

Q-BOOM!TM

Instructions & Tips

Congratulations on your purchase of Q-Boom, the remote-controlled balloon popper from Pioneer® Balloon Company!

Model : # 54077

Please read this booklet to achieve the best results when using this device.

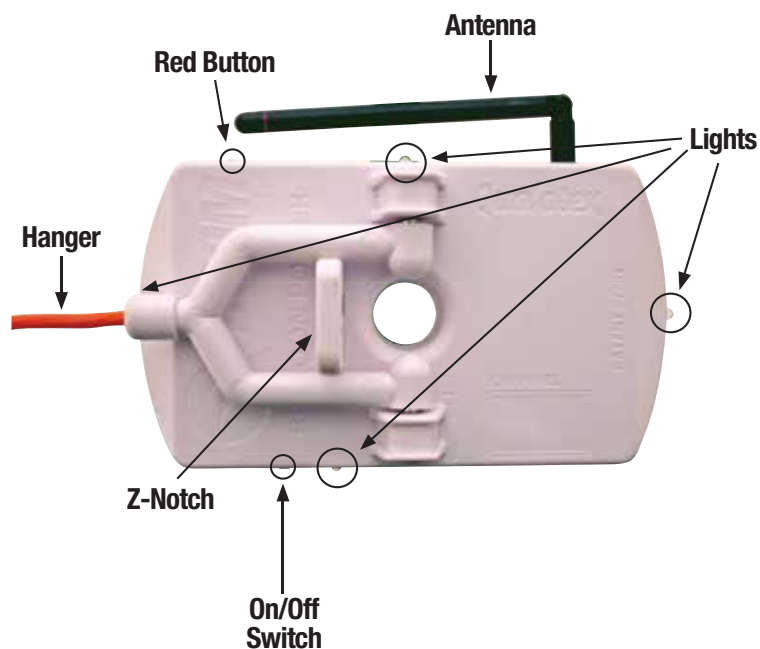


Q-Boom™ consists of two basic components:

1. ONE BUTTON REMOTE



2. RECEIVER



Q-Boom Battery Replacement*

The ONE BUTTON REMOTE requires an alkaline CR2 battery.

Use the Allen wrench to remove the three ONE BUTTON REMOTE screws, then remove the cover. Insert the CR2 battery into the battery holder and reattach cover.



The RECEIVER requires a 9V alkaline battery. Use the Allen wrench to remove the four retainer screws from the bottom of the unit and expose the circuit board by removing the back cover. **DO NOT TOUCH CIRCUIT BOARD.** Gently push the battery into the terminals and refasten cover.



***NOTE:** Remove the batteries from the RECEIVER and ONE BUTTON REMOTE after using Q-Boom to maximize battery life. Keep new batteries on hand when using Q-Boom.

***NOTE:** Remember to turn the Q-Boom RECEIVER OFF after each use.

Testing Q-Boom™



To test the Q-Boom signal without activating the unit, press and hold the **ACTION BUTTON** for a few seconds. The display area will flash green. This indicates that the device is on and safe to send test signals. Each time the **ACTION BUTTON** is pressed, a signal will be sent from the ONE BUTTON REMOTE to the RECEIVER. The RECEIVER's lights will flash red to indicate that it has received the signal. If the **ACTION BUTTON** isn't pressed again within 15 to 20 seconds, the remote will turn off. To reactivate, simply press and briefly hold the **ACTION BUTTON** until display turns green again.

When ready to pop the balloon, slide the **MODE SWITCH** to the opposite position.* The display area will flash red, which means the Q-Boom is ready to pop the balloon. The ONE BUTTON REMOTE is now ready to send the signal to the RECEIVER. The balloon will pop immediately upon pressing the **ACTION BUTTON**. If you decide to not pop the balloon, simply slide the **MODE SWITCH** to the opposite position and the display area will turn green. If the **ACTION BUTTON** is not depressed within 15 to 20 seconds when the ONE BUTTON REMOTE display is red or green, the ONE BUTTON REMOTE will turn off.

