

433 MHz



Non-compliance with the specification might cause risk for life or health and can determine proper work of the blind.
We strongly recommend to comply with the specification.

1. General information



25 TE motor with radio receiver 230 V AC

TE type motors equipped with a radio receiver are wireless and can be controlled with a remote. They are designed for automation of blinds. They have electronic limit switches which are programmed by the remote control. TE type motors are compatible with all YOODA transmitters.

Radio receiver memory:
up to 20 transmitters

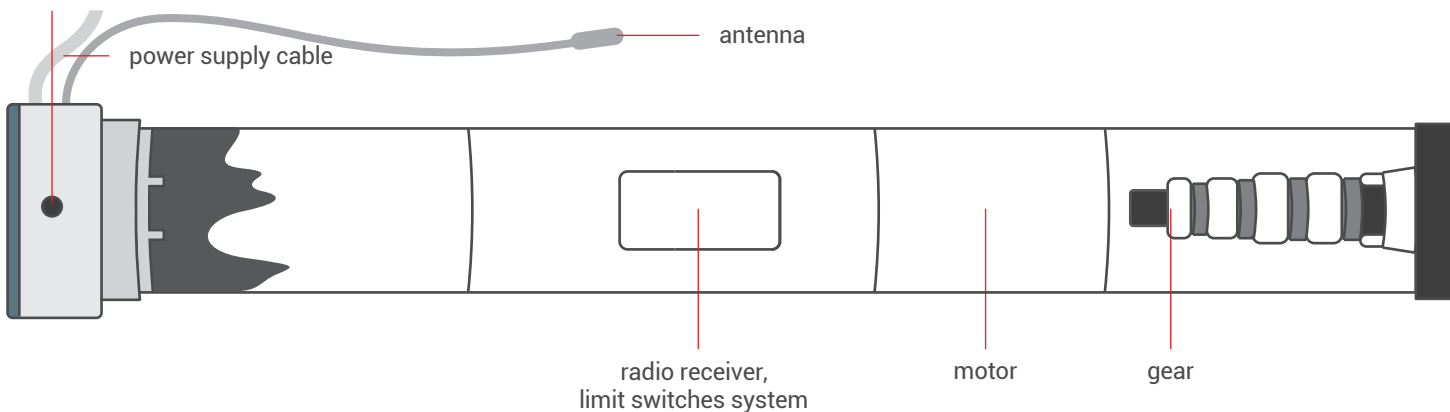
Power supply:
230 V / 50 Hz

Operating temperature:
from -5°C to 50°C

Protection degree:
IP 40

Load:
25TE 0,7 Nm up to 4 kg
25TE 1,5 Nm up to 8 kg

programming button



Programming button functions:

1. Pressing the programming button briefly for approximately 1 second controls the drive step by step.
2. Press the programming button for 2 seconds to enter the transmitter programming mode.
3. Pressing the programming button for 6 seconds block radio signal. To turn off this function, briefly press the programming button on the motor head.
4. Pressing the programming button for 10 seconds changes work motor direction.
5. Pressing the programming button for 14 seconds deletes the motor memory and restores the factory settings.

2. Safety measures

Before installing or using motor please read the following instruction. The installer must comply with the standards and regulations in force in the country where the appliance will be installed and provide information to users about the conditions and maintenance of the device. Failure to follow these instructions can present risk to life and health, or invalid functioning of the roller shutter. This also results in the loss of warranty rights.



Motors torque parameter should be adequate to the weight of the roller shutter curtain.



Motor and its control system should be kept out of children reach.



Do not hit the motor. Reduce the vibration of the motor to a minimum.



Motor cables should be installed in such a way that water can not get inside to the motor and that they have not been damaged by working roller shutter.



No tools should be used when placing motor in the tube.



Turn off the power supply before any installation or maintenance activity.



During the adapter montage special attention must be paid not to damage the motor.



Electrical system control should be performed regularly to detect any signs of use or damage of the motor.

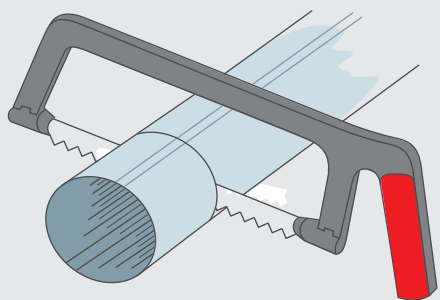


All contact of the motor with any liquids should be reduced to minimum.

