

# Manual Brel TDBU Brel double motor

Type BJE24TD



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:**

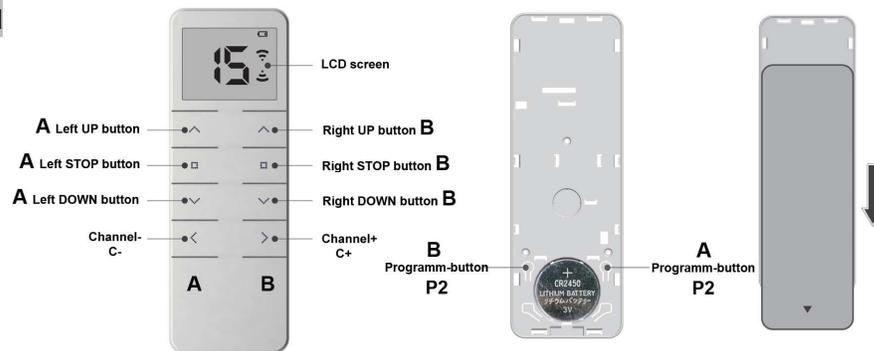
Children cannot recognize the dangers of electrical equipment and may therefore not work with it. It is important to follow this instruction for your own safety.

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



**Functions remote control**

DD-2762H



Always check that the remote control is in Bi-directional mode! Refer to manuals for remote controls at:

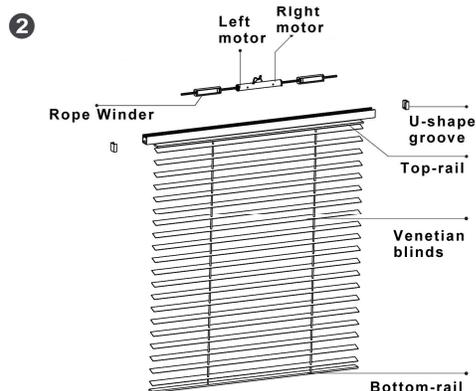
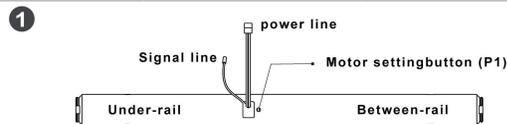
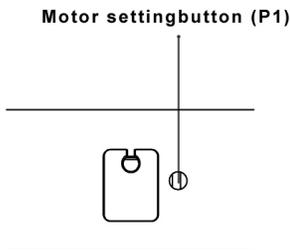
[www.brel-motors.nl](http://www.brel-motors.nl)

**Technical data of the motor**

• Torque	0.6 Nm
• Speed:	34 RPM
• Amperage:	0.7 A
• Voltage motor:	DC 12V
• Power:	8.4 W

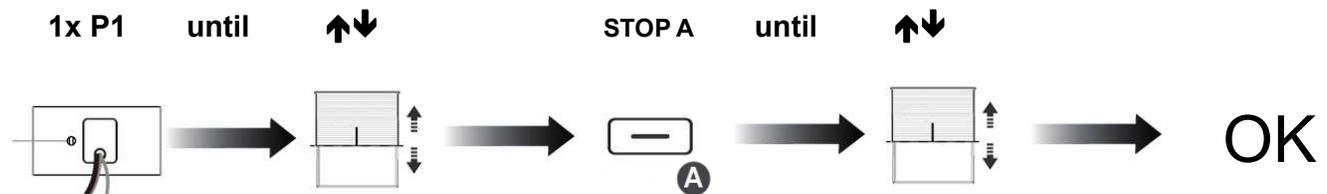


**Functions and installation motor**



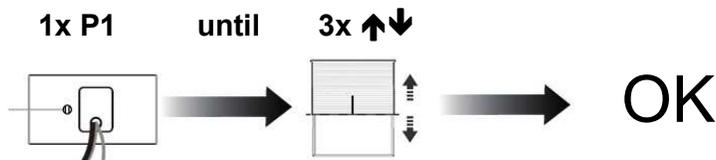
**Step 1 Setting up the first channel**

This action deletes all channels and final adjustments in memory.

