

Shuttle[®] Go

Curtain motor



Forest Link RF
Protocol inside



Wi-Fi connectivity

523600X000-EU

523600X000-UK

523600X000

USER MANUAL

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INTRODUCTION

- 3** Thank you for purchasing the Forest Shuttle[®] Go curtain motor!
- 4** The Forest Shuttle[®] Go motor is a curtain motor for use with Forest track systems.

1. General

Read this manual and the safety instructions carefully before using this Forest Group product. Follow the instructions in this manual and keep it throughout the entire lifespan of the product. This manual describes the installation and operation of the Shuttle® Go curtain motor.

Failure to follow the instructions in this manual will void the warranty and release Forest Group from any liability.

The Shuttle® Go curtain motor features:

- Bluetooth® and Wi-Fi connectivity
- Works with Forest Connect app
- Can be used with curved track system
- Supports dry contact control
- Up to 35 kg (no curves) weight load
- Touch Control
- Manual operation possible during power failure
- Soft start/soft close
- Fully automatic setup of the open/close positions
- Adjustable speed settings
- 5 Year warranty

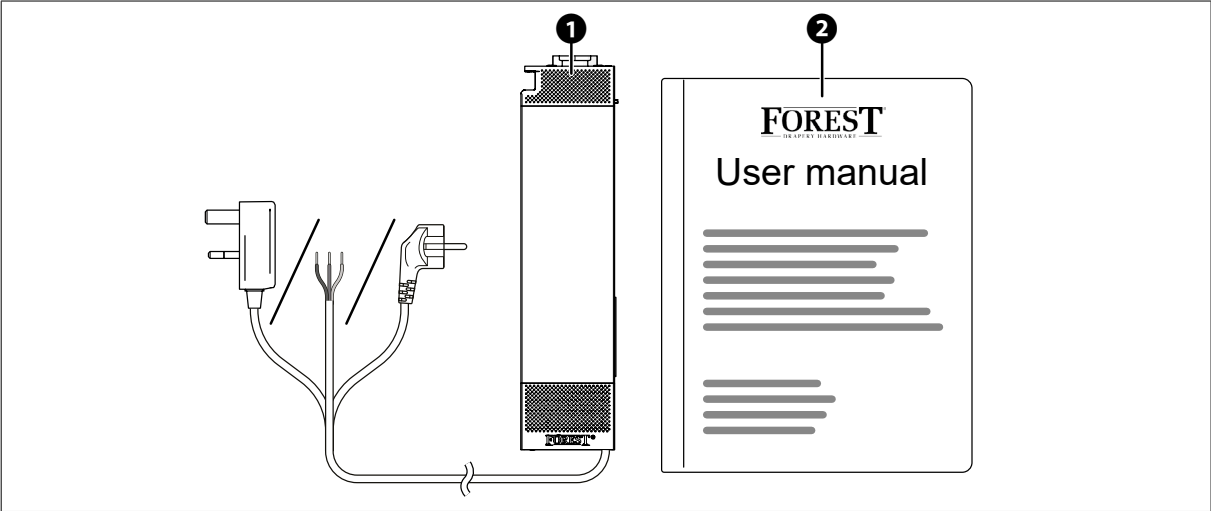
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1.1 SPECIFICATIONS

Specifications	Value
Motor weight	1 kg
Motor dimension	50 × 71 × 290 mm
Cable length	4 m
Voltage	110 – 230 V AC
Power	24 W
Protection rating	IP20
Operating temperatures	-10°C – 50°C
Relative humidity	10 – 80%
RF Protocol	Forest Link Protocol
RJ12 port	Dry contact (potential-free contact)
RF range	30 m
Motor torque	1 Nm
Receiver	433MHz/ASK
	Bluetooth®
	Wi-Fi
Max. remote control connections	10
Speed	1: 12 cm/s
	2: 14 cm/s
	3: 16 cm/s
Max. running time (in one direction)	360 s
Max. curtain weight	No curves: 35 kg
	One curve: 30 kg
	Two curves: 25 kg

