



**NOVUS – Control unit for remote controlled shutter, roll curtain
or venetian blinds.
(with built-in RF receiver)**

CAUTION:

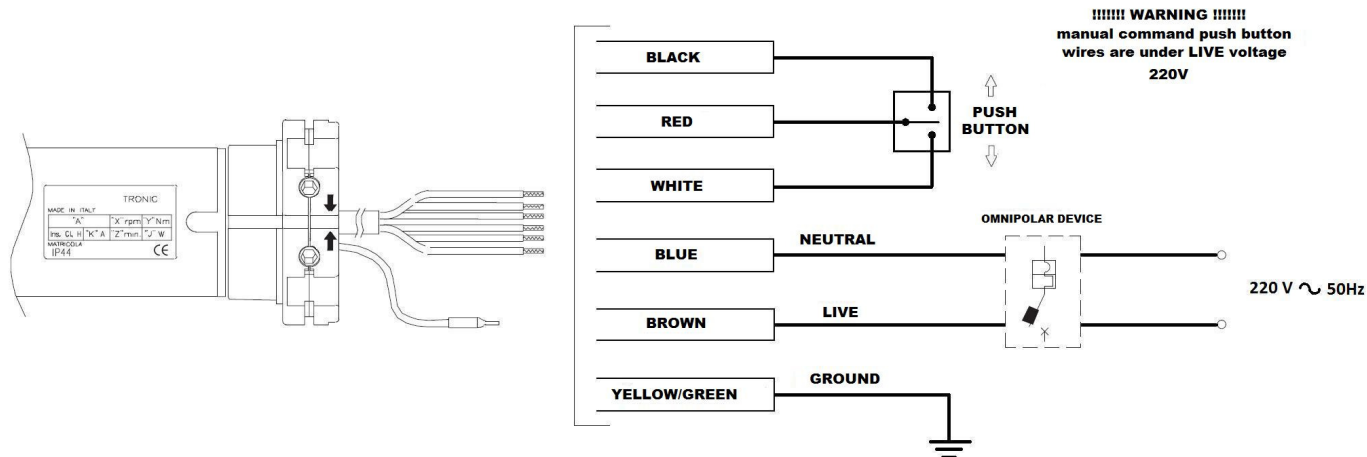
- It is important to read the following instructions for user and installer safety. Incorrect installation and use can cause physical and material damage.
- Save this instruction.
- THE MANUFACTURER is not responsible for the misuse of this product, for purposes other than those for which this product is intended.
- THE MANUFACTURER is not responsible for any consequences of using and installing components of other manufacturers.
- Do not make any modifications.
- Before installing, disconnect the device from the power supply.
- The user may not repair the device. For repairs call professional staff.
- Be sure to connect the device with 220V ac with earthing.
- USE PUSH BUTTONS NOT SWITCHES for a manual command.
- MANUAL COMMAND PUSH BUTTONS are supplied with a mains voltage of 220V ac.
- ALL CONNECTION OF THE DEVICE ON THE NETWORK MUST BE DONE BY AUTHORIZED AND PROFESSIONALLY QUALIFIED PERSON.

This product has been designed and manufactured exclusively for use for the purposes stated in this manual. Use of this device for any other purpose than those specifically stated in this manual may endanger the condition, functionality of the device, and may constitute a hazard.

Technical data:

Power supply	220Vac 50-60Hz
Working temperature	-20 ÷ 55 °C
Radio receiver	433.92 MHz
Remote controls	rolling code (remote controls of Unico series)
Remote controls memory	15 Remote controls
Relays	8A
Maximum motor power	800W
Mechanical protection	IP 44

