

# PROGRAMING MANUAL FOR DM TUBULAR MOTORS R SERIES

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

## 1. TECHNICAL SPECIFICATIONS



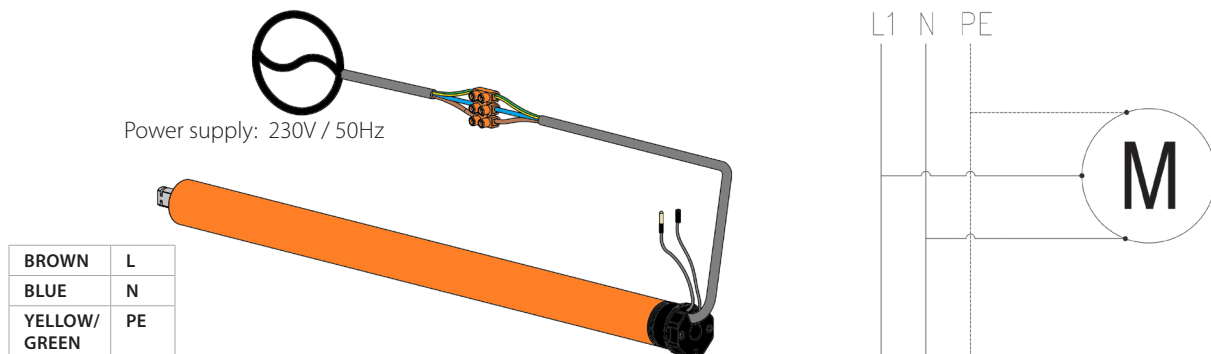
Power supply:	230 VAC / 50 Hz
Limit switches:	mechanical
Frequency:	433,92 MHz
Radiated power:	10 mW
Operating temperature:	~ -10°C - ~ +50°C
Protection degree:	IP44
Average range:	200 meters (in open space), 35 meters (inside buildings)

Bulid in radio receiver,  
UP To 20 transmitters can be programed to one motor Each next transmitter will overwrite the first one,

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

All DC series transmitters available in the ALUPROF offer are suitable for the radio control.

## 2. ELECTRICAL CONNECTIONS



### NOTE

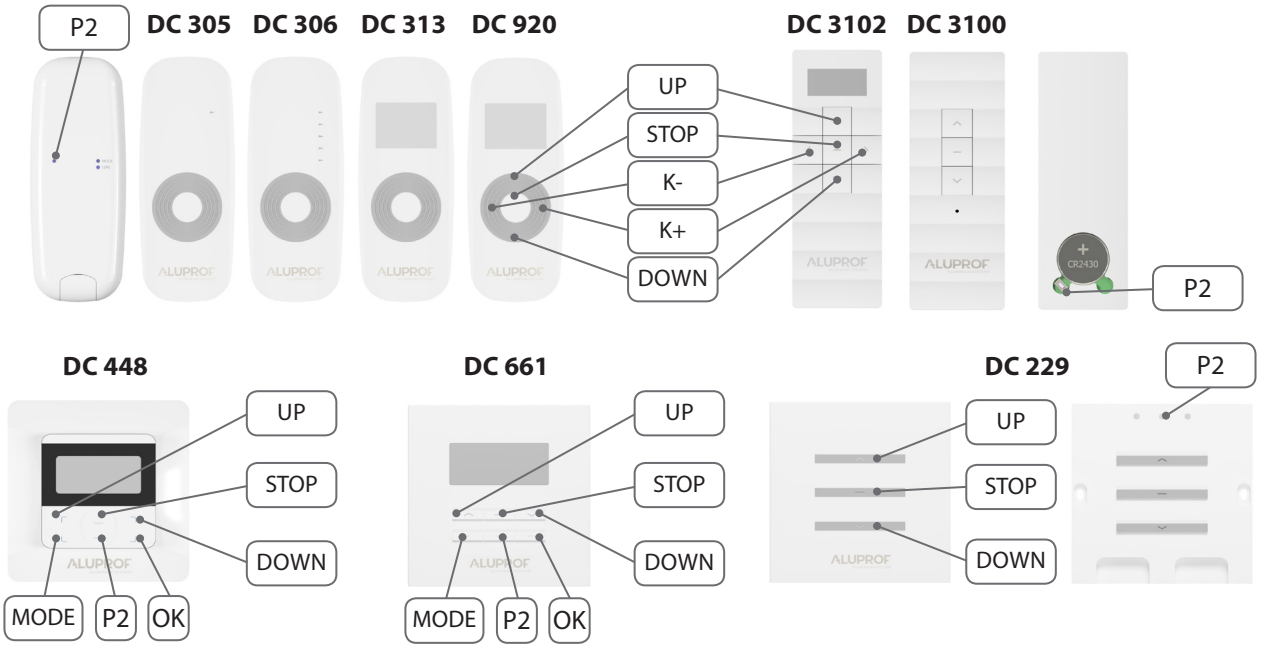
- Installation of the motor should be carried out by authorized persons.
- The motor is designed for use in dry rooms and should not be exposed to direct weather conditions.
- The motor should be powered by a separate circuit and protected by a quick fuse for example: circuit breaker type B10



