

Manual Brel bi-directional mechanical radio 35mm and 45mm motor

Type BR35 and BR45

Read the manual before you begin the installation. If these instructions are not followed, this may lead to defects and injury in which warranty can't be claimed.

warning:

Children cannot recognize the dangers of electrical equipment and may therefore not work with it.

It is important to follow this instruction for your own safety.

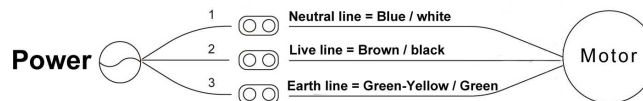
1. Do not operate the motor in humid surroundings.
2. The motor must be installed correctly.
3. Keep the antenna in a good condition and do not shorten. The antenna should not come into contact with other metal parts otherwise it will reduce the effect.
4. The motor must be protected from direct moisture influences.
5. BREL-Motors declares that this motor has been manufactured according to the guidelines of the CE standard 1999/5/EC



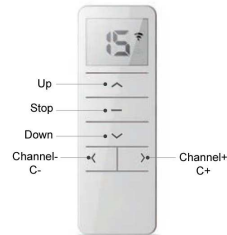
Wiring

3 wires: 220V/60Hz; 220V/50Hz; 120V/60Hz

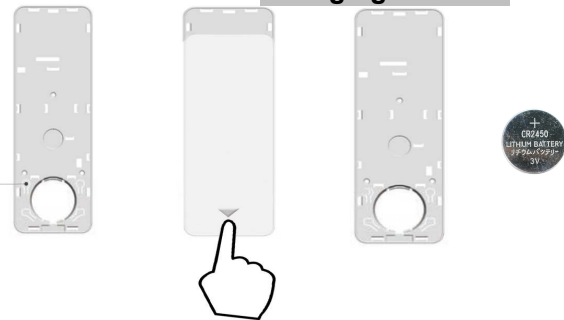
220V/60Hz / 230V/50Hz / 120V/60Hz



Functions remote control



Changing batteries



Works with all BREL transmitters:



Visit our website www.BREL-HOME.com for more manuals and information

Technical data of the motor

	BR35-10	BR35-13	BR45-20	BR45-40
• Voltage:	AC 230V	AC 230V	AC 230V	AC 230V
• Power:	121W	121W	198W	198W
• Torque:	10Nm	13Nm	20Nm	40Nm
• Maximum motor runtime:	4 min.	4 min.	4 min.	4 min.
• Speed:	17rpm	14rpm	15rpm	15rpm
• Amperage:	0.67A	0.67A	0.86A	0.86A
• Safety class:	H	H	H	H
• Moisture and dust protection:	IP44	IP44	IP44	IP44
• Temperature range:	Normal use:	-10°C tot +65°C		

NOTE:

If the motor has been running continuously for 4 minutes, it may become too hot and then stop. After approximately half an hour, this one will continue to run.



