



VA-13/11/2024

Product information:

The 93 is a powerful motor, with multiple connection options and excellent performance.

Powerful and silent electric motor

It can be automatic by connecting via electric or telephone cable.

Automatic One Touch Technology, gently pulling the curtain to open or close

Special patented clutch system with manual option in case of power failure

Automatic search for limits

Resistant drive belt with inner steel for heavy curtains and/or frequent use of motorization

With the dry contact interface, providing the action point or even the movement pattern of the remote control switch, it makes it easy to achieve a wide variety of control modes (page 6)

Allows lateral and central opening


Compatible rails:

RM09


Motor 93

Características / Features / Caractéristiques	Opciones / Options / Options	Radio / Radius / Rayon	2 m	4 m	6 m	8 m	12 m
		0°	120 Kg	100 Kg	90 Kg	70 Kg	50 Kg
		90°	80 Kg	70 Kg	60 Kg	55 Kg	40 Kg
		R≥200 cm	80 Kg	75 Kg	60 Kg	55 Kg	40 Kg
		90° x 2	60 Kg	50 Kg	40 Kg	20 Kg	10 Kg

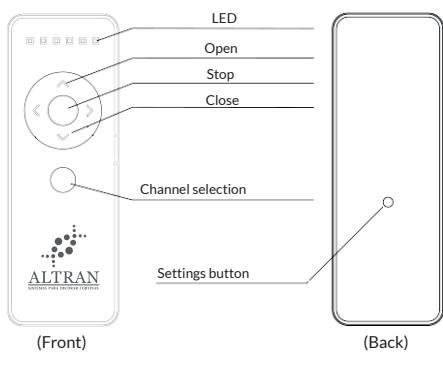
Especificaciones técnicas / Technical characteristics / Caractéristiques techniques

Modelo Model Modele	Voltaje Voltage Tension	Frecuencia Frequency Fréquence	Intensidad Current Courant	Potencia Torque Couple	RPM RPM RPM	Velocidad Speed Vitesse	% Marcha % Time % Course	Nivel ruido dB dB	Protección IP Grade / Protection
93	100-240 VAC	50/60 Hz	0,45 A	2 NM	80	0,12 m/s	S3 50%	37 dB	IP41

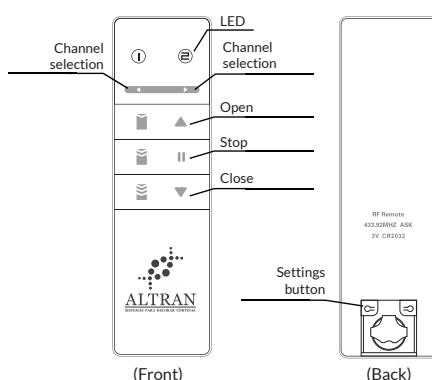
Controls and receivers

*If indicated, motorized systems are delivered configured with their control.
If required, you can perform a "full reset" to start over.