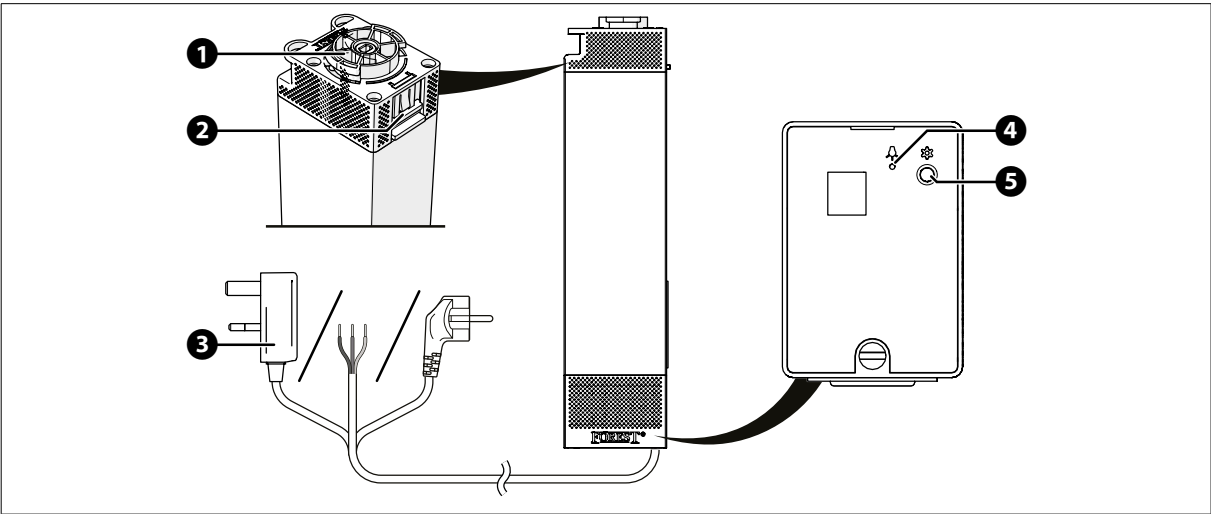
2. Product overview

2.1 CONTENTS



- ❶ 1× Shuttle® Go curtain motor
- ❷ 1× User manual

2.2 MAIN PARTS



- ❶ Motor shaft
- ❷ Locking clip
- ❸ Power cable¹
- ❹ LED indicator
- ❺ P-button

¹Power cable is dependent on the location of purchase: 5236001000-EU is equipped with an EU power plug. 5236001000-UK is equipped with a UK power plug. 5236001000 is equipped without a plug (grounded power plug must be purchased and installed separately).

2.3 REMOTE CONTROL BUTTON FUNCTIONS

Button	Function
	Press the Open button to open the curtains.
	Press the Close button to close the curtains.
	Press to stop the current operation/movement.
	Press to access your favourite curtain position.
	Used in programming of the functions.
 	Press to move to the next or previous channel ¹

¹ These buttons are not present on the wireless wall switch.

2.4 P-BUTTON FUNCTIONALITY

Use the P-button to change settings in the configuration menu. Choose the setting you want to change and press the button that many times (corresponding with the setting). Confirm the desired setting by pressing the button for 3 seconds.

Function	Amount of P-button presses	LED indicator		Result
Reverse direction	1		Green	Curtain direction is reversed.
Activate Wi-Fi pairing mode	2		White	Set the motor to Wi-Fi pairing mode. The mode is active while the LED is blinking blue.
Activate remote control pairing mode (RF 433Mhz)	3		Orange	Set the motor to remote pairing mode. The mode is active while the LED is blinking orange.
Remove open/close positions	4		Blue	Removes the open/close positions.
Toggle Dry Contact mode	5		Yellow	Toggles Pulse / Continuous mode, Pulse mode is the factory setting.
Factory reset	8		Red	Erases all settings.

3. Safety

3.1 INTENDED USE

- This product is intended as a curtain motor for Forest track systems.
- This product is intended for use with a Forest remote control with Forest Link protocol.
- This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the product by a person responsible for their safety.
- This product is only intended for indoor use.

3.2 SAFETY INSTRUCTIONS

WARNING

- Always read and understand this manual and keep this document close to the product at all times. Go to www.forestgroup.com for the online version of the extended user manual.
- Children should be supervised to ensure that they do not play with the product.
- Never use the product with a damaged power cable. Always have the power cable replaced by a qualified electrician.

CAUTION

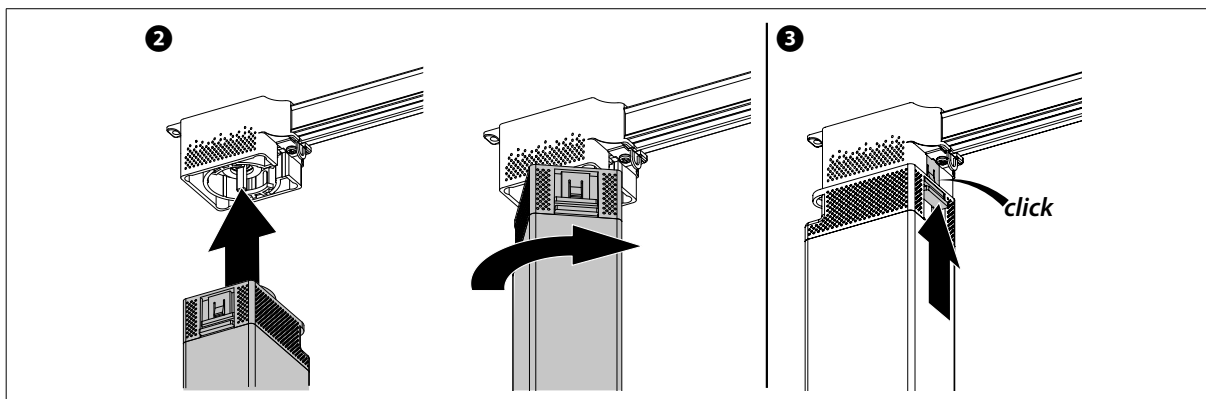
- Do not expose the product to high temperatures or place it in direct sunlight.
- This product is for indoor use only, do not use in outdoor or in humid environments, such as bathrooms or swimming pools.
- Never let children play with the packaging material. Always keep the packaging material out of reach of children.
- Do not carry the product by the power cable.
- Do not open the product, there are no serviceable parts inside.

NOTICE

- Never immerse the product in liquid.
- Do not drop the product, drill holes in it, or disassemble it, as this will void the warranty.
- Always wait for the motor to finish its operation before sending new instructions.
- Power to the motor should not be cut due to a building management system or a hotel room key card. This is considered misuse of the product, can lead to product damage, and will void the warranty.
- When used with wave pleat, the curtains must be manufactured so that the top heading does not rub against the track profile. This can increase friction and leads to excessive strain on the motor, resulting in product damage.
- Keep the power cable and product away from usual walkways.
- Always switch off the product and unplug the power cable from the power outlet before cleaning the product or performing maintenance on the product.
- Do not use aggressive chemicals, such as ammonia, acid, or acetone, when cleaning the product.
- Do not clean the inside of the product.

4. Installation

1. Install the **Forest track system** first.
2. Attach the **motor** to the track system and twist the motor anticlockwise.
3. Push the **locking clip** upwards to lock the motor to the track system.



