

Failure to comply with this Manual may result in injury or death. Keep the Manual for reference.

1. TECHNICAL SPECIFICATIONS



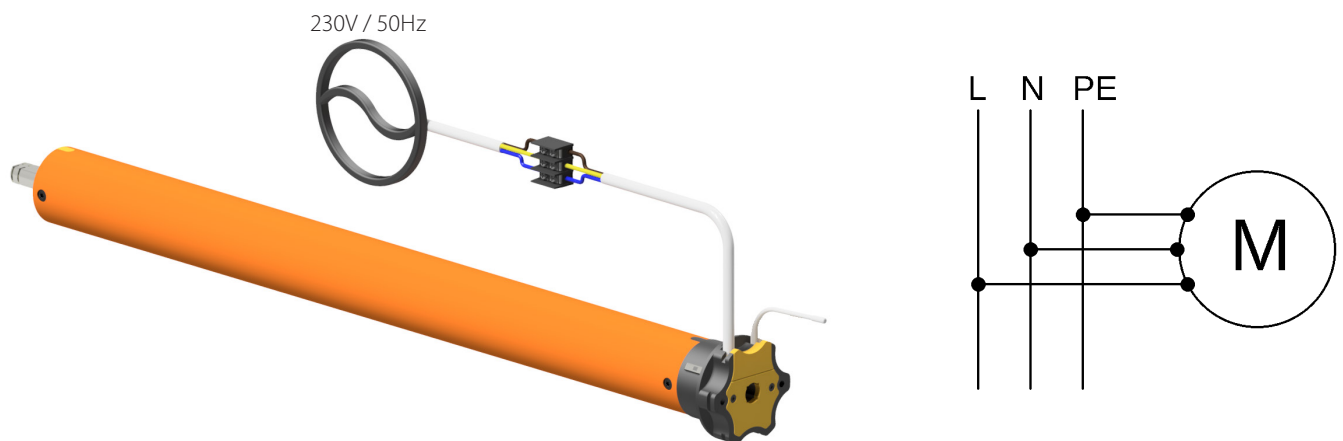
Power supply:	230 VAC / 50 Hz
Power consumption:	135 W, 170 W, 200 W
Limit switches:	Electronic
Operating temperature:	~ -10°C - ~ +60°C
Protection degree:	IP44
Frequency:	433.92 MHz
Radiated power:	10 miliwat (mW)
Average range:	80 meters (in open space), 20 meters (inside buildings)

Motor dedicated to screen system.

Reacts to obstacles - the motor with triple-checking obstacle function.
Works with all AC series transmitters included in the ALUPROF S.A. offer.
Ability of programming up to 20 transmitters. Each next transmitter will overwrite the last programmed one.


Company reserves the tolerance of catalog data due the different conditions usage.

2. ELECTRICAL CONNECTIONS



NOTE

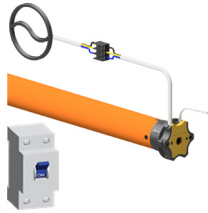
- Installation of the motor should be carried out by authorized persons.
- The motor should be powered by a separate circuit and protected by a quick fuse for example: circuit breaker type B10
- The motor is designed for use in dry rooms and should not be exposed to direct weather conditions.

 **IS IMPORTANT** to adjust the sensitivity of the overload mechanism to the size of the roller shutter.

4. SWITCH TO PROGRAMMING MODE



Press and hold "TOP" button.



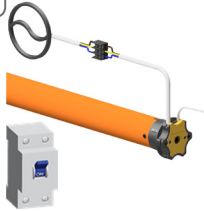
After 3 seconds, turn on the power to the motor. Release the button.



The motor will make a short move DOWN - UP.



Programming mode activated.



Turn on the motor's power supply.



Press and hold the „STOP“ button for 5 seconds.



The motor will make a short move DOWN - UP.



Programming mode activated.

5. MEMORIZING THE TRANSMITTER



Switch to programming mode according to point 4.



Press the „UP“ button.



The motor will make a short move DOWN - UP.



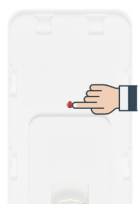
The transmitter has been added.

 For the AC116-04 transmitter, instead of the „UP“ button, press the selected channel number twice.

6. ERASING ONE TRANSMITTER.



Switch to programming mode according to point 4.



Press the „P2“ butto and hold for 1 second.



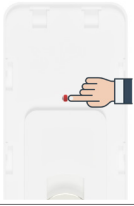
The motor will make a short move DOWN - UP.



The transmitter has been deleted.

7. MANUAL SETTINGS OF LIMIT POSITIONS

UPPER



On the transmitter press the „P2“ button.



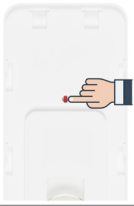
The motor will make a short move DOWN - UP.



Press the „UP“ button and hold for 2 seconds.



Press STOP when courtan reache limit position, correct the position if needed.



On the transmitter press the „P2“ button.



The motor will make a short move DOWN - UP.

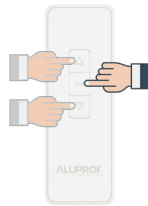


The upper limit position has been set.

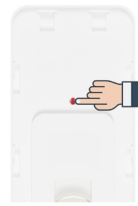
LOWER



Press the „DOWN“ button and hold for 2 seconds.



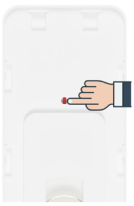
Press STOP when courtan reache limit position, correct the position if needed.



On the transmitter press the „P2“ button.



The motor will make a short move DOWN - UP.