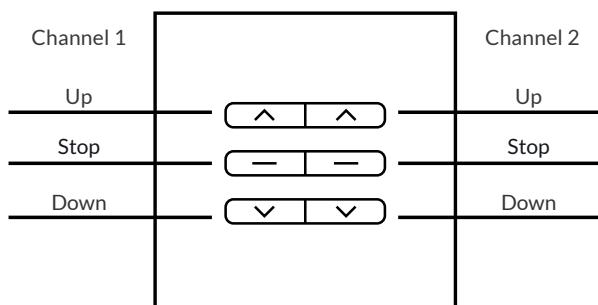
Control J.R 113



Digital control J.R 136

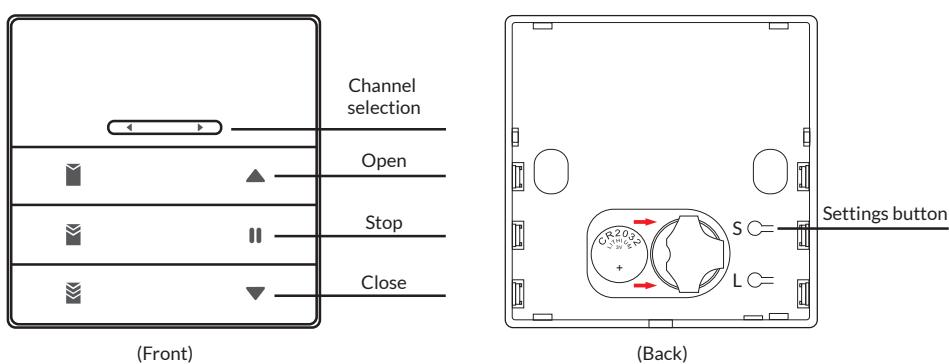


Receiver J.R 113



With conector RJ9

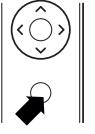
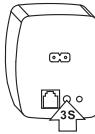
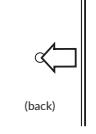
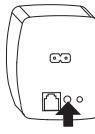
Digital Receiver J.R127



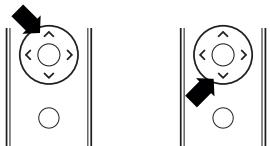


Configuration with remote JR113

Match motor

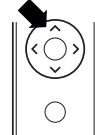
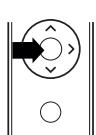
① Select channel 	② Enter setting mode  Press [Setting Mode] on the engine for 3 seconds until the LED light turns on and remains steady.	③ Transmit channel to motor 	④ Confirm  Press [Setting Mode] to confirm and complete the process channel adjustment, until the light goes off.
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Automatic limit adjustment

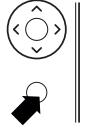
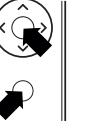


From the remote control, press to open the curtain until it completes the route of the rail. Once done, press to close the curtain until it closes completely. Once the motor complete the tour, the limits will be set

Manual limit adjustment

① Position the curtain 	② Set the limit  Press [Open] to make the curtain start moving and stop at the desired location by pressing [Stop]	③ Confirm  Press and hold on the controller [Setting Button] and [Open] for 5 seconds.	Press again [Setting button] to confirm the action
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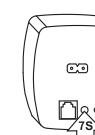
Change direction

① Select channel 	② Enter setting mode  Press [Setting Mode] on the engine for 3 seconds until the LED light turns on and remains steady.	③ [Stop] + [Channel selection] 	④ Confirm  Confirm by pressing [Setting Mode] on the motor.
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*When the direction is changed, the end limit is eliminated.

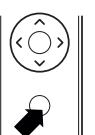
Full reset

Full Reset deletes all motor settings and unlinks the controller

① Enter "Setting Mode" 	② Reset motor  Press [Setting Mode] on the motor for 7 seconds until the LED light turns off and the motor moves.
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End limits reset

End limits Reset only removes end limits on the selected channel

① Select channel 	② Reset end limits  Simultaneously press on the control [Setting button] and [Stop] for 4 seconds
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Configuration with digital remote J.R136

Match motor

① Select channel



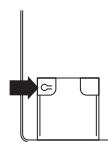
Press [Channel Selection] to choose the desired channel.

② Enter setting mode



Press [Setting Mode] on the engine for 3 seconds until the LED light turns on and remains steady.

③ Transmit channel to motor



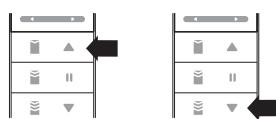
Press [Setting Button] on the back of the remote. The LED light of the engine will flash.

④ Confirm



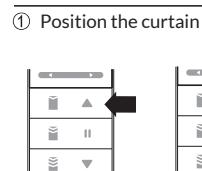
Press [Setting Mode] to confirm and complete the process channel adjustment, until the light goes off.

Automatic limit adjustment

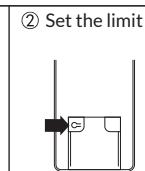


From the remote control, press to open the curtain until it completes the route of the rail. Once done, press to close the curtain until it closes completely. Once the motor complete the tour, the limits will be set

Manual limit adjustment



Press [Open] to make the curtain start moving and stop at the desired location by pressing [Stop]



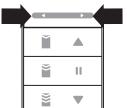
Press and hold on the controller [Setting Button] and [Open] for 5 seconds.



Press again [Setting button] to confirm the action

Change direction

① Select channel



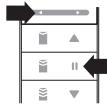
Press [Channel Selection] to choose the desired channel.

② Enter setting mode



Press [Setting Mode] on the engine for 3 seconds until the LED light turns on and remains steady.