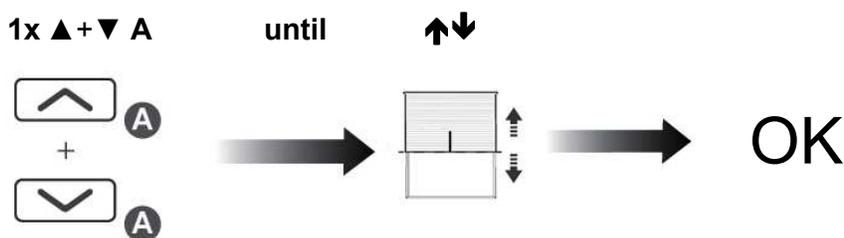


Hold down **P1** until the left and right motor is moving.

Hold down **STOP A** until the motor moves up and down.

**Step 2 Switching the between-rail with A and B**

Press and hold **P1** until the left and right motor moves 3x. Then let go.

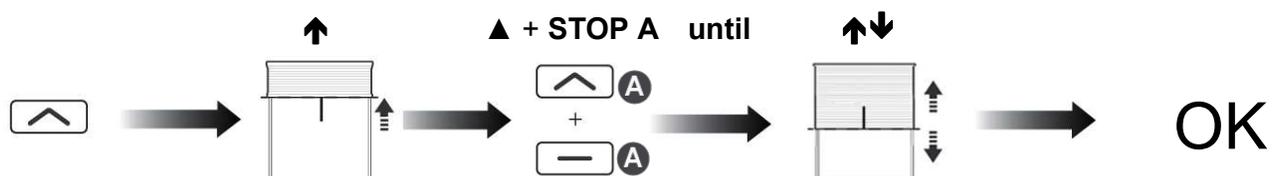
**Step 3 Changing the direction of rotation (Can only be changed if no end position is set)**

Press **UP A** and **DOWN A**. The motor moves 1x.

The direction of rotation for both rails has been changed.

**Step 4 Setting limit position**

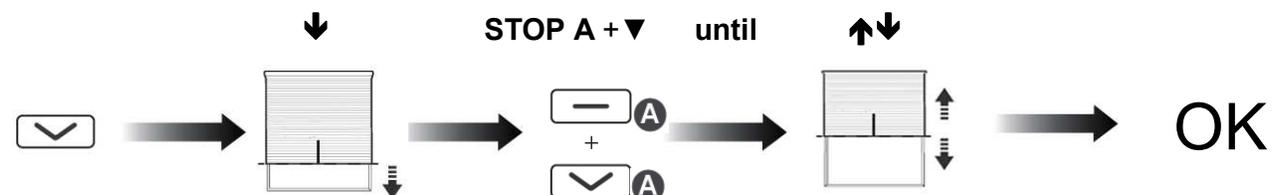
1. Set the desired top position of both motors.



Use the **OPERATING-** buttons to move the product to the desired top position. Both rails move.

Press **up** and **STOP A** until left and right motor moves up and down.

2. Set the desired down position of both motors.

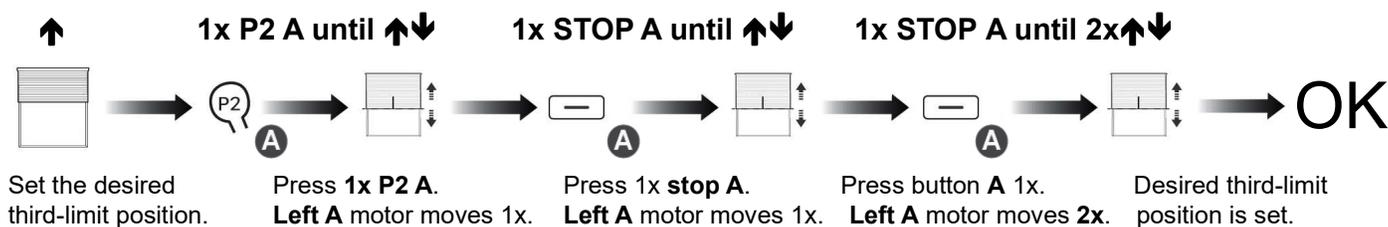


Use the **OPERATING-** buttons to move the product to the desired down position. Both rails move.

Press **DOWN** and **STOP A** until left and right motor moves up and down.

## Step 5 Setting the desired third-limit position

After setting the top and bottom position, you can set the desired third-limit position, like the half-open position.