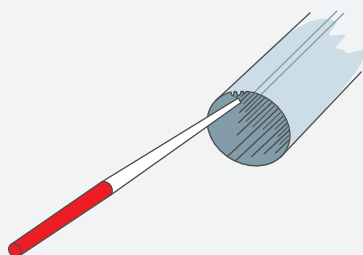
3. Placing motor in the tube



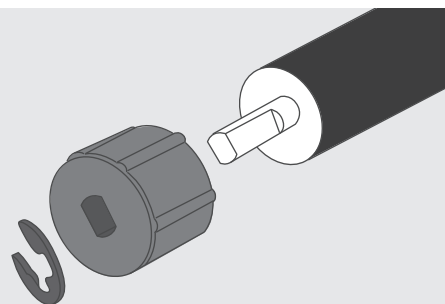
Motor should be mounted in places protected from unfavourable weather conditions. Do not pull the motor head when removing it from the tube.



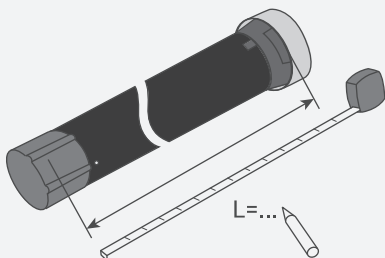
1. Cut the tube to the proper length.



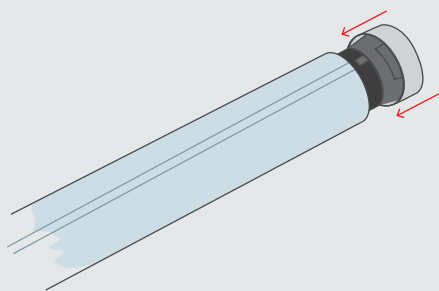
2. Deburr the edges and remove the metal residue.



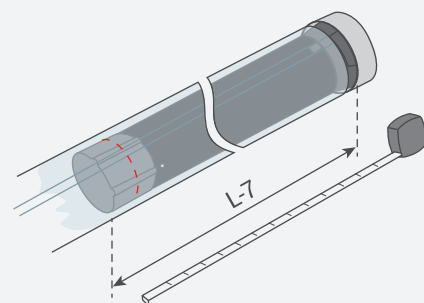
3. Place the adaptation on the motor.



4. Measure the distance (L) between the inner edge of motors head and the end of the motors adaptor.



5. Insert the motor into the tube up to the point of connection between the edge of the tube and the inner edge of the motors head.

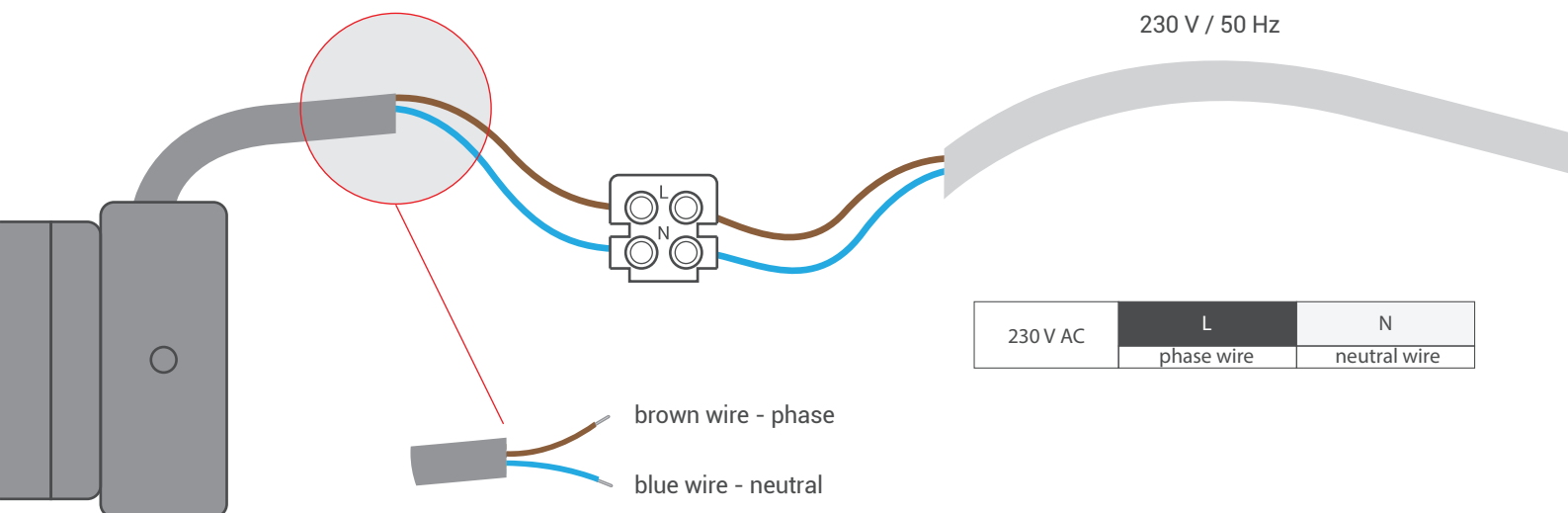


Attach the tube to the coupling part of the adaptation.