③ [Stop] + [Channel selection]



Press the [Stop] buttons and [Channel Select] simultaneously

④ Confirm



Confirm by pressing [Setting Mode] on the motor.

*When the direction is changed, the end limit is eliminated.

Full reset

Full Reset deletes all motor settings and unlinks the controller

① Enter "Setting Mode"



Press [Setting Mode] on the motor for 3 seconds until the LED light turns on.

② Reset motor

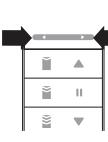


Press [Setting Mode] on the motor for 7 seconds until the LED light turns off and the motor moves.

End limits reset

End limits Reset only removes end limits on the selected channel

① Select channel



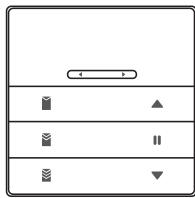
Press [Channel Selection] to choose the desired channel.

② Reset end limits



Simultaneously press on the control [Setting button] and [Stop] for 4 seconds

Configuration with digital receiver J.R127



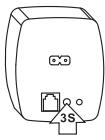
Match motor

① Select channel



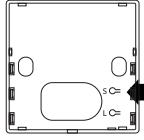
Press [Channel Selection] to choose the desired channel.

② Enter setting mode



Press [Setting Mode] on the engine for 3 seconds until the LED light turns on and remains steady.

③ Transmit channel to motor



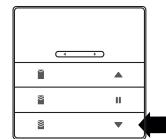
Press [Setting Button] on the back of the remote. The LED light of the engine will flash.

④ Confirm



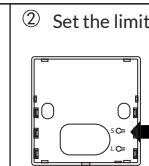
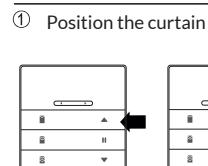
Press [Setting Mode] to confirm and complete the process channel adjustment, until the light goes off.

Automatic limit adjustment



From the remote control, press to open the curtain until it completes the route of the rail. Once done, press to close the curtain until it closes completely. Once the motor complete the tour, the limits will be set

Manual limit adjustment



Press [Open] to make the curtain start moving and stop the desired location by pressing [Stop]



Press and hold on the controller [Setting Button] and [Open] for 5 seconds.

Press again [Setting button] to confirm the action

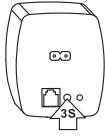
Change direction

① Select channel



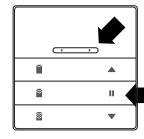
Press [Channel Selection] to choose the desired channel.

② Enter setting mode



Press [Setting Mode] on the engine for 3 seconds until the LED light turns on and remains steady.

③ [Stop] + [Channel selection]



Press the [Stop] buttons and [Channel Select] simultaneously

④ Confirm



Confirm by pressing [Setting Mode] on the motor.

*When the direction is changed, the end limit is eliminated.

Full reset

Full Reset deletes all motor settings and unlinks the controller

① Enter "Setting Mode"



Press [Setting Mode] on the motor for 3 seconds until the LED light turns on.

② Reset motor

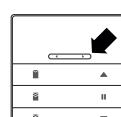


Press [Setting Mode] on the motor for 7 seconds until the LED light turns off and the motor moves.

End limits reset

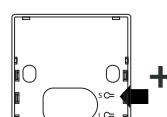
End limits Reset only removes end limits on the selected channel

① Select channel



Press [Channel Selection] to choose the desired channel.