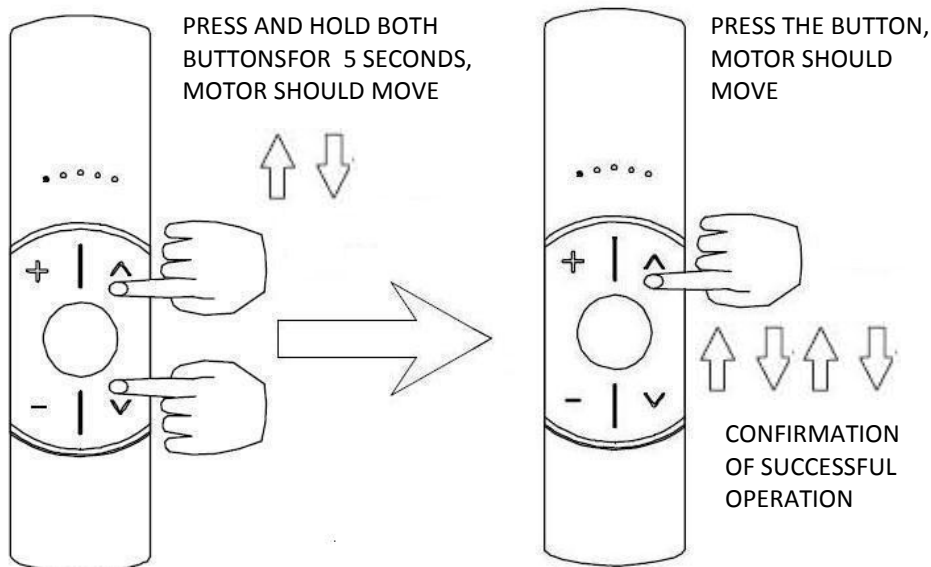
Connection diagram



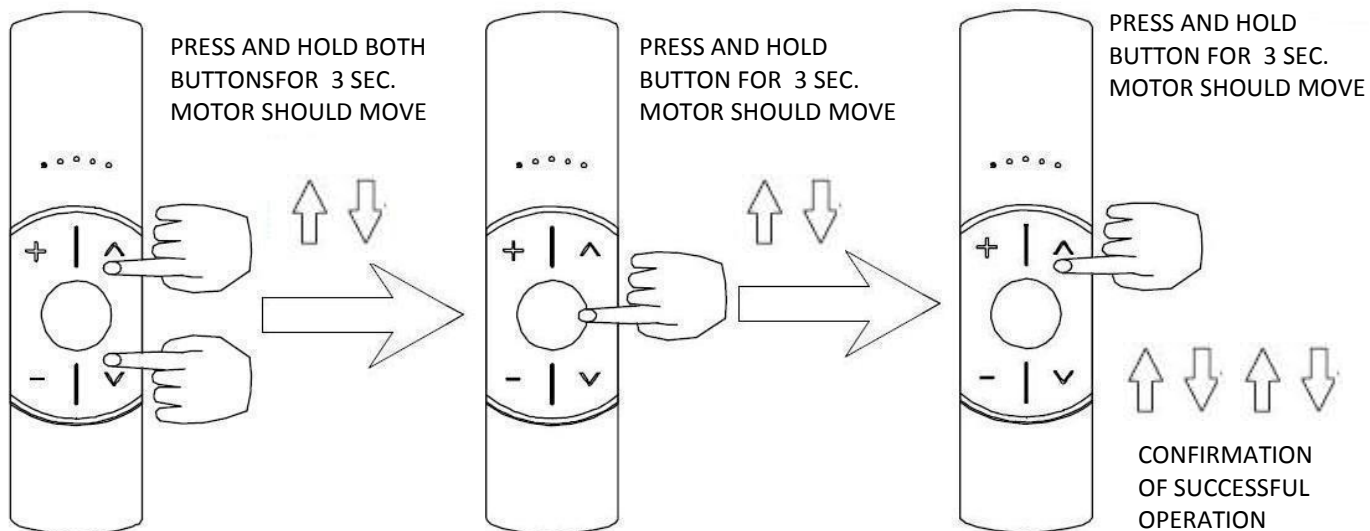
TRONIC NOVUS MOTOR PROGRAMMING

Learning of first remote controller.

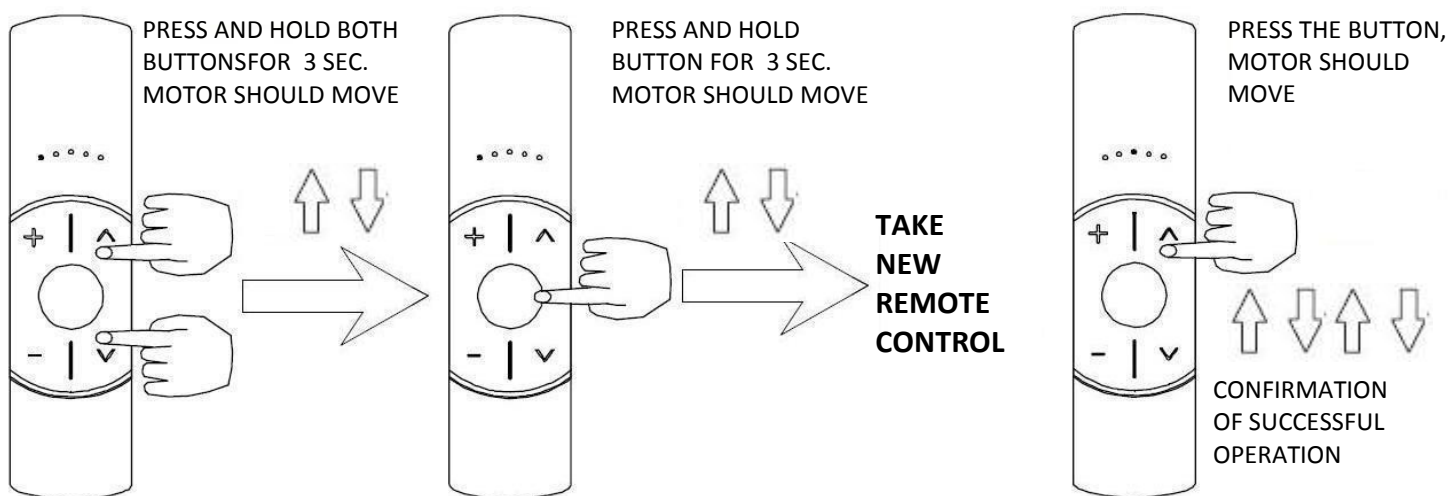
- After the first power-up, the TRONIC NOVUS engine will be started briefly "up and down". After that, you have 8 seconds to learn the remote control.
- If 8 seconds after a power-up you do not learn the remote control, you can continue to use the motor with the manual keys. When you switch on again, you will have a new chance to learn the remote. Once the engine has been memorized at least 1 remote control it will not start up and down when turning on the power.
- You have 8 seconds between two operations at any stage of programming. If the proper operation is not performed in these 8 seconds, the engine returns to its original state and works normally.