4. Attach your **curtains** to the **track**.
5. Manually slide the **curtains** to the open position.
6. Plug the motors **power cable** into a power outlet.
7. Grab the **curtains** and give them a short pull towards the closed position.

The curtains automatically go to the closed position and back to the open position.

The motors open and closed positions are now set.

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5. Use

5.1 PAIRING TO AN EASYTOUCH (PRO)® REMOTE CONTROL

1. Select the **desired channel**.
2. Press the **P button** on the Shuttle 3 times.

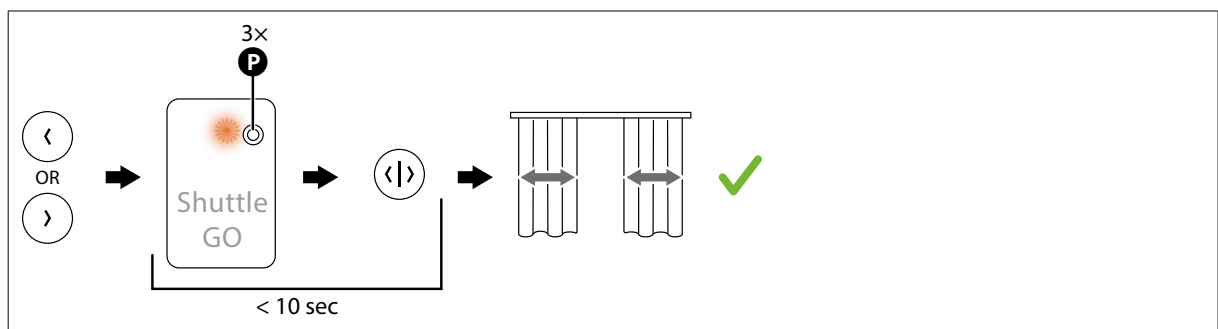
The LED indicator on the motor is orange.

3. Press and hold the **P button** a 4th time, for 3 seconds.

The LED indicator on the motor flashes orange.

4. Within 10 seconds, press the **Open button** on the remote to pair the Shuttle to the remote.

The curtain jogs twice, indicating the remote is paired.



5.2 PAIRING TO AN EASYTOUCH® WALL SWITCH

1. Press the **P button** on the Shuttle 3 times.

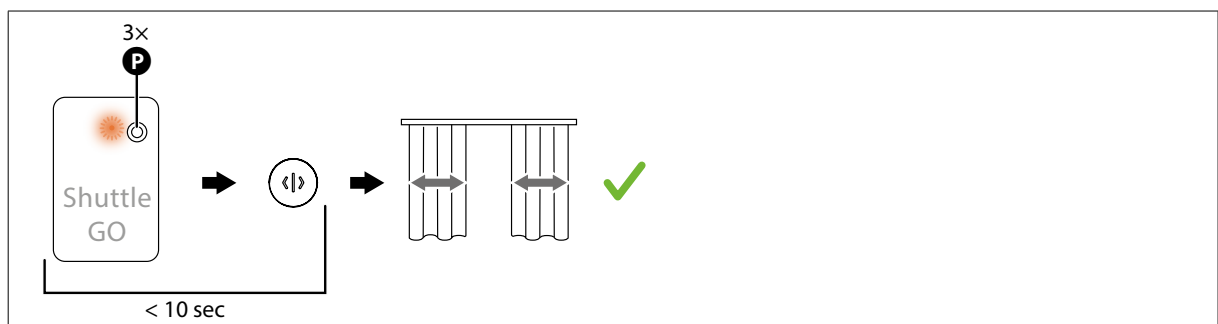
The LED indicator on the motor is orange.

2. Press and hold the **P button** a 4th time, for 3 seconds.

The LED indicator on the motor flashes orange.

3. Within 10 seconds, press the **Open button** on the remote to pair the Shuttle to the remote.

The curtain jogs twice, indicating the remote is paired.



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5.3 COPYING OF PROGRAMMED RF REMOTE CONTROL

A second remote control (B) can be paired to the motor via an already paired remote control (A).

1. Press the **Program button** on the paired remote control (A).

The curtains jog once.

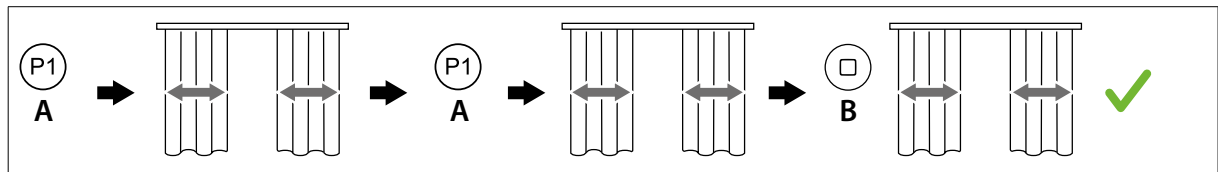
2. Press the **Program button** on the paired remote control (A) again.

The curtains jog once.

3. Press the **Stop button** on the additional remote control (B).

The curtains jog twice.

The additional remote control (B) is now also paired to the motor.



5.4 ADJUSTING STACK BACK

To set your desired curtain stack setting:

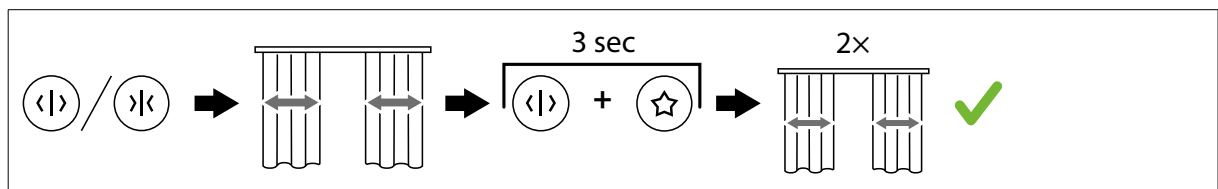
1. Use the **Open, Close, and/or Stop buttons** to move the curtains to the desired position.