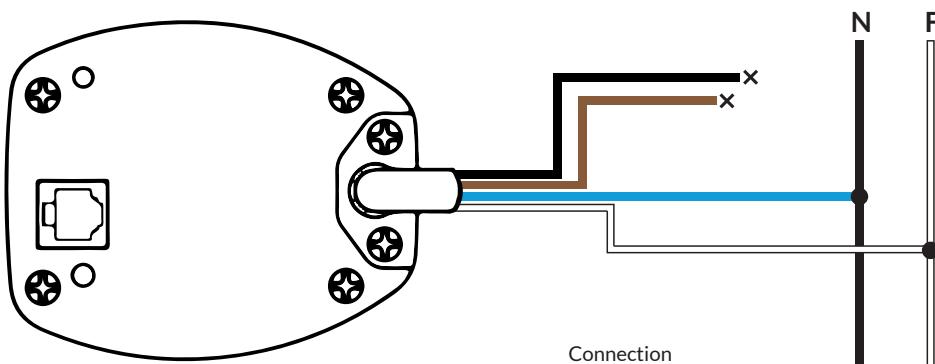
② Reset end limits



Simultaneously press on the control [Setting button] and [Stop] for 4 seconds

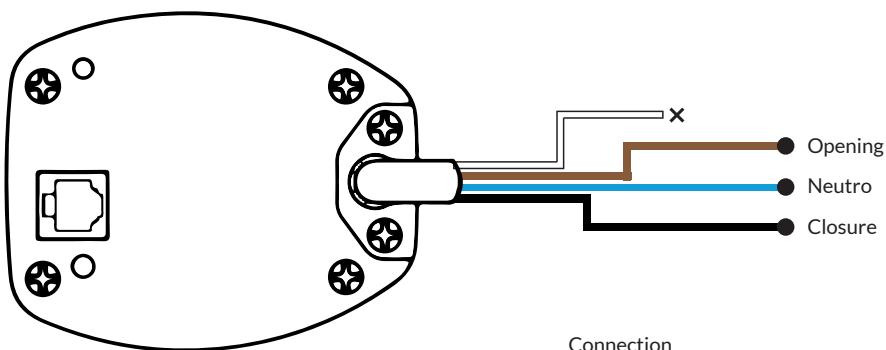
Connection diagram

Remote control connection

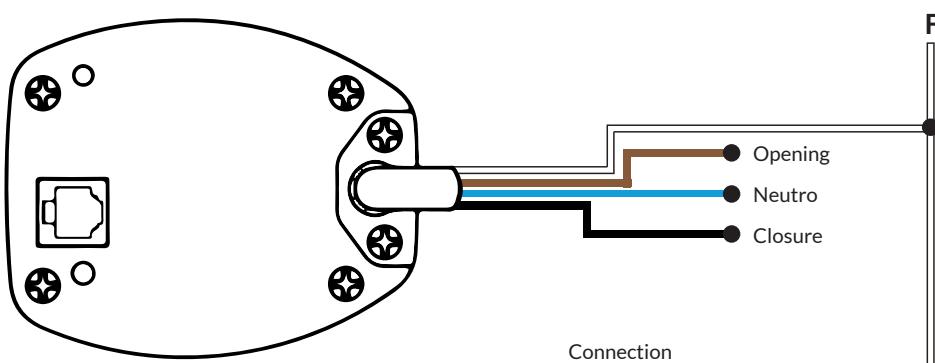


Receiver or home automation connection

*No válido para el pulsador J.R112

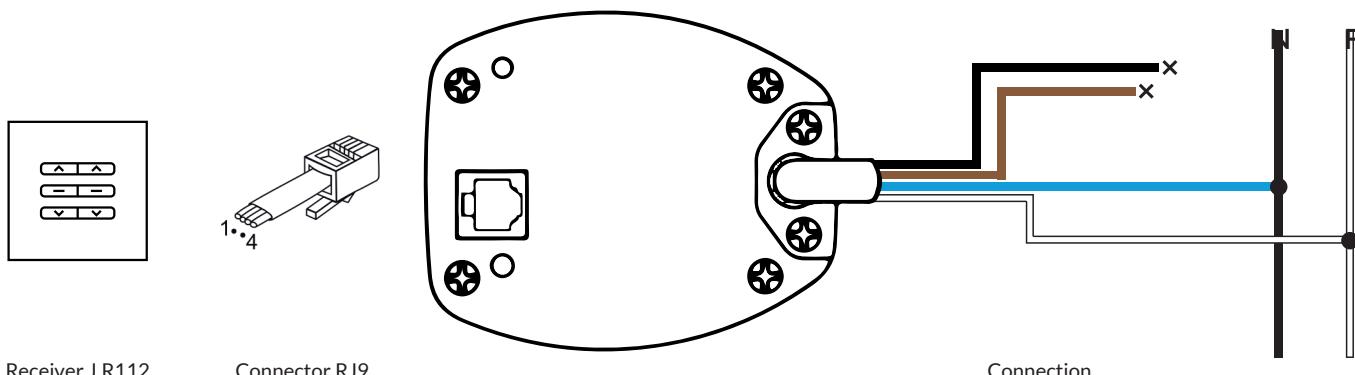


Home automation and remote control



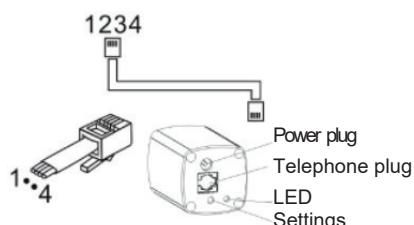
Connection diagram

Receiver J.R112 with telephone cable connection

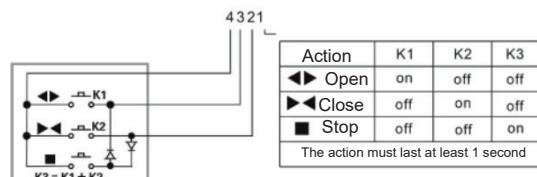


Home automation

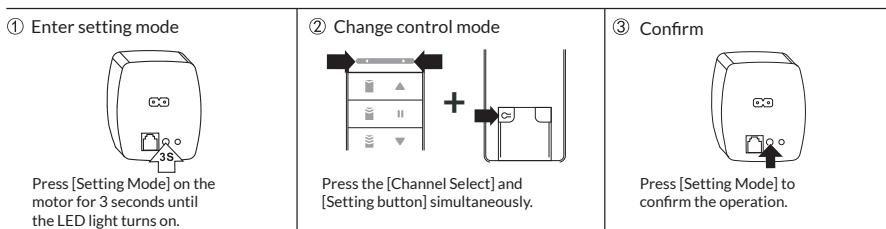
How to connect



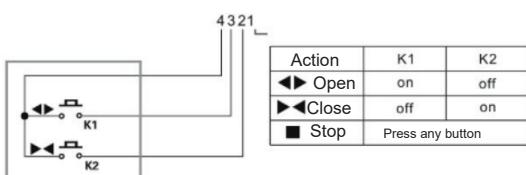
