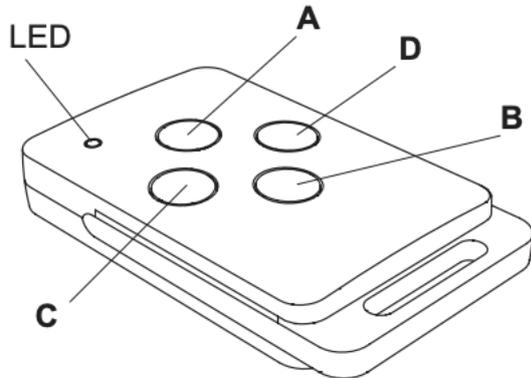# Qbus

Qbus Wireless 4-button remote control (QWE RC04/metal)

1. Product description

The QWE RC04/metal is a remote control with four buttons. Pressing one of the buttons transmits a telegram, which is picked up by the QWI/EW. Once you have configured it in System Manager III, you will have countless control options.

The QWE RC04/metal has a built-in battery. When the battery capacity is low, the indicator LED will flash when operated.

2. Commissioning

The QWE RC04/metal has a built-in battery as standard and so is ready for connecting to a QWI/EW with System Manager III.

Follow the instructions given in System Manager III to connect the module to the QWI/EW.

3. Check battery

The module verifies the battery voltage:

- One of the keys is pressed
- At least once every 24 hours after the last operation.

As soon as the battery status is found to be weak, a 'Battery Low' signal is transmitted at least once every four hours.

Once the battery is empty, the red LED will blink briefly three times at 20-second intervals and the voltage-too-low telegram will be transmitted automatically. It is recommended to replace the battery now. (See 'Replacing the battery')
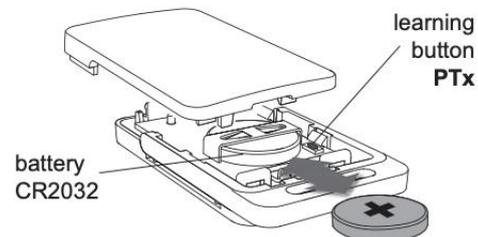
If the voltage drops further, the module will switch itself off and no more status changes will be transmitted.

4. Replacing the battery

1. Insert a small object (e.g.: a slotted screwdriver) into the slot at the back of the transmitter and open the housing.

2. Replace the battery. Only use battery type CR2032. **Attention: Make sure that the positive pole is visible at the top. Keep batteries away from children.**

3. Close the housing.

Please note: The module retains its link with the QWI/EW, you don't need to take more steps for this.

5. Solving problems

If the receiver fails to respond to this module:

- Check the battery status.
- Check that the wireless connection in the installation between this module and the QWI/EW is not disrupted.
- Check the configuration of the QWI/EW and whether the link with this module is still active.
- Check that other wireless devices with the same frequency, or that work at almost the same frequency, are not disrupting this product's operation.

If the LED does not light up:

- Replace the battery. (Ensure correct battery polarity.)

6. Safety rules

Read the entire manual before installing the module and activating the system.

WARNING

- The device must be mounted and commissioned by an authorised electrician in accordance with the country-specific regulations.
- The device may not be opened, except as described for replacing the battery. The guarantee provisions will be void if the module has been opened.
- Keep the batteries away from children.

Qbus Wireless 4-button remote control (QWE RC04/metal)

7. Technical data

General specifications

- Power supply: 1x 3V battery, CR2032
- Radiated power: 0.47 mW
- Modulation coding: FSK
- Wireless protocol: EasyWave A/B
- Range: free field: 150 m; buildings: 30 m
- Ambient temperature: -20°C to 60°C
- Maximum humidity: 93%, no condensation
- Maximum installation height: 2,000 metres

Physical specifications

- Protection grade: IP20, EN60529
- Transmitter dimensions: 37 mm x 61.5 mm x 10.7 mm
- Transmitter weight: approx. 30.0 g

CE marking

- In accordance with EMC and low voltage regulations. The module corresponds with EN 61000-4-2 and 50090-2.

8. Guarantee provisions

Period of guarantee: Two years from date of delivery. The guarantee does not apply if the module is opened!
Any faulty modules should be sent postage-free with a description of the defect to our customer service:

QBUS N.V.   T +32 53 60 72 10
Joseph Cardijnstraat 19   F +32 53 60 72 19
9420 Erpe-Mere   Email: support@qbus.be
Belgium