Wait for the curtains to stop moving.

2. Press and hold the **Open and Favourites buttons** for 3 seconds.

The curtains jog twice.

The new curtain stack is now set.



Repeat steps 1 – 2 to delete the stack back.

5.5 REVERSE DIRECTION

Make sure pressing the **Open button** opens the curtains and the **Close button** closes the curtains.

If the **Open button** closes the curtains, reverse the curtain directions below.

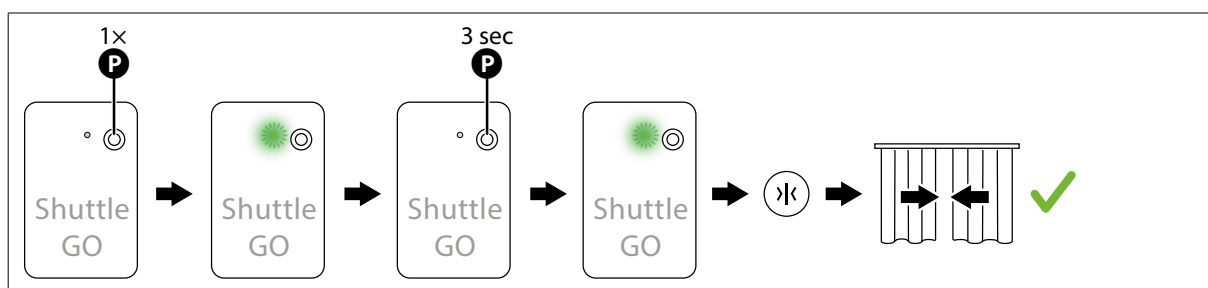
Option via motor:

1. Press the **P button** once.

The LED indicator on the motor is green.

2. Press and hold the **P button** for 3 seconds until the LED indicator flashes green.
3. Press the **Close button**.

The curtains jog once, indicating the direction has been reversed.



Option via remote:

1. Press the **Program button** on the remote control.

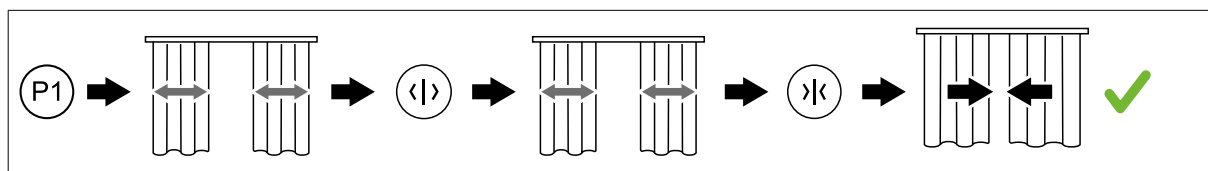
The curtains jog once.

2. Press the **Open button**.

The curtains jog once.

3. Press the **Close button**.

The curtains jog once, indicating the direction has been reversed.



5.6 TOUCH CONTROL

Touch Control is enabled by default.

Touch Control allows you to open and close the curtains by manually giving the curtains a pull to the open or closed position.

To enable or disable Touch Control:

1. Press the **Program button** on the remote control.

The curtains jog once.

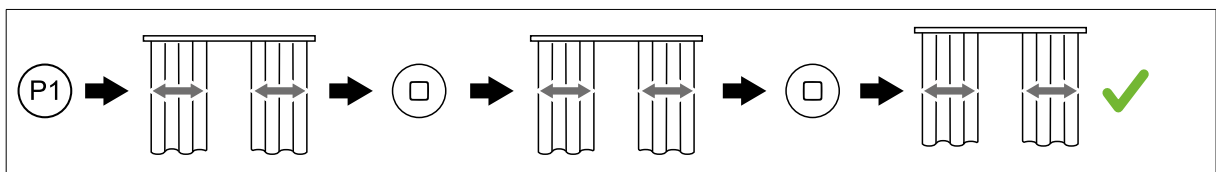
2. Press the **Stop button**.

The curtains jog once.

3. Press the **Stop button**.

The curtains jog once.

Touch Control is now enabled or disabled.



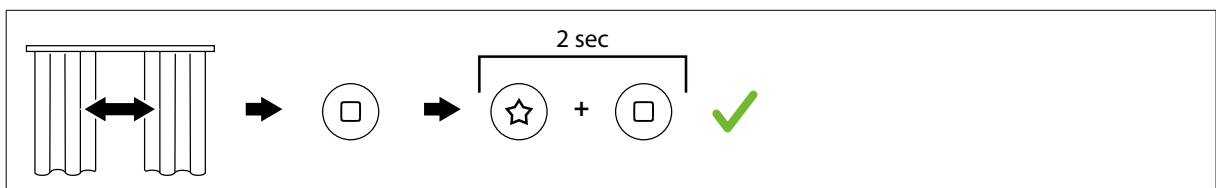
Repeat the steps above to enable/disable Touch Control.

5.7 SET FAVOURITE CURTAIN POSITION

The favourite button allows you to set a custom curtain position for each motor. Pressing the button moves the curtain automatically to the specified position.

The favourite function can only be set up after the motor's open and close positions have been configured.