3 Buttons control (activated by default)



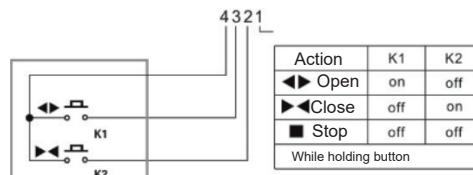
Change control mode



2 Buttons control



Direct control

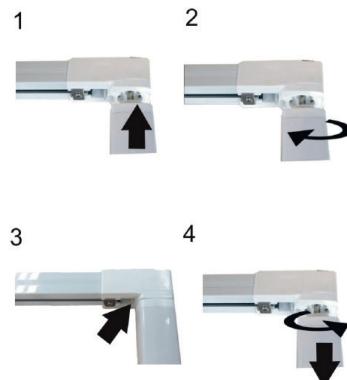


Installation and assembly

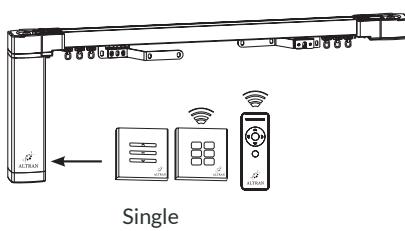
Installation and removal

RM09

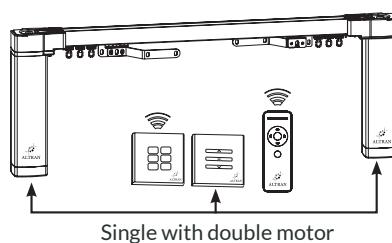
1. Place the motor shaft into the drive unit
2. Rotate the motor 90 degrees and leaving it parallel to the rail
3. Press and hold the closure tab and then push it
4. Turn the motor 90 degrees and take out the motor



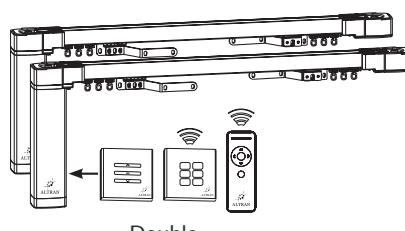
Mounting options



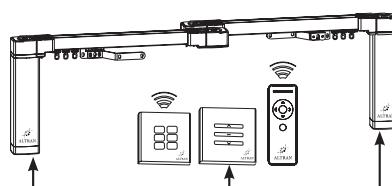
Single



Single with double motor



Double



Double

Compatible rails

RM09

