructions

---

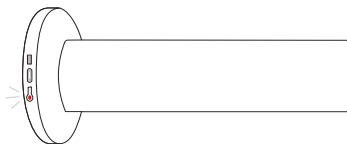
*\* Before operation, please ensure battery is fully charged.*

## Switching ON:

---



- Turn the Power Switch to **ON** position.

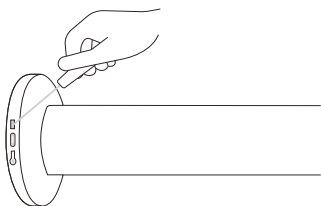


- The red light flashes to indicate the motor is now **ON**.

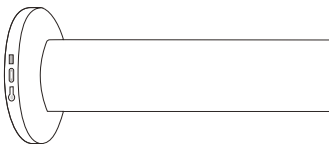


## Switching OFF:

---



- Turn the Power Switch to **OFF** position.

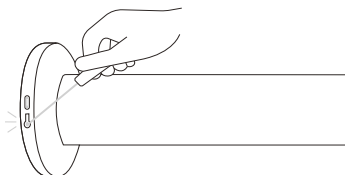


- The motor is now **OFF**.

# Pairing the Remote

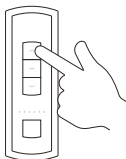
---

If using a multi channel remote, select the desired channel using the channel selector before pairing the remote. Channels are indicated via a blue light.



## Step 1

Press “**PROG BUTTON**” for 1 second, the motor should jog once, indicating that program mode has been activated. If there is no action in 10 seconds, the motor will exit programming automatically.



## Step 2

Press **UP** on the remote.



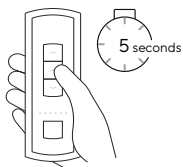
## Step 3

The motor will jog again, indicating that the remote has been paired with the blind.

# Adjusting Rotational Direction

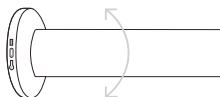
---

If desired, motor direction can be changed.



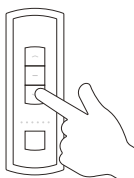
## Step 1

Press and hold **STOP** on the paired remote for **5 seconds**.



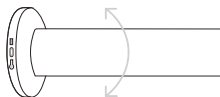
## Step 2

The motor will jog once.



## Step 3

Press the **DOWN** button on the remote.



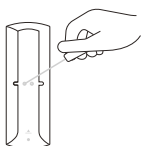
## Step 4

The motor will jog once to indicate direction change.

# Limit Position

## Setting the upper limit:

Once limit setting is started, complete the limit setting process fully. Adjusting rotation direction and Fine-tuning limits can be modified afterwards.



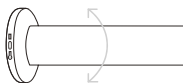
### Step 1

Using a pin, press the **SET** button on the back of the remote.



### Step 3

Press the **UP** button on the remote until the blind reaches the desired upper position, then press **STOP**.



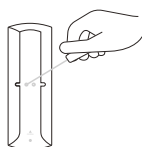
### Step 5

The motor will jog once, to indicate the upper limit has been set.



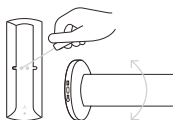
### Step 2

The motor will jog once, to indicate the motor is now in limit setting mode.



### Step 4

Press **SET** button on the back of the remote.



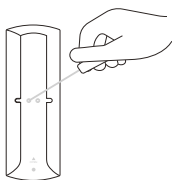
### Step 6

Press **SET** button again to confirm upper limit.

The motor will jog once to indicate the limit has been **confirmed**.

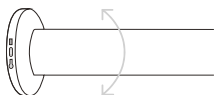
# Limit Position

## Setting the lower limit:



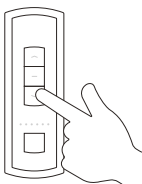
### Step 1

Using a pin, press the **SET** button on the back of the remote.



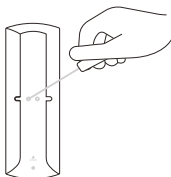
### Step 2

The motor will jog once, to indicate the motor is now in limit setting mode.



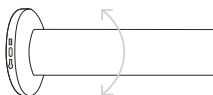
### Step 3

Press the **DOWN** button on the remote until the blind reaches the desired lower position, then press **STOP**.



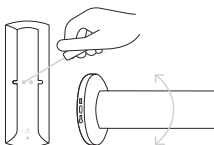
### Step 4

Press **SET** button on the back of the remote.



### Step 5

The motor will jog once, to indicate the limit has been set.



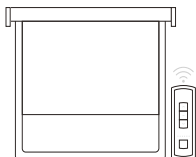
### Step 6

Press **SET** button again to confirm lower limit.

The motor will jog once to indicate the limit has been **confirmed**.

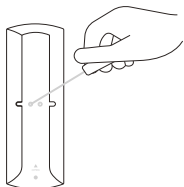
# Setting Middle Limits

Maximum 6 limits, including an upper limit, a lower limit, and 4 middle positions.



## Step 1

Move the blind to the desired position.



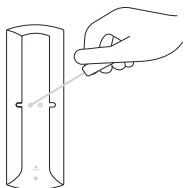
## Step 2

Press the **SET** button on the back of the remote.



## Step 3

The motor will jog once, to indicate motor is now in limit setting mode.

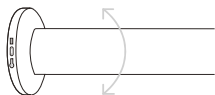


## Step 4

Press the **SET** button again on the back of the remote.

## Step 5

Once the motor jogs, the new limit position is set and **confirmed**.



**NOTE:** When middle limits are set, you can move the blind directly to the upper or lower limit by pressing the up or down button twice, with a gap of 1 second between presses. The blind will bypass any middle positions and move continuously to the selected limit, regardless of the blind's current position.