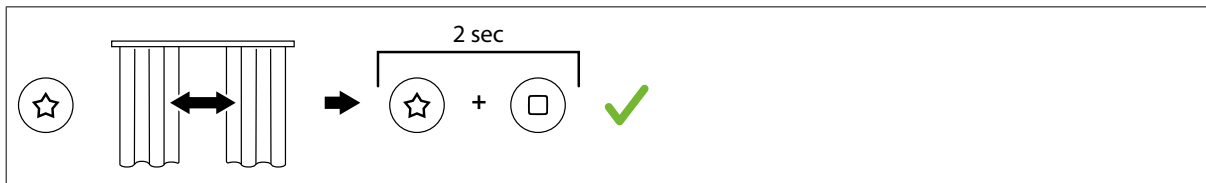
1. Use the **Open, Close, and/or Stop buttons** to move the curtain to the desired favourite position.
2. Press the **Favourite and Stop button** for 2 seconds to setup the current position as the favourite.
3. The curtain jogs twice, indicating that the favourite position is set.
4. Press the **Favourite button** from any position to move the curtain to the favourite position.



To remove the favourite position:

1. Press the **Favourite button** from any location to move the curtains to the favourite location.
2. Press and hold the **Favourite** and **Stop** button for 2 seconds.

The curtain jogs once, indicating that the favourite position has been removed.



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5.8 ADJUST SPEED SETTING

To adjust the motor speed:

1. Press the **Program button** on the remote control.

The curtains jog once.

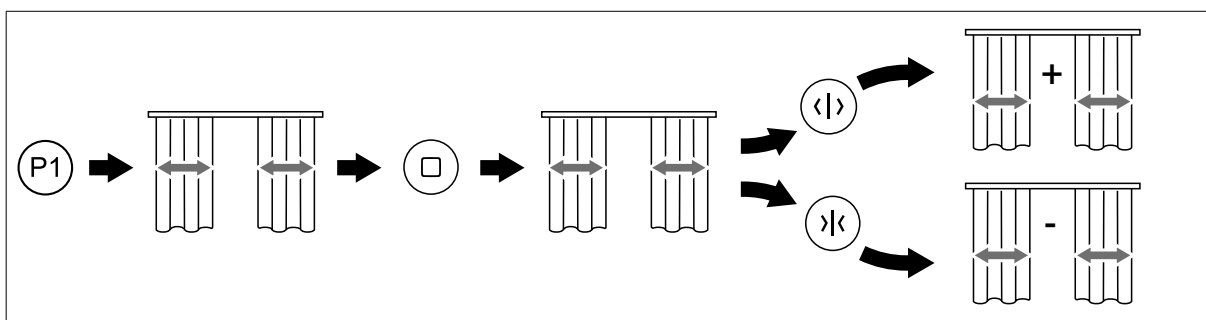
2. Press the **Stop button**.

The curtains jog once.

3. Adjust the motor speed:
 - a. Press the **Open button** to increase the setting.
 - b. Press the **Close button** to decrease the setting.

The curtains jog once.

The motor has three adjustments. If the motor does not respond after an adjustment, the motor is already at the highest/lowest setting.



5.9 UNPAIRING A REMOTE CONTROL

To unpair a remote from the motor:

Unpairing a remote can not be done under group channel or 0 channel.

1. Press the **P button** on the motor 3 times.

The LED indicator on the motor flashes orange.

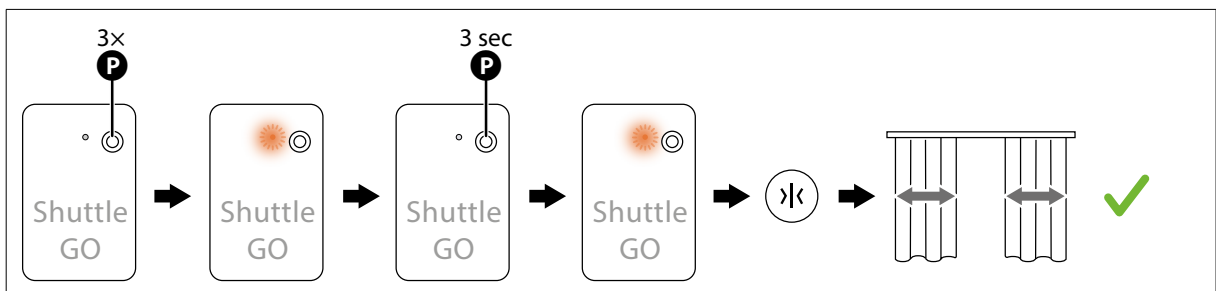
2. Press and hold the **P button** a 4th time, for 3 seconds.

The LED indicator flashes orange.

3. Press the **Close button** and wait 10 seconds

The curtains jog once.

The remote control is now unpaired.



5.10 DELETE OPEN/CLOSE POSITIONS

If the curtain track system or the curtain fabric is changed, the open and close limits might need to be deleted.

Option via remote:

To delete the open/close positions:

1. Press the **Program button** on the remote control.

The curtains jog once.

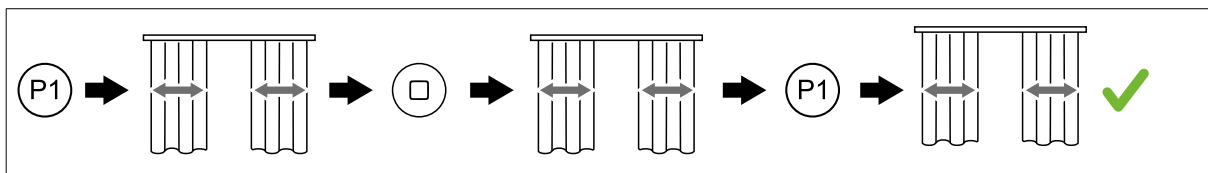
2. Press the **Stop button**.

The curtains jog once.

3. Press the **Program button** on the remote control.

The curtains jog once.

The previous positions have now been deleted.



Follow steps 5 - 7 in 'installation' to set the new open/close positions.