4. Connection



Electrical appliance class II.



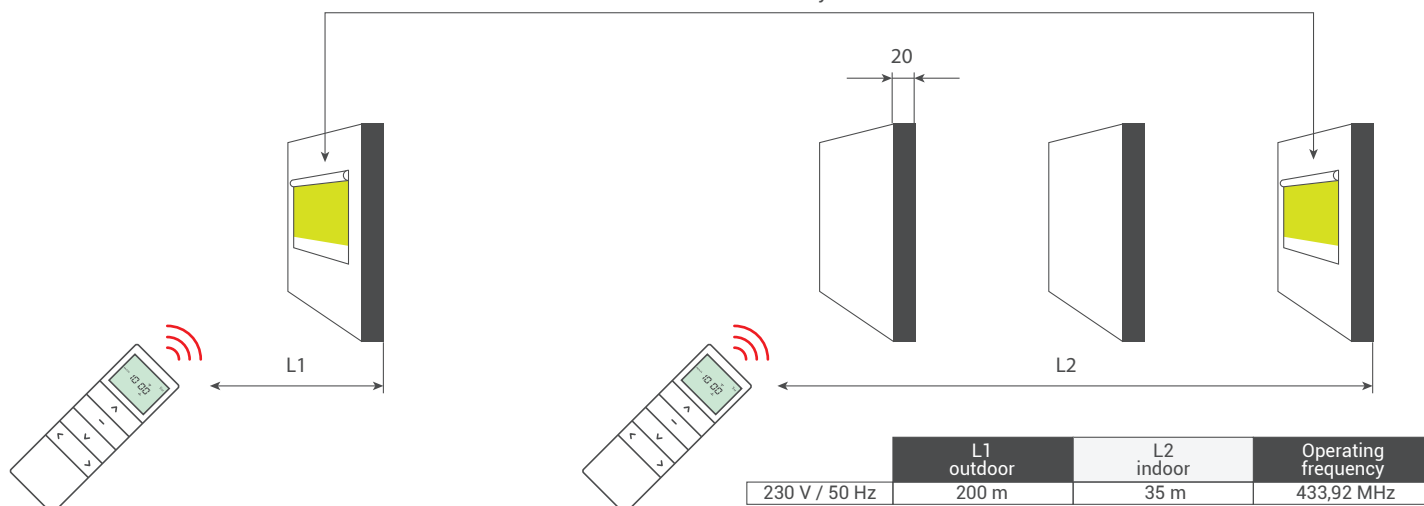
Installation of the tubular motor should be performed by specialists with 1kV or higher SEP-certified electrician's licence (SEP - Association of Polish Electrical Engineers) or equal license. Device is designed to operate in places shielded from unfavourable weather conditions. Motor should be installed in accordance with all provisions of regional law and professional standards. All cables connecting power receiver with electric source should be protected from overload and short-circuits effects with devices automatically disconnecting power. Device should be powered with a separate source and protected only with a fast-blow fuse (never slow-blow fuse). Creating electrical system using inadequate fuse may result in losing rights under the provisions of warranty. When connecting device to power source with cables with adequate cross-section should be used. Long-lasting output load capacity table should be the ground for choosing adequate cables.

5. Range



Radio receiver range is a variable value and can differ from declared values depending on conditions in which device operates. Possible sources of changes in range are building construction, interference caused by other radio transmitters etc.

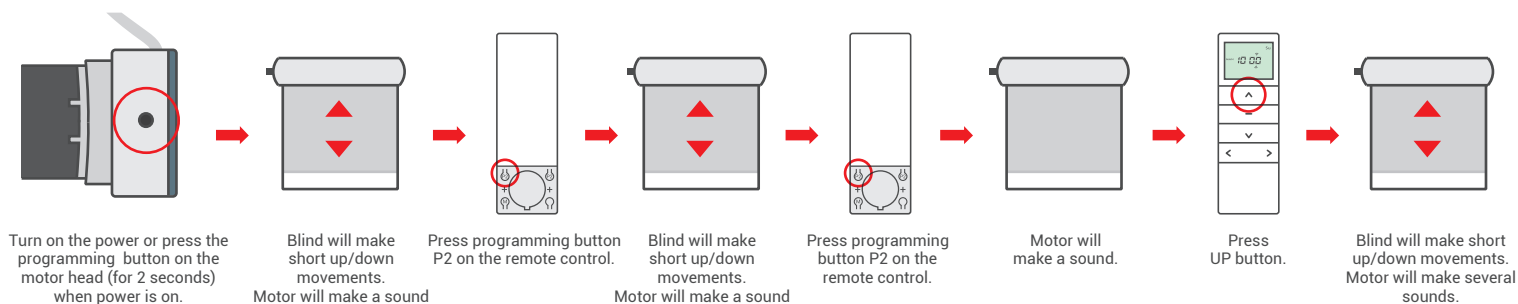
Blind with remotely controlled motor



6. Programming first transmitter



1. Longer than 10 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.
2. Programming the first transmitter removes the previously programmed transmitters from memory.