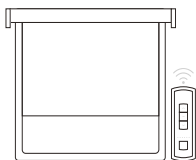
# Fine-Tuning & Deleting the Limits

---

Each limit position can be fine-tuned or deleted separately, excluding the first limit position, which can only be deleted when all limit memories have been deleted.

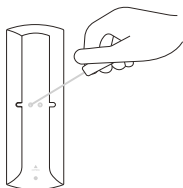
## To Fine-Tune:

---



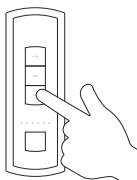
### Step 1

Move the blind to the limit you wish to fine-tune.



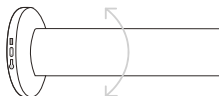
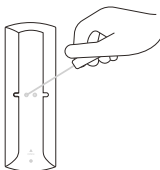
### Step 2

Press the **SET** button on the back of the remote until the motor jogs once.



### Step 3

Using the **UP** or **DOWN** arrows, fine-tune the blind to the desired position.



### Step 4

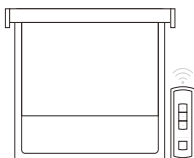
Press the **SET** button until the motor jogs once. Fine-tuning will now be complete.

# Fine-Tuning & Deleting the Limits

---

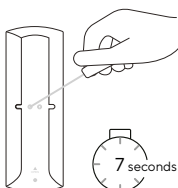
## To Delete:

---



### Step 1

Move the blind to the limit you wish to delete.



### Step 2

Hold the **SET** button at the back of the remote for **7 seconds**. Motor will jog within 1 second, **continue to hold**.



### Step 3

The motor will jog again after the **7th second** to indicate the limit position is now deleted.

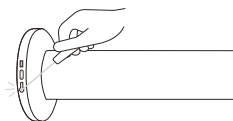


# Deleting all Memory (Option A)

---

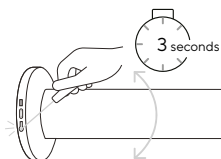
Deleting all memory will return the motor back to factory settings.

**NOTE:** Steps 1, 2 and 3 need to be performed within 5 seconds of each other.



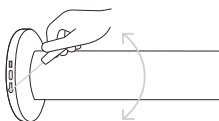
## Step 1

Press the **PROG** button on the motor until the red light turns on then **repeat** this.



## Step 2

Press and hold the **PROG** button on the motor for **3 seconds**. The red light will begin to flash.



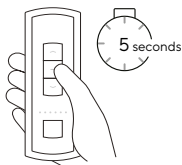
## Step 3

Press and hold the **PROG** button on the motor until it jogs twice. The memory has now been deleted.

# Deleting all Memory (Option B)

---

Deleting all memory will return the motor back to factory settings.



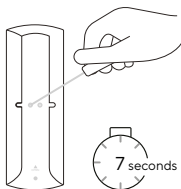
## Step 1

Press and hold **STOP** on the paired remote for **5 seconds**.



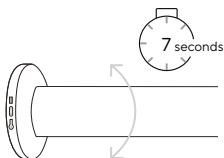
## Step 2

The motor will jog once.



## Step 3

Hold the **SET** button at the back of the remote for **7 seconds**. Motor will jog within 1 second, **continue to hold**.



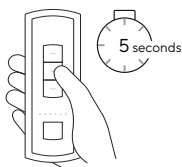
## Step 4

The motor will jog twice after the **7th second** to indicate the memory has now been deleted.

# Removing a Remote/Channel

If desired, a remote or channel can be removed without deleting the limits.

If removing a channel from a multi channel remote, select the desired channel using the channel selector. If removing the multi-channel remote completely, select all channels using the channel selector on the remote.



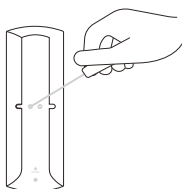
## Step 1

Press and hold **STOP** on the paired remote for **5 seconds**.



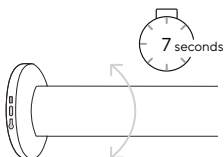
## Step 2

The motor will jog once.



## Step 3

Using a pin, press the **SET** button at the back of the remote.



## Step 4

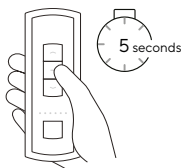
The motor will jog once to indicate the remote/channel has been removed.

# Adding an additional remote

---

Up to 20 remotes can be paired to a motor.

If using a multi channel remote, select the desired channel using the channel selector before pairing the remote. Channels are indicated via a blue light.



## Step 1

Press and hold **STOP** on the paired remote for **5 seconds**.

## Step 2

The motor will jog once.



## Step 3

Press **UP** on the remote you want to pair.

## Step 4

The motor will jog once, indicating the remote has been paired with the motor.



If you want to replace a lost/damaged remote, follow the steps in '**Pairing the Remote**' section in this guide.







Stelor Motors hereby declares that the drive covered by these instructions and used as intended according to these instructions, is in compliance with the essential requirements of the applicable European Directives and in particular of the Machinery Directive 2006/42/EC, and the Radio Directive 2014/53/EU.

This declaration confirms that the Stelor Motor systems have been designed and manufactured in accordance with the regulatory standards set forth by the European Union. It ensures that our motors meet the necessary safety, health, and environmental protection requirements, providing users with peace of mind regarding their reliability and performance.

The full text of the EU declaration of conformity is available at [www.stelormotors.com](http://www.stelormotors.com)



Please separate storage cells and batteries from other types of waste and recycle them via your local collection facility.



We care about our environment. Do not dispose of the appliance with usual household waste. Give it to an approved collection point for recycling.



# Stelor

[stelormotors.com](https://stelormotors.com)