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.



3. REMOTE CONTROLLERS



**LEGEND**

**UP** - activation of this button will move curtain up.

**DOWN** - activation of this button will move curtain down.

**P2** - activation of this button will switch to programming mode.

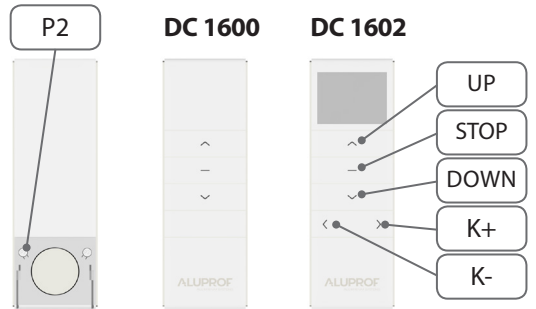
**K+** - activation of this button will switch to the next channel.

**K-** - activation of this button will switch to the previous channel.

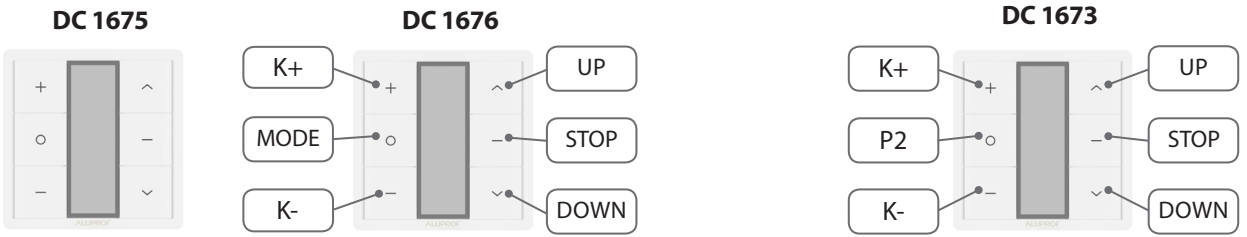
**K1** - first channel buttons.

**K2** - second channel buttons.

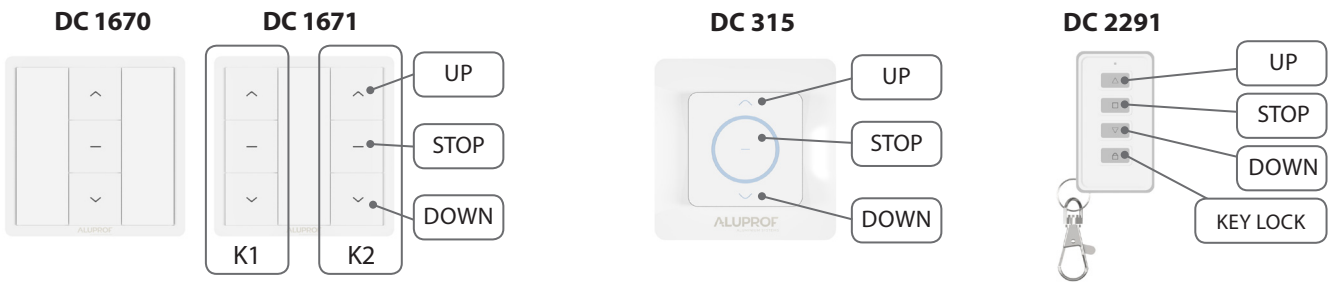
**MODE** - button activates the settings of the clock and date.



! Activation of the "P2" button in DC1675, DC1676 wall transmitters is performed by a combination of both keys "MODE" and "K+".