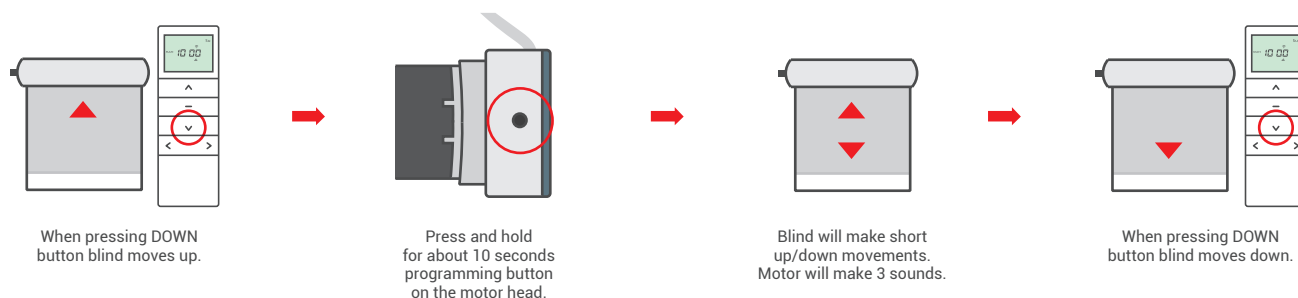


7. Changing motors direction

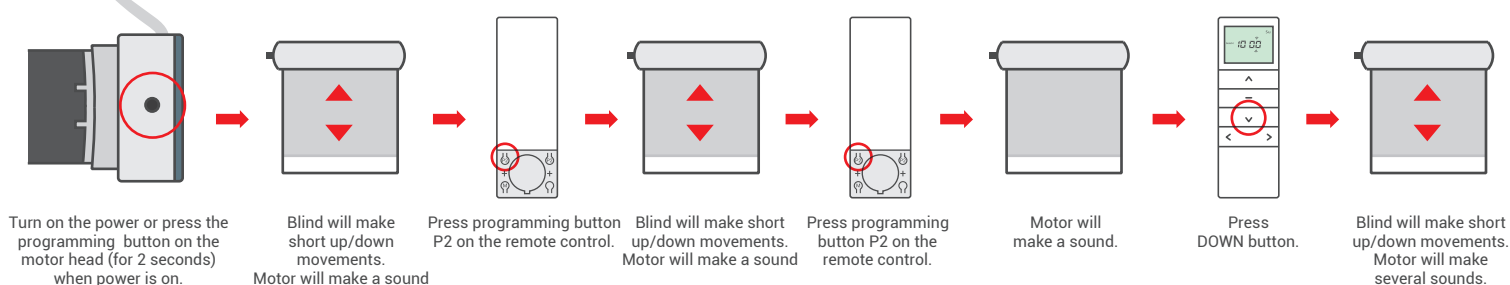


We can change the work direction of the motor by using two methods:

METHOD 1:



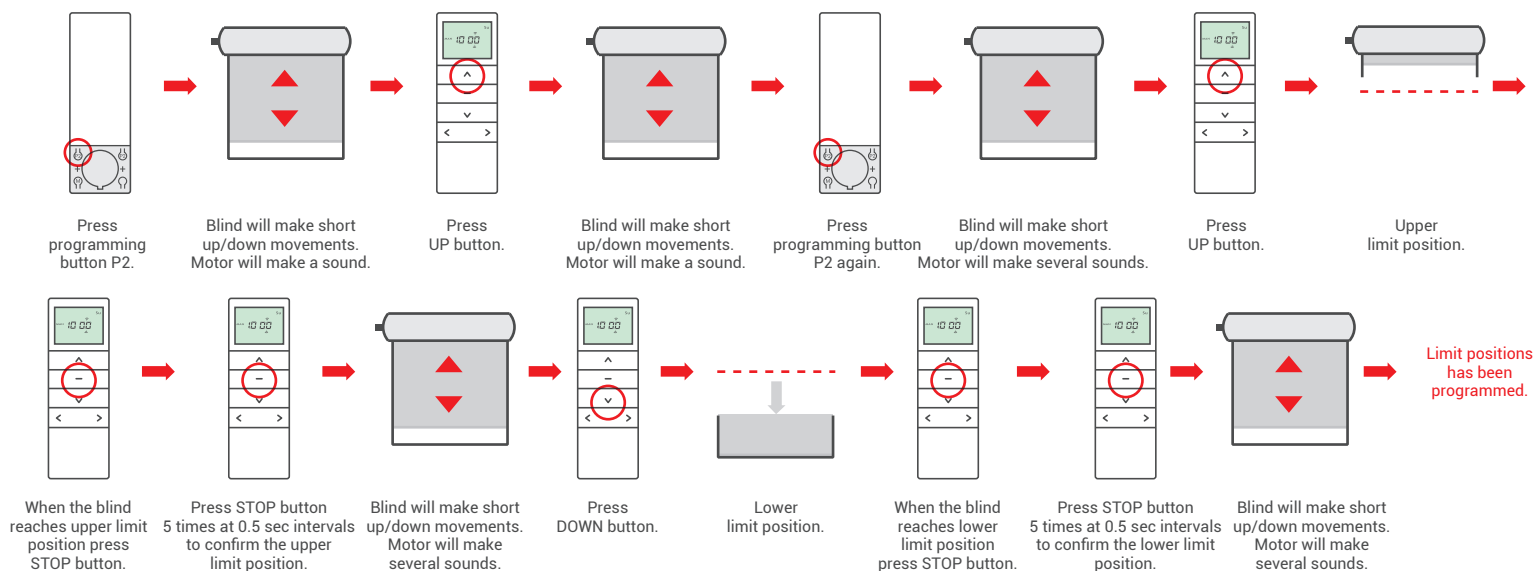
METHOD 2:



8. Programming limit positions



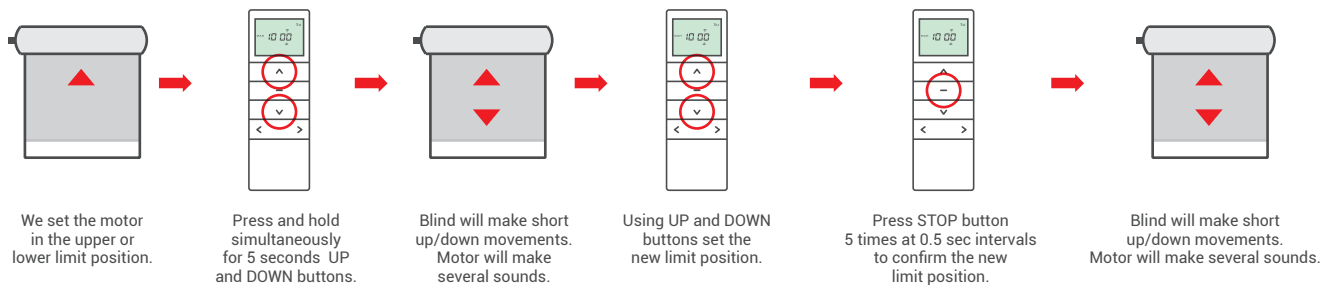
To set the upper and lower limit position press the programming button P2 during the motor movement, it causes the work displacement. Then you can precisely set the limit positions. Pressing the P2 button again motor will run continuously.



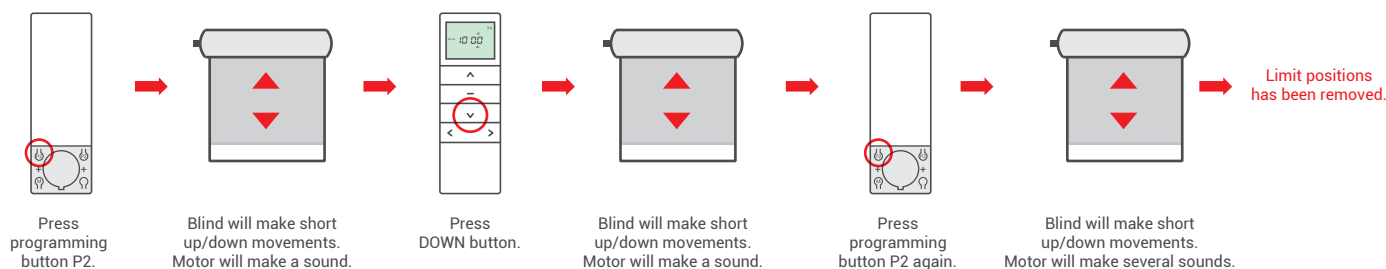
9. Regulation limit positions



In case of setting the limit positions, the upper or lower limit position can be corrected.