BR35-10



BR35-13



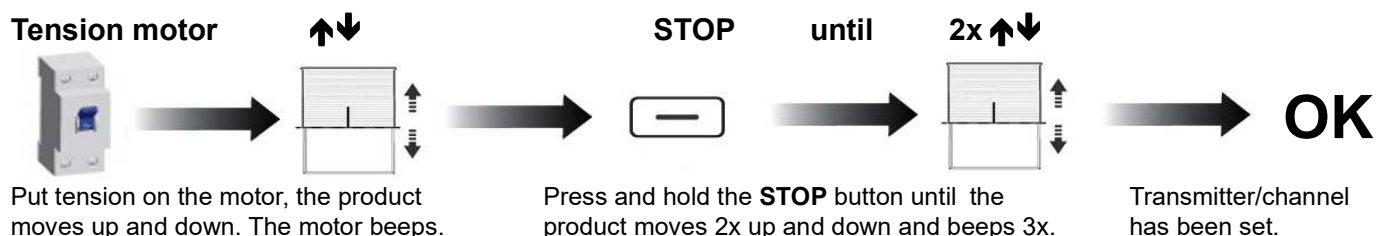
BR45-20



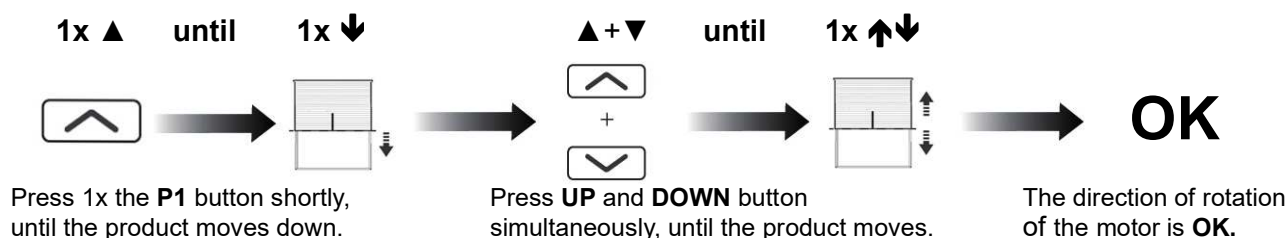
BR45-40

Scan the QR code here for the manual to download and view instructional videos

Step 1 Setting up the first remote/channel



Step 2 Adjusting the direction of rotation (Only if the direction of rotation is not correct)



Step 3 Adjusting endpositions of the motor

To determine where to stop the motor, use the adjustment pin provided.
The large arrow indicates the direction of rotation in which you change the end position.



By turning to the **Plus** or **Min** you can change the end position.
By turning to the **Plus**, the motor will make more revolutions.
By turning to the **Min**, the motor will make fewer revolutions.

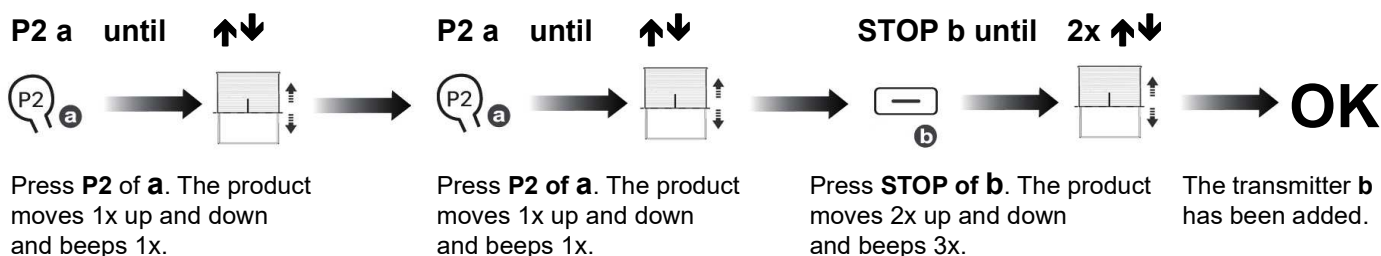
The setting must be done for both directions of rotation.
If the motor has stopped on its own, do not turn more than 1 revolution towards the **Min**.
If you turn more than 1 revolution to the **Min**, you can disable the adjustment.