Option via motor:

To delete the open/close positions:

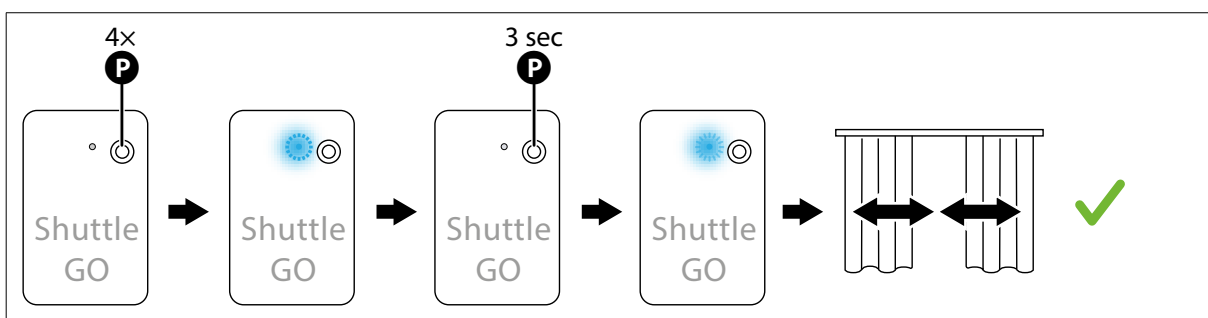
1. Press the **P button** on the motor 4 times.

The LED indicator on the motor lights up blue.

2. Press and hold the **P button** a 5th time, for 3 seconds.

The curtains jog once.

The previously set open/close positions are now deleted.



Follow steps 5 - 7 in 'installation' to set the new open/close positions.

5.11 ADJUST OBSTACLE DETECTION SENSITIVITY

This function allows the sensitivity of the motor's response to be adjusted when the curtain runs into something.

To set a higher or lower obstacle detections sensitivity:

1. Press the **Program button** on the remote control.

The curtains jog once.

2. Adjust the obstacle detection sensitivity:
 - a. Press the **Open button** to make the motor less sensitive.

The motor pushes harder before stopping.

- b. Press the **Close button** to make the motor more sensitive.

The motor stops sooner when blocked (safer option).

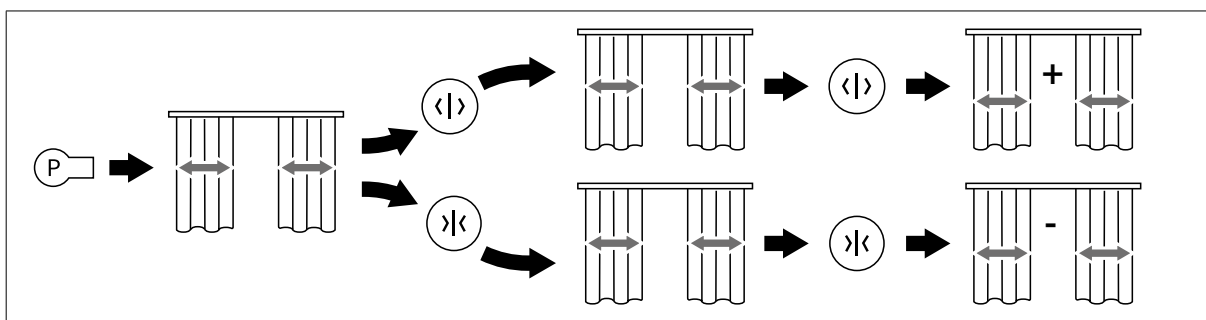
The curtains jog once.

3. To set the sensitivity to a different level, press the same **Open** or **Close button** again as in step 2.

The curtains jog once.

The motor has three sensitivity levels. If the motor does not respond after an adjustment, it is already at the most or least sensitive setting.

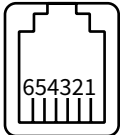
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5.12 TOGGLE DRY CONTACT MODE (RJ12)

The RJ12 port is designed for operation using a volt-free contact, such as a relay contact or mechanical switch.

NOTE: Ensure that the cable length for the volt-free contact does not exceed 15 metres.

RJ12		
1	Open	
3	COM	
6	Close	

NOTE: Do not apply an external voltage to the OPEN, CLOSE or COM terminals. Applying an external voltage may damage the motor or connected control equipment.

Pulse mode

In pulse mode (default setting) a short contact opens or closes the curtains all the way.

Open	Close the open key (open+com)
Close	Close the close key (close+com)
Stop	Close the open key or close key
Switching characteristics	Double-key, boundable, with 3 wirings (open/close/com)

Continuous mode

In continuous mode the curtains move as long as the contact is made (mostly used for Home Automation Systems).

Open	Close the open key (open).
Close	Close the close key (close).
Stop	Release the open key and close key.
Switching characteristics	Double-key, not reboundable, with 3 wirings (open/close/com).

Switching dry contact modes

To switch from pulse to continuous or vice versa:

1. Press the **P button** 5 times.

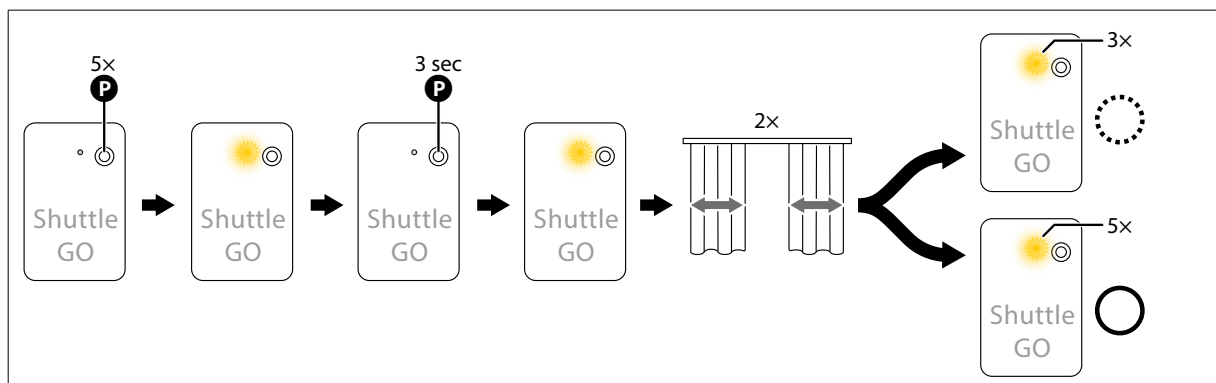
The LED indicator on the motor is yellow.