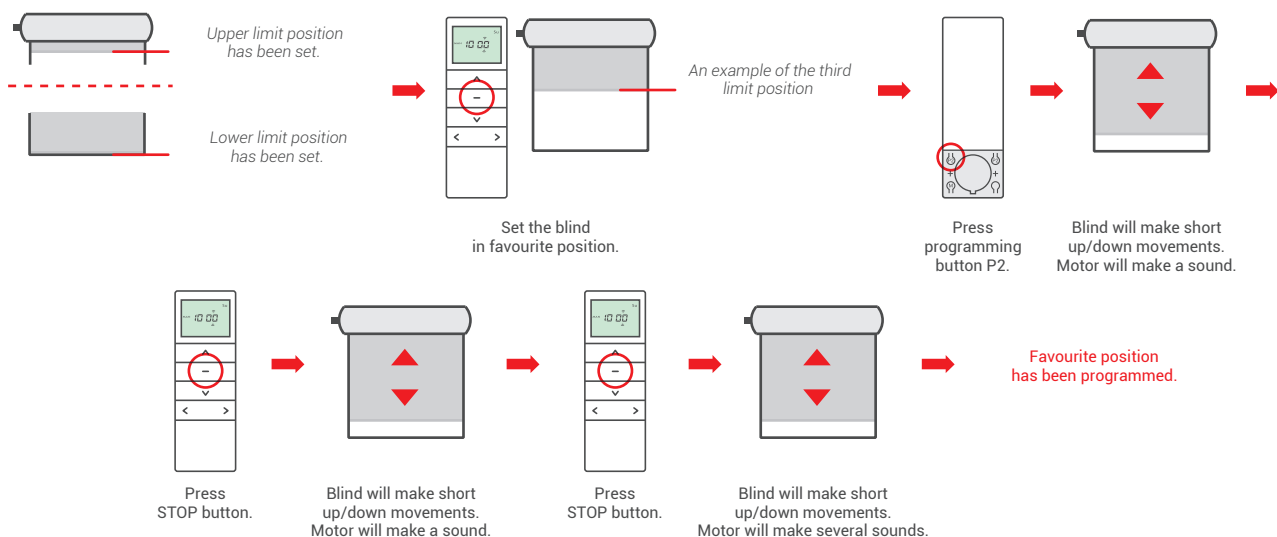
10. Removing limit positions



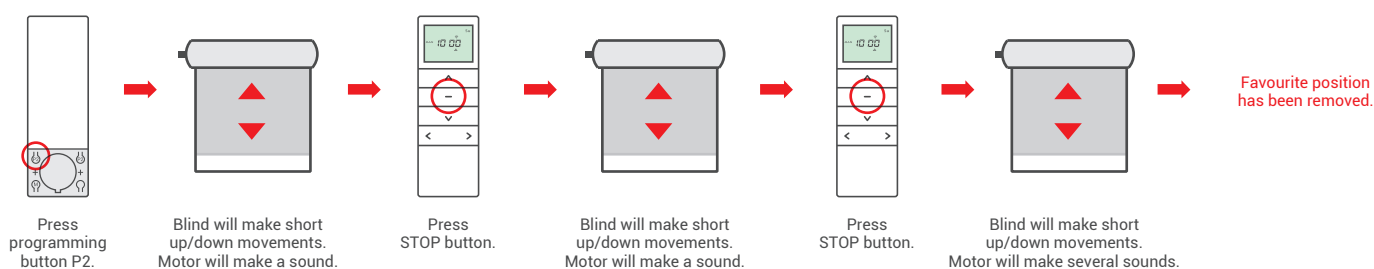
11. Programming the third limit position



1. After setting the upper and lower limit positions, it is possible to set the third position (favorite) between those positions.
2. Hold the STOP button for 3 seconds to set the blind in third limit position.
3. When the motor is in pulse mode, hold the STOP button for 3 seconds, blind reaches lower limit position, and then to the set third position.