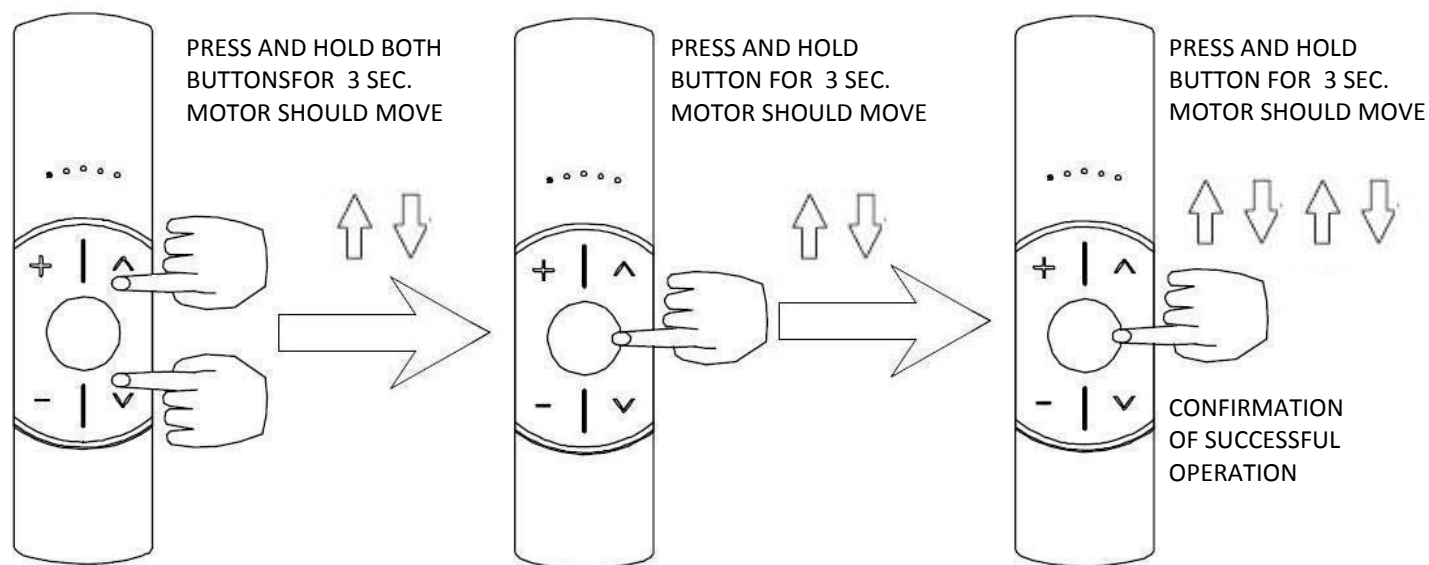
Direction change of the motor.



