Qmotion®

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Qadvanced Roller Shade
ZigBee HA1.2
Programming Instructions

IMPORTANT: Read and understand each section before performing required steps.

Refer to appropriate user manual whenever a QMotion Gateway/Router is **not used** to establish the ZigBee network. Instructions for allowing Routers and End Devices to join the ZigBee HA1.2 network will vary by manufacturer.

Create a New Network (Range Extender)

1. Power the Range Extender using the provided power supply. (Should be centrally located to shades.)
2. **Press and hold** the **Network** button until the green LED illuminates. (Green LED illumination indicates the network is active.)

Add Remote to Network

1. **Press and release** the **Network** button on the Range Extender. (Red LED will pulsate on network coordinator/routers.)
2. **Pull battery tab** from the remote and **press any button**.
3. Use a paperclip to press the **Program** button on the back of the remote. (The channel LEDs will scroll back and forth when in program mode.)
4. **Press any button** on the remote to join network. (Green LED will flash when remote joins the network.)

Add Shade to Network

1. **Press and release** the **Network** button on the Range Extender. (Red LED will pulsate on network coordinator/routers.)
2. **Tug** the **hembar** 6-10 inches. (Shade will jog in response.)

Pair Remote to Shade

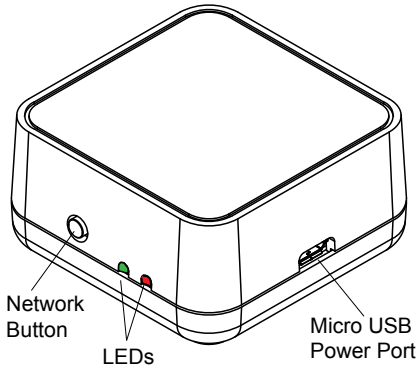
NOTE: Both shade and remote must be connected to the network before they can be paired together

1. **Press and release** the CHANNEL button to select the channel that will control the shade.
2. **Press** the PROGRAM button on the back of the remote.
3. **Press and release** the UP button. (Shade will JOG in response.)
4. **Tug** the **hembar** 6-10 inches.

   NOTE: Multiple shades can be tugged to learn the same remote.

Add Range Extender to ZigBee Network

1. In the QMotion App, select **Add Device** and then scan for new devices.
2. While the QMotion App is scanning for new devices, **press and release** the **Network** button on the Range Extender.
3. Once the Range Extender joins the ZigBee network, the green LED will blink to show it has joined a network.



Range Extender

ZigBee Router

IMPORTANT

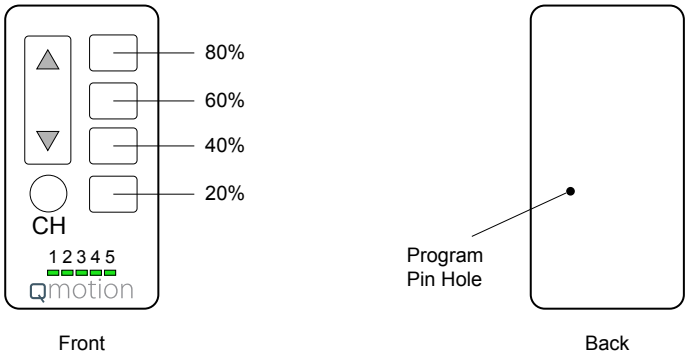
Lower Limit Position must be set prior to using the **preset** positions (20%, 40%, 60%, 80%). These positions are based on the Lower Limit Position of the shade. When learning new positions, the button currently being programmed (after Step 3) will not send commands to the shade. After Step 5 all buttons resume full functionality.

Example 1: When learning a new Upper Limit Position, the UP button is semi-disable. Only by pressing the UP button 3 times will the shade move to the up position (or manually roll the shade up by hand).

Example 2: When learning a new Lower Limit Position, the DOWN button is disabled. The shade can still be adjusted using the UP button (or manually roll the shade by hand).

Setting Upper and Lower Limites / Learning a New Position

1. **Press and release** the (UP or DOWN) button that will be programmed. (Shade will move to selected position.)
2. **Press and hold** the same (UP or DOWN) button until the shade jogs.
3. **Tug** shade 6-10 inches. (Shade will jog in response.)
4. **Adjust** shade to desired position. (Manually roll shade by hand if necessary.)
5. **Press and hold** the same (UP or DOWN) button. (Shade will JOG when learned.)



QdR2 Remote

Unlearn a Remote From Shade

(Shade at Upper Limit)

1. **Press and release** the CHANNEL button to select the channel currently paired to the shade.
2. Use a paperclip to **press** the PROGRAM button on back of the remote.
3. **Press and release** the DOWN button. (Shade will jog in response.)
4. TUG the shade 6-10 inches. (Shade will JOG and move to the Upper Limit.)

Remove Remote From Network

Use a paperclip to **press** the PROGRAM button on back of the remote three (3) times quickly

When unrolling the shade to expose battery cover, the shade will try to roll upward. Hold the fabric roll tube firmly in place to resist the initial upward movement, then continue to unroll the fabric roll tube to expose battery cover.

Battery Replacement

1. **Press and release** the DOWN button. (Shade will move to Lower Limit Position.)
2. **Unroll** the Fabric Roll Tube to expose the battery cover (see information above).
3. **Remove** battery cover and replace with new D cell alkaline batteries **Replace** battery cover.
4. **Press and release** the UP button to roll fabric back onto the tube.

FCC

Warning: Changes or modifications to this device not expressly approved by QMotion® could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

INDUSTRY CANADA

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

QdR2 REMOTE

Model: QZR-ZIG2400

FCC ID: 2ABLX-ZIG24DECO

IC: 8832A-ZIG24DECO

ROLLER SHADE

Model: QMRS-240Z

FCC ID: 2ABLX-240Z

IC: 8832A-240Z

European Representative

Doug Fiske
Contact for QMotion
Raritan Europe B.V.
Jan van Galenstraat 59
3115 JG Schiedam
The Netherlands

QMotion®

For more information visit us at qmotionshades.com or call 877.849.6070

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