12. Removing third limit position



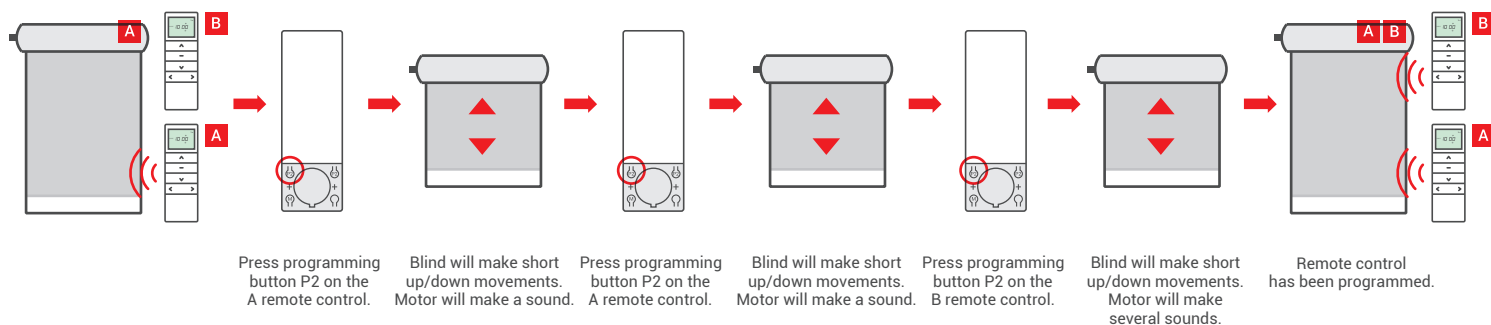
13. Programming another transmitter



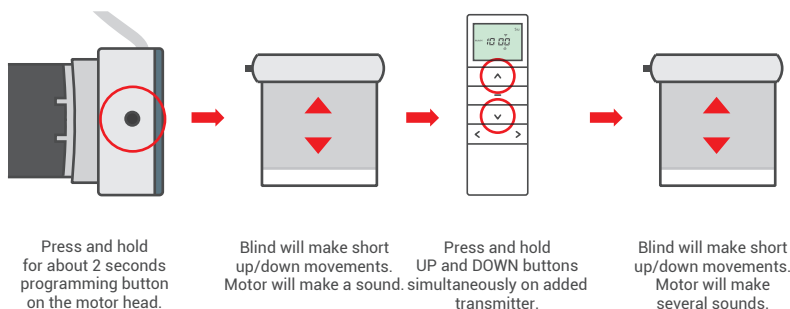
Receiver can be controlled by up to 20 transmitters.

Longer than 10 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.

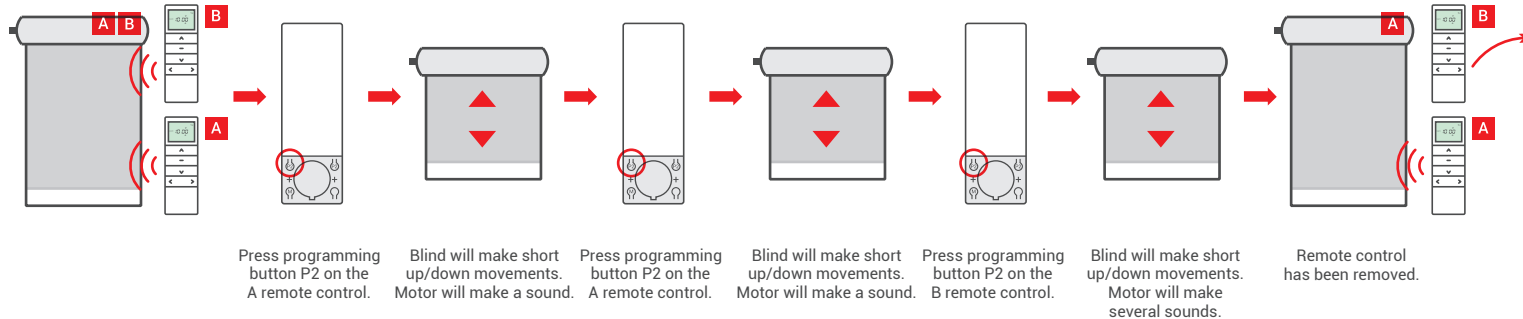
METHOD 1:



METHOD 2:



14. Deleting another transmitter

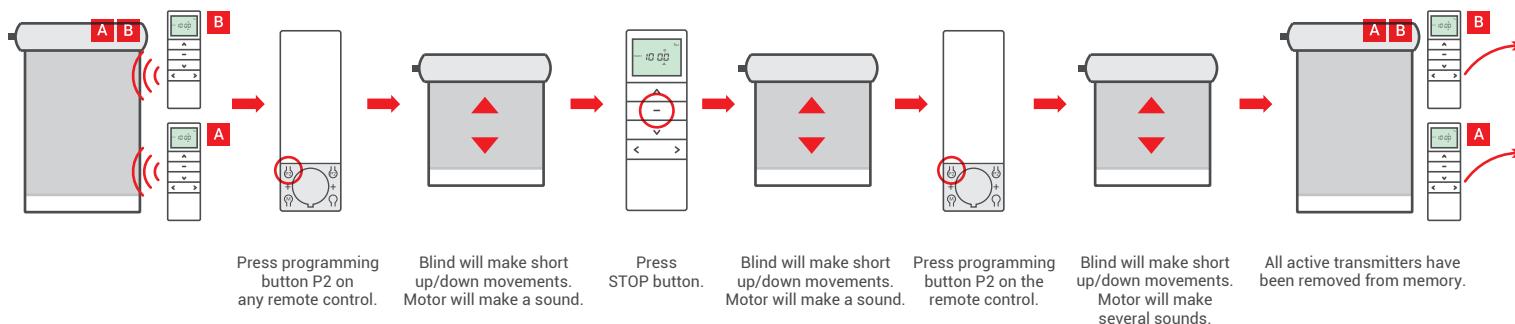


15. Deleting motor memory



Deleting memory of motors radio receiver will cause for all programmed transmitters to be lost.