Additional settings

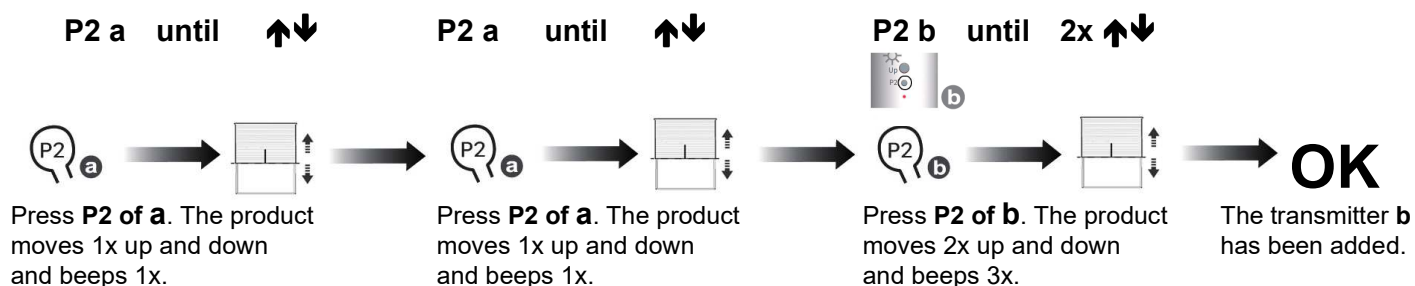
Option A Learn new transmitter/channel

a = Already existing transmitter **b** = New transmitter

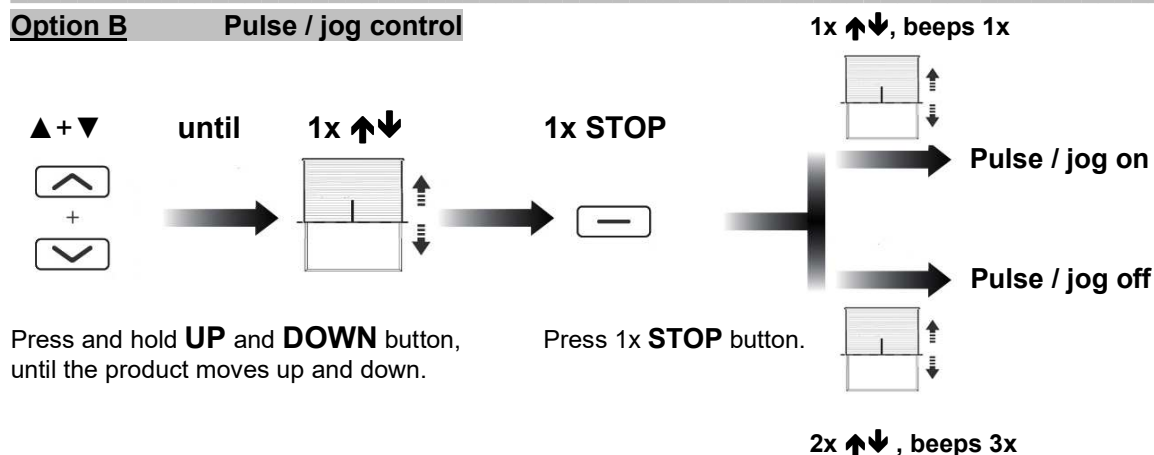
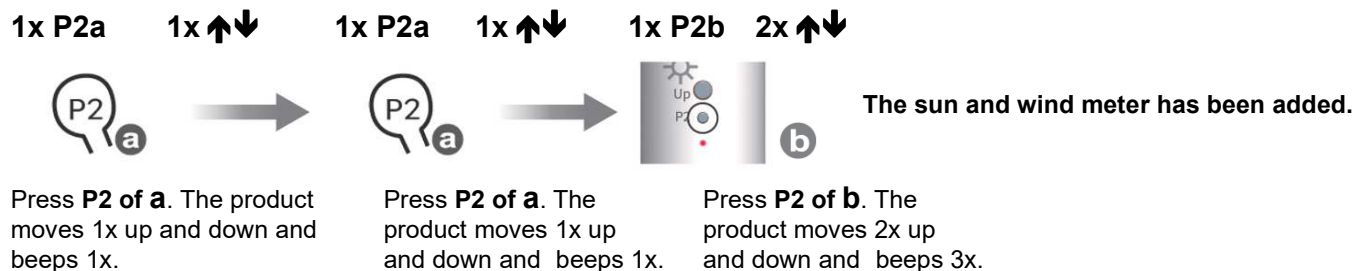
Method 1



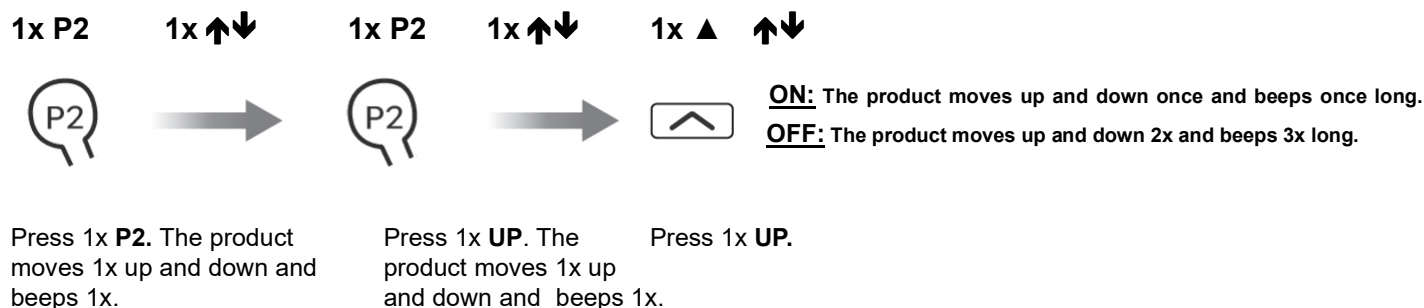
Repeating the above will remove the new transmitter/channel.

Method 2 (also sun- and windmometer)

Repeating the above will remove the new transmitter/channel.

Option B Pulse / jog control**Option C Sun and wind meter (DD-116H)****Add / remove**

By repeating the above, you can remove the sun and wind meter again.

On / off sun function (Factory setting = on)

By repeating the above, you can switch the sun function on or off again.