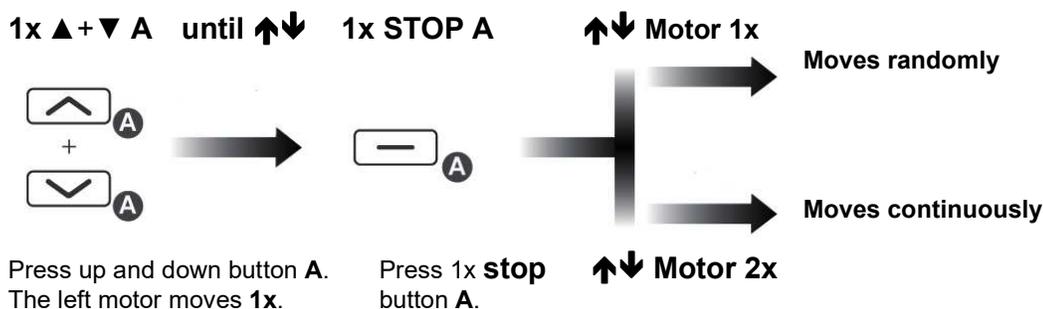
**Note:** Set a different third-limit position using the B buttons. Press the B button to repeat the above operation.

## Additional settings

### Option A Operation left / right motor

1. Running in the same direction: two motors can run up and down at the same time or run separately. The safety distance of another motor stops automatically during the operation of one motor.
2. Running in the opposite direction: two motors can run up and down, the other runs down or runs separately.

### Option B Jog-move or continuous mode



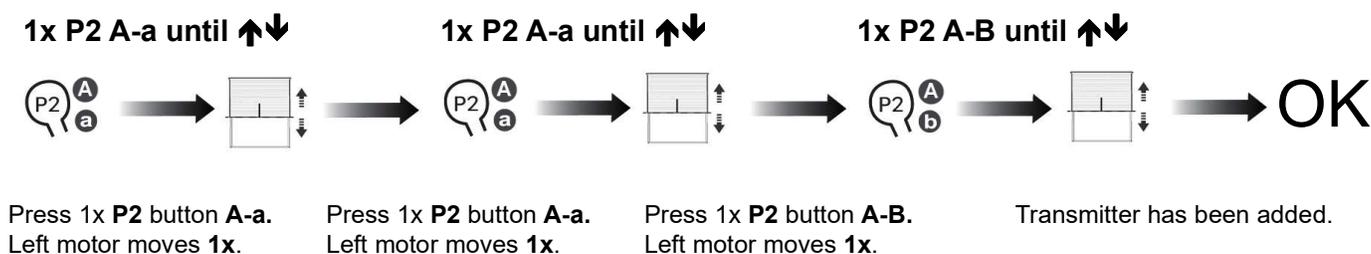
**Note:** set the jog-move / continuous move mode switch of the right motor, just press the B button to repeat that the above operation;

Briefly press the up / down button in jog-move mode. The motor is now in jog-move mode.

If you press the up / down button for a long time in jog-move mode, the motor runs continuously.

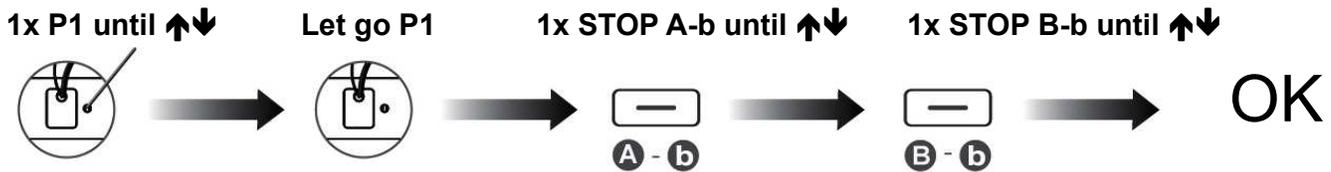
### Option C Add emitter. (Only possible if the final setting is set)

#### Variant 1



**Note:** Emitter a is the setting that already matches, while emitter b is not. Add a transmitter to the right motor of the set motor, press the B button to repeat the above operation. A is the existing transmitter and a is the button of the bottom rail.

**Variant 2**



Press 1x **P1** on the motor.  
Left and right motor moves 1x.

Release **P1** on the motor.