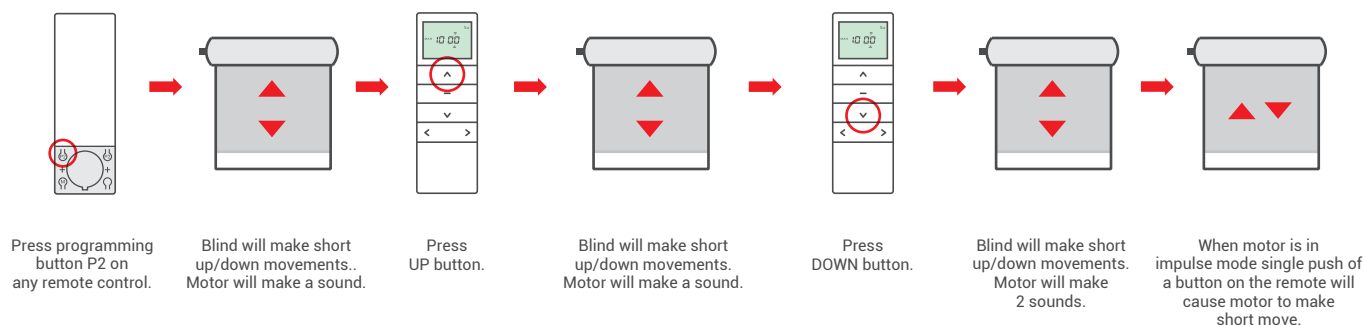
Longer than 10 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.



16. Activating impulse mode



1. Longer than 10 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.
2. To activate impulse mode please make the procedure below. To reverse this procedure please repeat the instruction.

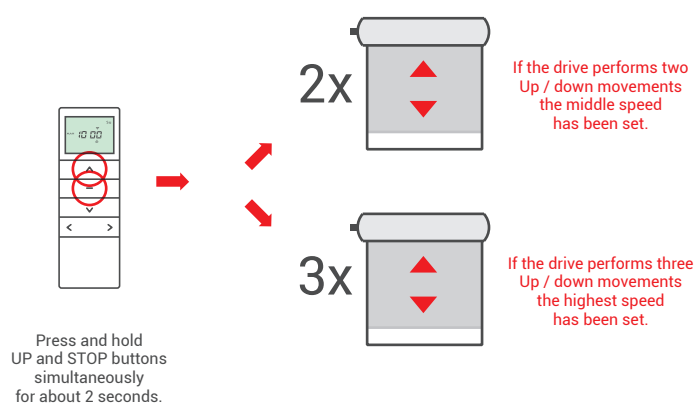


17. Motor speed regulation

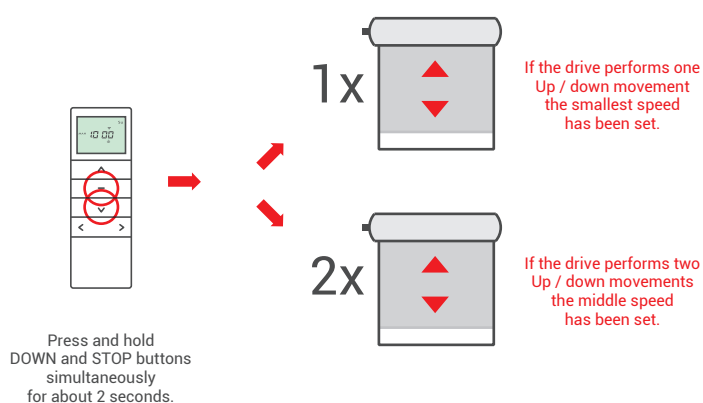


If the motor does not respond when pressed, it means that it is set to the smallest or highest speed motor.

INCREASE THE SPEED OF THE MOTOR:



MOTOR SPEED REDUCTION:



18. Programming key-ring remotes



When programming key-ring remotes that do not have additional P2 programming button the same function is substituted with simultaneous push of STOP and UP buttons.

Longer than 10 seconds pause between series of button clicks during programming will cause device to switch off from programming mode without saving any changes.