! Activation of the "P2" button in remote controller DC1670, DC1671, DC315, DC2291 is performed by a combination of both keys "STOP" and "UP".

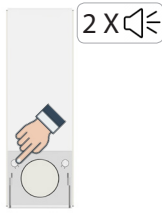


**4. PROGRAMMING OF THE FIRST TRANSMITTER.**

**v. I**



Press the SET button on the motor's head wire, which will be confirmed by an acoustic signal (1xBIP).



In an interval of about two seconds, press the „P2” button twice which will be confirmed by a acoustic signal (2xBIP).



Press the “UP” button which will be confirmed with an acoustic signal (1xBIP).

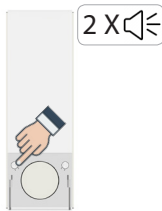


After correct programming the tubular motor will beep (6xBIP) and it is ready for an regular use.

**v. II**



Turn on the power of the motor, which will be confirmed by a acoustic signal (1xBIP).



In an interval of about two seconds, press the „P2” button twice which will be confirmed by a acoustic signal (2xBIP).



Press the “UP” button which will be confirmed with an acoustic signal (1xBIP).

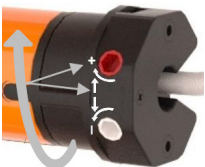


After correct programming the tubular motor will beep (6xBIP) and it is ready for an regular use.

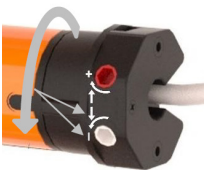


This function deletes previously saved transmitters from the motor's memory.

**5. SETTING THE LIMIT SWICHES**

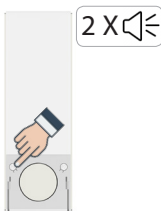


1. Start the closing mode of the shutter until it stops in the requested position (if the roller shutter is fully closed and the motor is still working, it should be stopped and proceed to step 3)..
2. Turn the knob (marked ↑) in the (+) direction until required position of the shutter is reached.
3. If required position is exceeded raise the shutter and turn the knob few times in the (-) direction and repeat the procedure from first point.



1. Start the roller shutter in opening direction until it stops in the end position (if the roller shutter is still opening it should be stopped and proceed to step 3).
2. Turn the knob (marked ↓) in the (+) direction until required position of the shutter is reached.
3. If the requested position is exceed lower the shutter and regulate the knob in the (-) direction and repeat the procedure from step 1.

**6. ADDING ANOTHER TRANSMITTER**



Press the “P2” button twice of the already programmed transmitter which will be confirmed by a acoustic signal (2xBIP).



Press the “P2” button of the new transmitter.



After successful setup the radio receiver will beep (5xBIP).

## 7. PROGRAMMING THE DIRECTION OF MOVEMENT

v. I



3 X



Press the SET button (which is on the head of the motor) for 6 seconds.

Hold the button till the motor will make three short beep (3xBIP). This means that the directions of the movement have been changed.

v. II



1 X

Turn on the power of the motor, which will be confirmed by a acoustic signal (1xBIP).



2 X

In an interval of about two seconds, press the „P2” button twice which will be confirmed by a acoustic signal (2xBIP).



1 X

Press the „DOWN” button which will be confirmed by an acoustic signal (1xBIP).

6 X



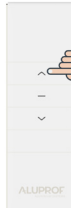
After correct programming the tubular motor will beep (6xBIP) and it is ready for an regular use.

## 8. ACTIVATION OF THE IMPULSE MODE



1 X

Press the „P2” which will be confirmed by an acoustic signal (1xBIP).



1 X

Press the „UP” button which will be confirmed with an acoustic signal (1xBIP).



Press the „P2” button

3 X



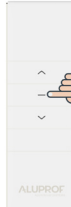
After successful setup the radio receiver will beep (3xBIP). The device will switch into operation mode without support, repeat the programming sequence to return to the operation mode with support.

## 9. ERASING THE MEMORY OF THE MOTOR



1 X

Press the „P2” which will be confirmed by an acoustic signal (1xBIP).



1 X

Press the „STOP” button which will be confirmed with an acoustic signal (1xBIP).



Press the „P2” button

3 X



After successful setup the radio receiver will beep (3xBIP).



Deleting of any transmitter will erase all other transmitters programed to the motor.

Manufacturer:

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We reserve the right to any technical change.  
Valid on 2022.07.21