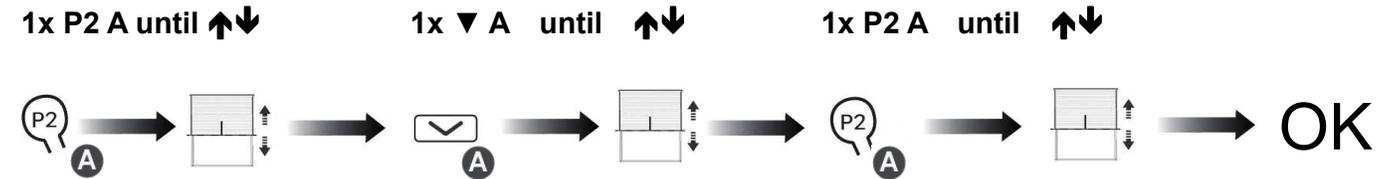
Press 1x **STOP** button **A-b**.  
Left motor moves 1x.

Press 1x **STOP** button **B-b**.  
Right motor moves 1x.

Transmitter has been added.

**Note:** *A-b is the transmitter to be added to the left motor.  
B-b is the transmitter that has to be added to the right motor.*

**Option D Cancel limit**



Press 1x **P2 A**.  
Left motor moves 1x.

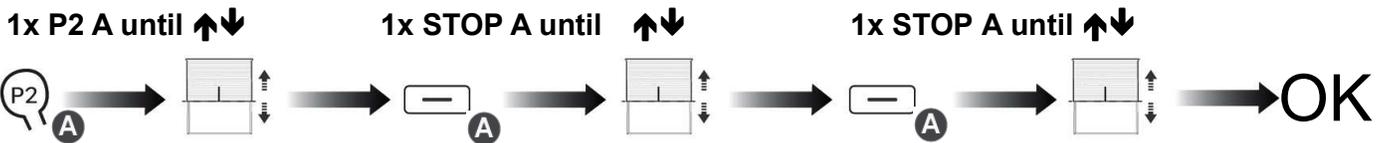
Press **DOWN A** 1x.  
Left motor moves 1x.

Press **P2 A**.  
Left motor moves 1x.

End positions has been removed.

**Note:** *The limit position of both motors is deleted.*

**Option E Delete desired third-limit position**



Press **P2 A**.  
Left motor moves 1x.

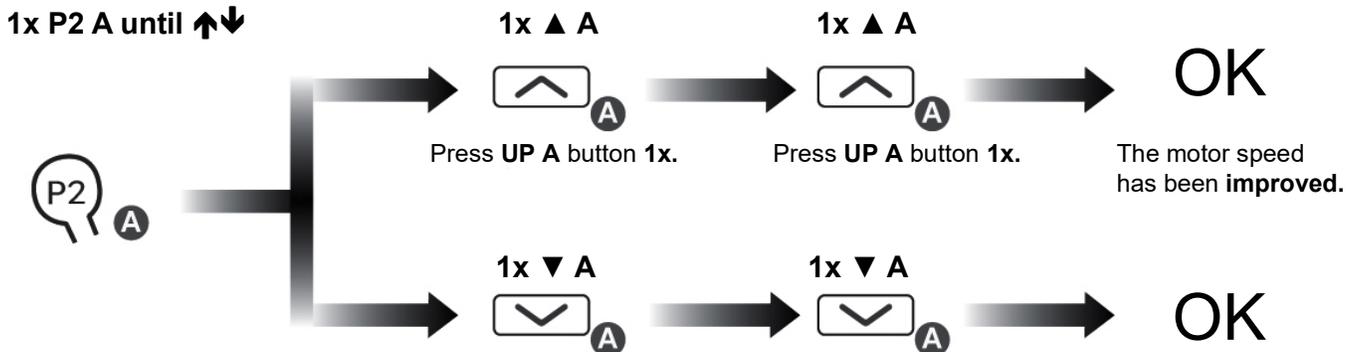
Press **STOP A**.  
Left motor moves 1x.

Press **STOP A**.  
Left motor moves 1x.

Desired third-limit position is deleted.

**Note:** *Delete the desired intermediate position of the right B motor.  
Press button B to repeat the above operation.*

**Option F Speed control**



Press 1x **P2** button **A**.  
The left motor moves 1x.

Press **UP A** button 1x.

Press **UP A** button 1x.

The motor speed has been **improved**.

Press **DOWN A** button 1x.

Press **DOWN A** button 1x.

The motor speed has been **reduced**.

**Note:** If the motor is running without moving, indicates that the motor has the maximum or has reached a minimum value; adjust the speed of the right motor, press the **b** button to repeat the above operation.