Press the „P2“ button again.



The motor will make a short move UP - DOWN.



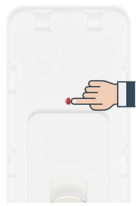
The lower limit position has been set.

 If the motor doesn't accept programming, proceed to step 11.

8. SETTING AN INTERMEDIATE POSITION



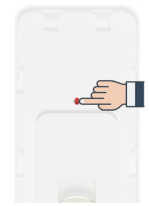
Set the roller shutter in the required position.



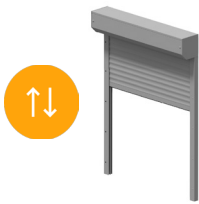
Press the P2 button.



The motor will make a short move
DOWN - UP.



Press the „P2“ button again.



The motor will make a short move
UP - DOWN.

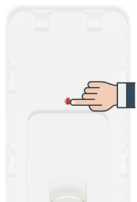


The intermediate
position is now set.



After double hold of the "UP" or "DOWN" button for 1.5 second, motor will open or close roller shutter in full (intermediate position will be skipped).

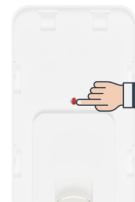
9. EDITING THE LIMIT POSITION



Press the „P2“ button and hold it
for 7 seconds.



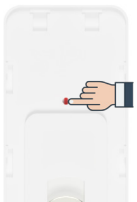
The motor will make a short move
DOWN - UP.



Press the P2 button.



Set the roller shutter in the
required position.



Press the „P2“ button again.

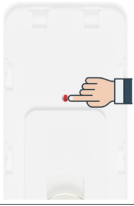


The motor will make a short move
UP - DOWN.



The limit position is
now set.

10. AUTOMATIC SETTING OF LIMIT POSITIONS



On the transmitter press the „P2”
button.



The motor will make a short move
DOWN - UP.



Press the „STOP” and „UP”. Roller
shutter opens.



After overload mechanism
is activated motor will change
operation direction. Roller shutter is
closing.



After overload mechanism is
activated motor will change
operation direction.
Roller shutter is opening.



After overload mechanism is
activated motor will make a move
„UP”- „DOWN”



The upper limit position has been set.



The motor automatically starts
moving in closing direction.




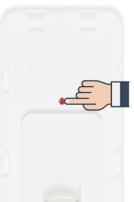
After overload mechanism is
activated motor will make a move
„UP”- „DOWN”



The lower limit position has
been set.

11. ERASING THE LIMIT POSITIONS

 The motor can't be in the limit positions during reset.



Press the „P2” button and hold it
for 7 seconds.



After 1 second the motor will
make a short move DOWN - UP.



After 7 seconds the motor will
make two short moves DOWN - UP.



The limit positions
have been deleted.

12. PROGRAMMING THE DIRECTION OF MOVEMENT



Switch to programming mode according to point 4.



Press the „DOWN“ button.



The motor will make a short move DOWN - UP.



The setting has been saved.

13. ACTIVATION OF THE IMPULSE MODE



Switch to programming mode according to point 4.



Press the „STOP“ button.



The motor will make a short move DOWN - UP.

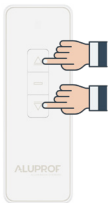


The setting has been saved.

14. REDUCING THE SENSITIVITY OF THE OVERLOAD MECHANISM.



Sensitivity range 1 (lowest) - 10 (highest). Default set to 6. Decreasing will step by 1 level.



Press the „UP“ and „DOWN“ buttons simultaneously and hold for 5 seconds.



The motor will make a short move DOWN - UP.



Press the „STOP“ and „DOWN“ buttons simultaneously.



The motor will make a short move DOWN - UP.



Press the „STOP“ button and hold for 2 seconds.



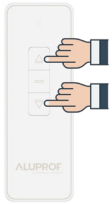
The motor will make a short move DOWN - UP.



The setting has been saved.

15. INCREASING THE SENSITIVITY OF THE OVERLOAD SYSTEM.

 Sensitivity range 1 (lowest) - 10 (highest). Default set to 6. Increasing will step by 1 level.



Press the „UP“ and „DOWN“ buttons simultaneously and hold for 5 seconds.



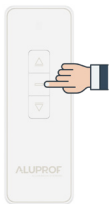
The motor will make a short move DOWN - UP.



Press the „STOP“ and „UP“ buttons simultaneously.



The motor will make a short move DOWN - UP.



Press the „STOP“ button and hold for 2 seconds.



The motor will make a short move DOWN - UP.

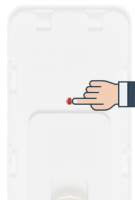


The setting has been saved.

16. FACTORY SETTINGS RESTORING.



Switch to programming mode according to point 4.




Press the „P2“ button and hold it for 7 seconds.



The motor will make a short move DOWN - UP.



Factory settings restored.

 Restoring to factory settings erase the limit positions and all the transmitters. The sensitivity of the obstacle detection mechanism returns to its default value.



In accordance with the provisions of the Directive of the European Parliament and of the Council 2012/19 / EU of 4 July 2012 on waste electrical and electronic equipment (WEEE), it is prohibited to place of used equipment together with other wastes, marked with crossed out wheeled bin symbol. The users are obliged to transfer their used equipment to a designated collection point for proper processing. The marking means, at the same time, that the equipment was put on the market after 13 August 2005. These legal obligations have been introduced to reduce the amount of waste generated from waste electrical and electronic equipment and to ensure an appropriate level of collection, recovery and recycling. The equipment does not contain any dangerous components, which would have any particularly negative impact on the environment and human health.