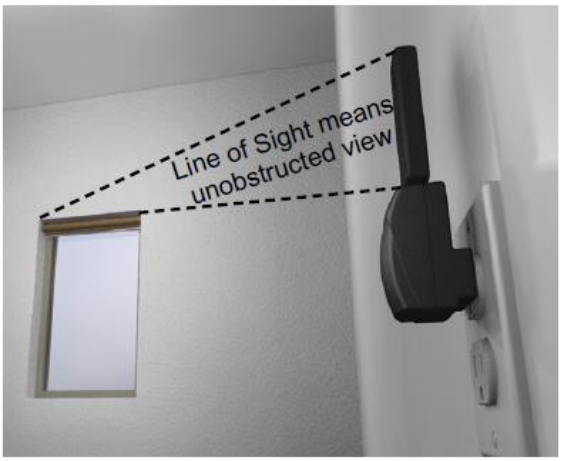
Q-Motion
Q-Repeater

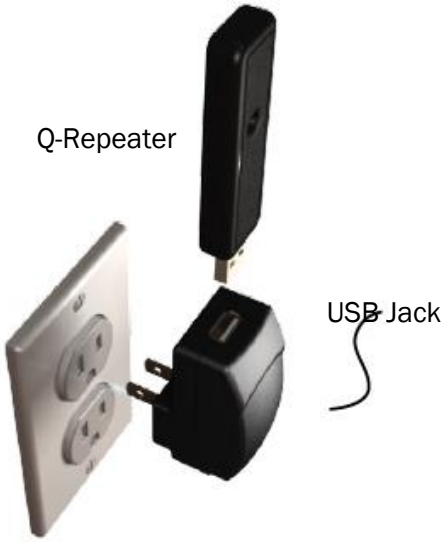
Using a Q-Repeater in a Project

The intended use of the Q-Repeater is to extend the range of Gen 3 Q-Motion products. Any transmitter has a limit on how far it will reliably control a shade. The Q-Repeater increases this distance so better results may be achieved. Q-Repeater will echo any command it receives from a Gen 3 Q-Motion product.

Locate Power



Orient the Q-Repeater pointing up, as far from the floor as possible, within shades' line of sight for best results. The best position may require trial and error.



Plug Q-Repeater into the USB adaptor as shown.

qmotion®
advanced shading systems

Q-Repeater Instructions

EXAMPLES OF PROPER USE:

1. Controlling groups of shades separated by 60 feet and 2 rooms from a Q-Connect or Multi-Channel Remote.

   A Q-Repeater can be placed halfway to outlying groups of shades from the Q-Connect or Multi-Channel Remote.

2. Helping to control shades that are in a RF dead zone. Sometimes a column or other structure may be between a transmitter and a shade, causing the shade to not respond reliably. Try locating a Q-Repeater to the side of an obstruction, or halfway around it, to help "steer" the signal around it.

EXAMPLES OF INCORRECT USE:

1. Placing multiple Q-Repeaters to repeat the signal multiple times to ensure all shades move.

   If two or more Q-Repeaters are close enough to hear the original transmitting device, they will retransmit the command at the same time. If this occurs shade will not be receive the correct command and will not respond.

2. Using Q-Repeaters to overcome difficult shade placement.

   There are cases where the RF will not reach the shade, even when sent from close distance to the shade. If a shade will not respond to a handheld remote in close proximity to the shade the Q-Repeater will not help.

Q-Repeater Guidelines

1. Place the remotes in the optimal position, to get reliable shade response. This may require moving the Q-Repeater around multiple times.

2. If there are areas that cannot be reached by optimal remote placement, then add one Q-Repeater to fill the area.

3. Should a shade be even further than one Q-Repeater can manage, then add another at a distance where the signal can be received to bridge the gap between the transmitter and the shade.
    - Add repeaters in a line, not in a group.
    - Minimize the amount of Q-Repeaters in a project. If one or two work, adding more may be unnecessary overkill.

4. If the shade responds unreliably to one command, send another command 5 seconds later.

5. Do not place the Q-Repeater behind refrigerators, TVs, Microwaves, or other large obstructions as they may decrease effectiveness.

6. A slight delay may occur if the command is sent through multiple Q-Repeaters.