2. Press and hold the **P button** a 6th time, for 3 seconds.

The curtains jog twice.

The LED indicator flashes 3 times to indicate the motor is in **pulse mode**.

The LED indicator flashes 5 times to indicate the motor is in **continuous mode**.



5.13 FACTORY RESET

To reset the motor to the factory settings:

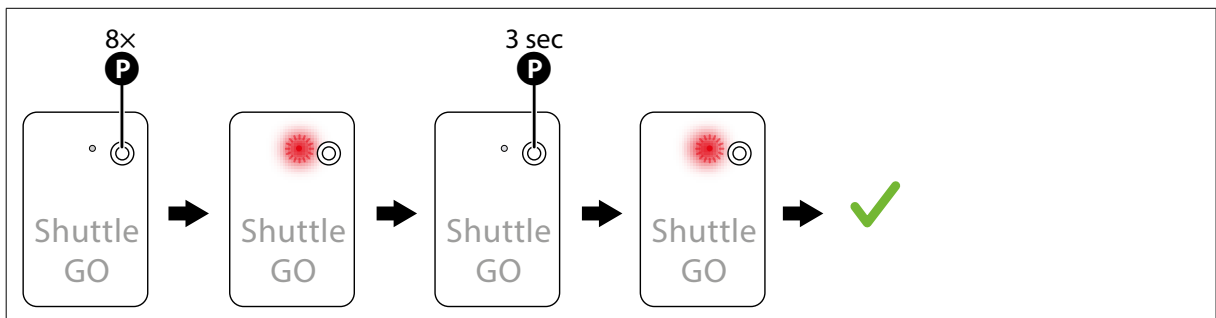
1. Press the **P button** 8 times.

The LED indicator on the motor is red.

2. Press and hold the **P button** a 9th time, for 3 seconds.

The LED indicator flashes red.

The product is now reset to the factory settings.



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6. App control

A connection to a **2.4 GHz Wi-Fi network** is required.

To connect the motor to the Forest Connect App:

Wi-Fi pairing mode

1. Download the **Forest Connect App**.

Scan the QR code to download the Forest Connect App.



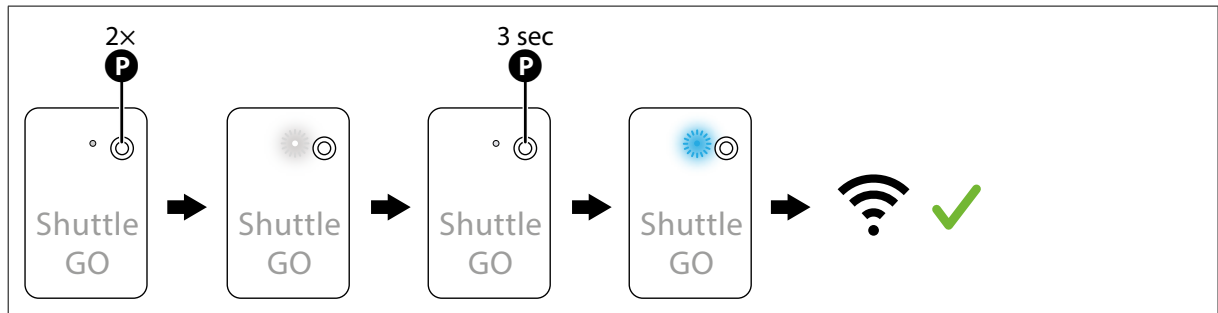
2. Follow the steps in the app to **register** for the app.
3. Activate **pairing mode** on the motor:
 - A. Wi-Fi pairing mode via motor:
 - a. Press the **P button** 2 times.

The LED indicator on the motor is white.

- b. Press and hold the **P button** a 3rd time, for 3 seconds.

The LED indicator flashes blue.

The motor is now in Wi-Fi pairing mode.



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B. Wi-Fi pairing mode via remote:

- a. Press the **Program button** on the remote control.

The curtains jog once.

- b. Press the **Close button**.

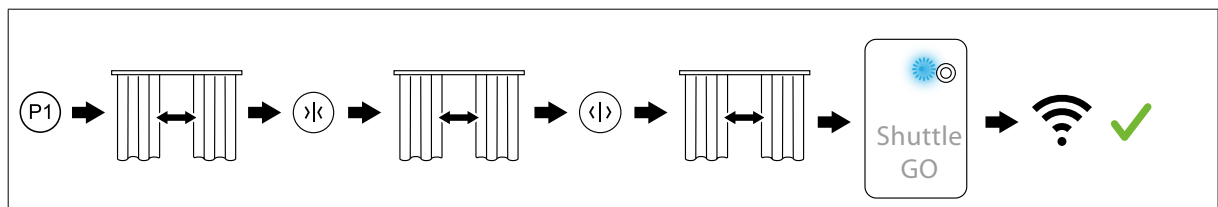
The curtains jog once.

- c. Press the **Open button**.