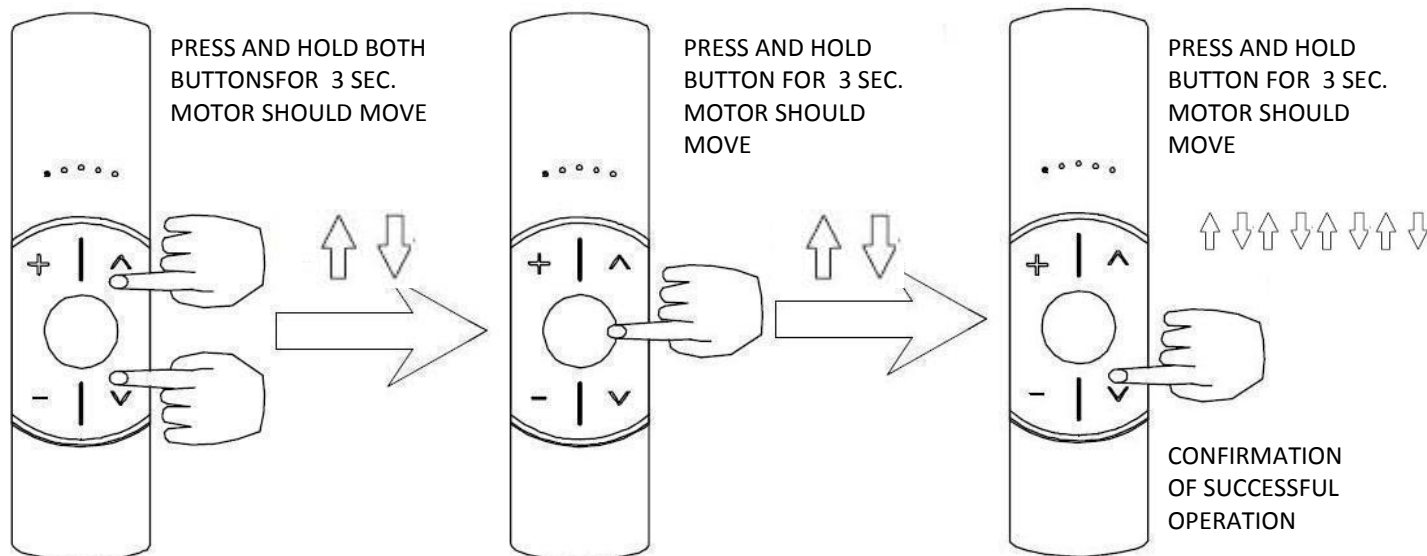
Adding remote controller.



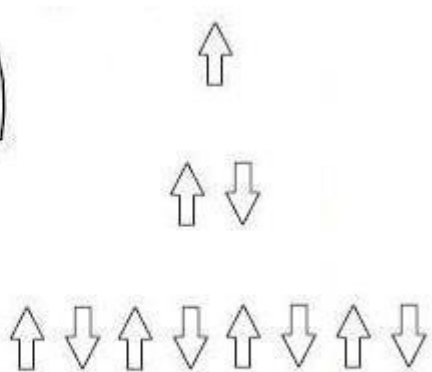
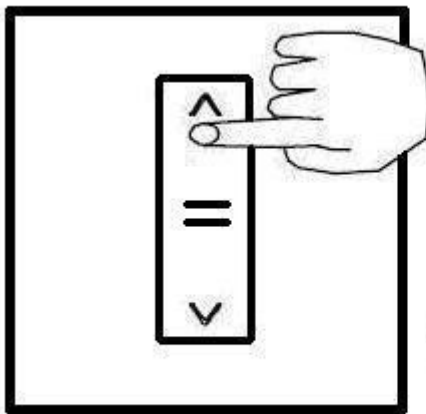
Function mode change. (Roller shutter/Awning «» Roller curtain / Venetian blinds)



Deleting remote controls.



Deleting remote controls with a manual command push button.



PRESS AND HOLD MANUAL COMAND PUSH BUTTON,MOTOR WILL MOVE IN ONE DIRECTION, AFTER 10 SEC. IT WILL STOP, KEEP HOLDING PUSH BUTTON.

IN NEXT 10 SECONDS MOTOR WILL MOVE BREAFLY IN BOTH DIRECTIONS. KEEP HOLDING PUSH BUTTON.

AFTER 20 SECONDS MOTOR WILL MOVE AND CONFIRM SUCCESSFUL OPERATION OF DELETING OF REMOTE CONTROLS

The TRONIC NOVUS engine can work with the UNICO series remote control.

The TRONIC NOVUS engine is designed to work in shutters, VENETIAN blinds, skylights or sunblinds of various types. It is designed to work with wireless "RADIO" sensors,

- Sensor for wind and sun SOLVENTO.
- Rain sensor PIOGGIA.
- Vibration sensor VIBRA.

For more information on programming and setting the sensors, refer to the instructions for individual sensor.

Deleting the remote control, the control panel returns to factory settings, all sensors are deleted and returned to the shutter mode.

After deleting the remote control with the manual button, the engine will start up and down and allow the remote control to be learned as if it was first plugged into the power. See learning the first remote control.

The engine has inputs for a manual command. You have to use the push buttons exclusively !! The voltage at the push button connection points is 220V !!!!!

Declaration of conformity:

Manufacturer declares that this product TRONIC NOVUS is made according to rules and directives R&TTE 99/5/EC, EMC 2004/108/EC, LVD 2006/95/EC.