The curtains jog once.

The LED indicator flashes blue.

The motor is now in Wi-Fi pairing mode.



4. Enable **Bluetooth®** and **Wi-Fi (2.4 GHz only)** on the smartphone or tablet.
5. Tap the **+** icon.
6. Tap **Add device**.

The app scans for the motor.

7. Tap **motor** when it appears in the app.
8. Follow the instructions in the app to pair motor to the app.

Manual pairing mode

AP Mode is used to manually connect the device to your Wi-Fi network through a temporary access point created by the motor itself. Use this method when Bluetooth® does not work or when you want full control over the setup process.

Connection to a **2.4 GHz Wi-Fi network** required.

1. Tap the **+** icon.
2. Select the **Forest icon**, under **Add Manually**.
3. In the right **upper corner** change the Bluetooth mode to **AP Mode**.
4. Follow the instructions in the app to pair motor to the app.

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7. Troubleshooting

Problem	Possible cause	Possible solution
The motor runs, but the curtains do not move.	The curtain track system is not installed correctly.	Reattach the motor to the curtain track system and check again. If the problem persists, contact the store where the Forest product was purchased.
The remote control does not work.	The remote battery is empty.	Replace the battery.
The motor does not respond, but the LED indicator on the remote control flashes.	The motor and remote control are not paired.	Pair the remote control to the motor.
The curtain does not close properly.	There may have been a change in the curtain setup (curtains/track system).	Delete the current open/close positions and reset them.
Touch Control does not respond.	Touch Control is not activated.	Switch Touch Control on.
The curtain jams during manual operation.	The end positions have not been set correctly.	Delete the current open and closed positions, then set the end positions again.
	The motor sensitivity is set too low.	Increase the motor sensitivity (see Section Adjust obstacle detection sensitivity). Then delete the current open and closed positions and set the end positions again.
	The open position (stackback) is set too tightly.	Reset the open position as described in Section Adjusting stack back.
	The manual stackback must be recalibrated.	Delete the open and closed positions and start a new calibration. When the curtain reaches the open position, the LED lights blue for 10 seconds. During this period, you can manually move the stackback to the required position. The new open position is then saved automatically.

8. Maintenance

Maintenance is critical to ensure proper functioning of the motor and tracks:

- Inspect the motor and tracks for proper functioning at least once **every 3 months**. Fully close and open the curtains to inspect for proper functioning.

8.1 LUBRICATION

Lubricate the Forest track system **annually** with Forest **dry** Lubricant Spray.

1. Spray the lubricant on the inside of the track profile.
2. Wait for the lubricant to settle.
3. Fully close and open the curtains.

- ❗ If Forest Lubricant is not available, you may use WD-40 Specialist® Dry Lube. Important: only use the Dry Lube variant with UPC code 0 79567 30005 2 (<https://www.wd40.com/products/dry-lube/>). Do not use a different type of lubricant like regular WD-40 or grease, as these react with the factory applied lubricant.

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9. Conformity



Forest Group (Netherlands) B.V. hereby declares that the product complies with the requirements of Directive 2014/53/EU.

10. Liability

Forest Group does not assume liability for resulting damages to persons, animals and/or property, defects, labour on location, service calls, reinstallation or expenses involved shipping, packing or returning goods, if the product has been modified in any way or damaged by improper use or failure to observe these operating instructions. In such situation, the right to any form of warranty, service and reimbursement of expenses shall cease.

11. Recycling



Do not dispose of the product with household waste. Ensure that you return it to a collection point or depot for recycling purposes.

12. Declaration of conformity



EU Declaration of Conformity

Hereby we, the undersigned:

Manufacturer: Forest Group Nederland B.V.
Address; city, Country: Teugseweg 42, 7418 AM Deventer, The Netherlands
Telephone number: +31 0570 622850

Declare that this DoC is issued under our sole responsibility and that this product:

Product description: Curtain Motor
Type designation(s): Shuttle Go
Model number: 523600x000 (x is colour variant)
Trademark: Forest

Object of the declaration:



Is in conformity with the relevant Union harmonization legislation:

☒	Radio Equipment Directive – 2014/53/EU		
☒	Article 3.1(a)	☒	Article 3.2
	EN 60335-1:2012 + A11:2014 + A13:2017 + A1:2019 + A14:2019 + A2:2019 + A15:2021 + A16:2023 EN IEC 60335-2-97:2003 + A11:2023 + A1:2023 EN IEC 62311 : 2020		EN 300 220-1 V3.1.1 (2017-02) EN 300 220-2 V3.1.1 (2017-02) EN 300 328 V2.2.2. (2019-07)
☒	Article 3.1(b)	☒	Article 3.3(d)
	EN 301 489-1 V2.2.3 (2019-11) EN 301 489-3 V2.3.2 (2023-01) EN 301 489-17 V3.3.1 (2024-09) EN IEC 55014-1:2021 & EN IEC 55014-1:2021 EN IEC 61000-3-2:2019 + A1:2021 EN 61000-3-3:2013+A1:2019+A2:2021		EN 18031-1 : 2024
☒	RoHS directive – 2011/65/EU + amendment (EU) 2015/863		

Signed for and on behalf of:

Place: Deventer

Name: A.G. ten Have

Date: 28-07-2025

Function: Head R&D

Signature:

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FOREST WORLDWIDE

FOREST GROUP (NEDERLAND) B.V.

Deventer, The Netherlands
www.forestgroup.com

FOREST DRAPERY HARDWARE UK LIMITED

Rochdale, United Kingdom
www.forestgroup.co.uk

FOREST GROUP POLSKA SP. Z O.O.

Warszawa, Poland
www.forestpolska.com

FOREST GROUP BULGARIA EOOD

Sofia City, Bulgaria
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