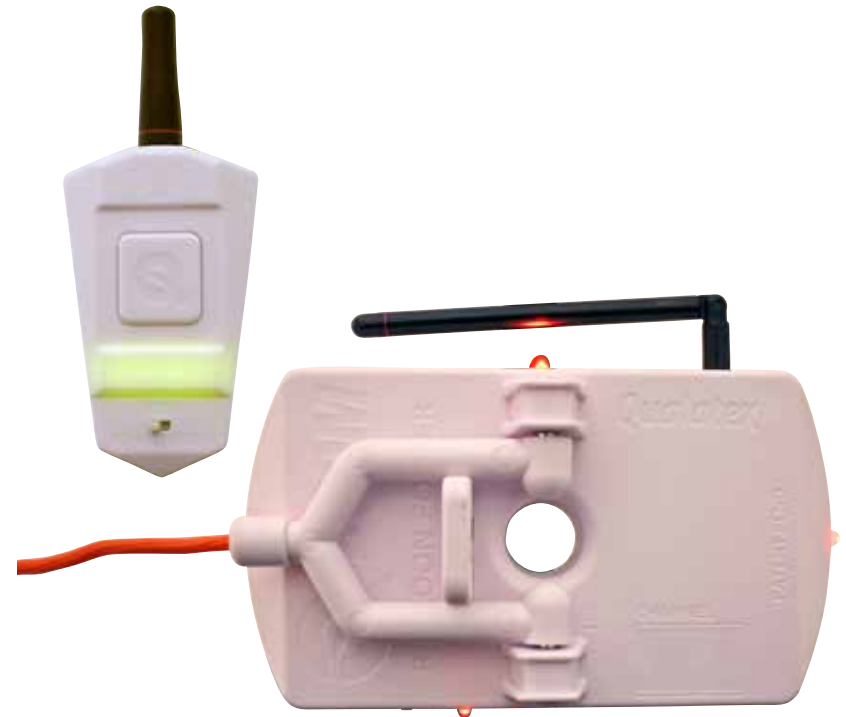


***NOTE: The MODE SWITCH has no "start" position; it can be positioned to the left or the right when the remote is turned on. The ONE BUTTON REMOTE always turns on in TEST MODE. As long as the green light is on, the user can continue to test that the Q-Boom unit is receiving a good signal without popping the balloon.**

Testing Tips

Test mode is a great way to work out where you will place the Q-Boom device before hanging. Without attaching a balloon, turn on Q-Boom and place it in the area in which you will use it. Walk around the room, periodically pushing the **ACTION BUTTON** on the ONE BUTTON REMOTE. Each time you press the button, the RECEIVER's lights should flash. If not, refer to the checklist at the end of this document.

NOTE: Remember, more than one RECEIVER can be used simultaneously with the ONE BUTTON REMOTE. A range survey ahead of time ensures all RECEIVERS are receiving signal.



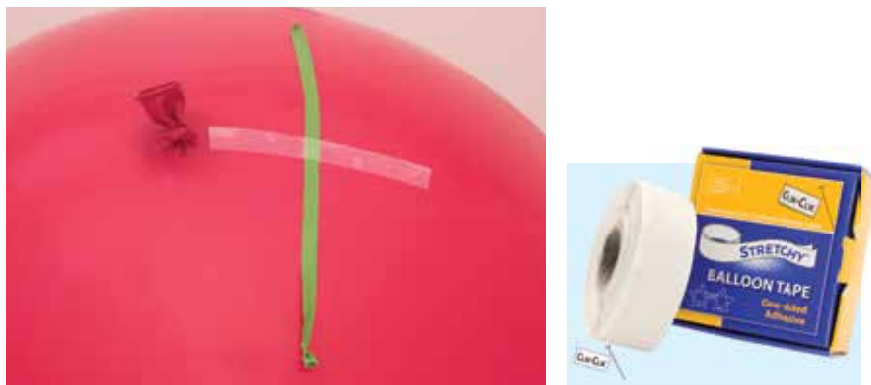
Attaching Q-Boom™ to a Balloon

We recommend two methods of attaching a balloon to the Q-Boom RECEIVER.

Method 1:

Inflate a 3' balloon to at least 28" and tie. Pull the air out of a 260Q and tie a knot, so the 260Q is flat. Use a piece of stretchy tape (available from *Clik-Clik.com*) that is a minimum of 5" long and attach the 260Q approximately 4" from the knot of the balloon. **See Photo A.**

Photo A



Pull the both ends of the 260Q through the hole in the RECEIVER and wrap it through the Z-Notch several times to secure. **See Photo B.**

Photo B



NOTE: Be sure to position the stretchy tape under the two “legs” of the RECEIVER. This holds the balloon firmly in position and ensures the blade punctures the balloon instead of the stretchy tape.

Method 2:

Create a Raisin Twist by tying a knot several times on top of one another in a 260Q. Trim the balloon on each side of the knot. **See Photo A.**

Insert the knot inside the 3' balloon and grasp the knot through the skin of the outside balloon at the base of the neck just past the spot where the balloon starts to curve, and twist it several times. Secure the twist by wrapping it several times with an uninflated 260Q and tie. Inflate the 3' balloon to at least 28" and tie. **See Photo B.**

Photo A



Photo B



Use the 260Q from the Raisin Twist and pull it through the hole in the RECEIVER. Wrap it through the Z-Notch several times to secure. **See Photo C.**

Perform recommended Q-Boom test (**see page 4**).

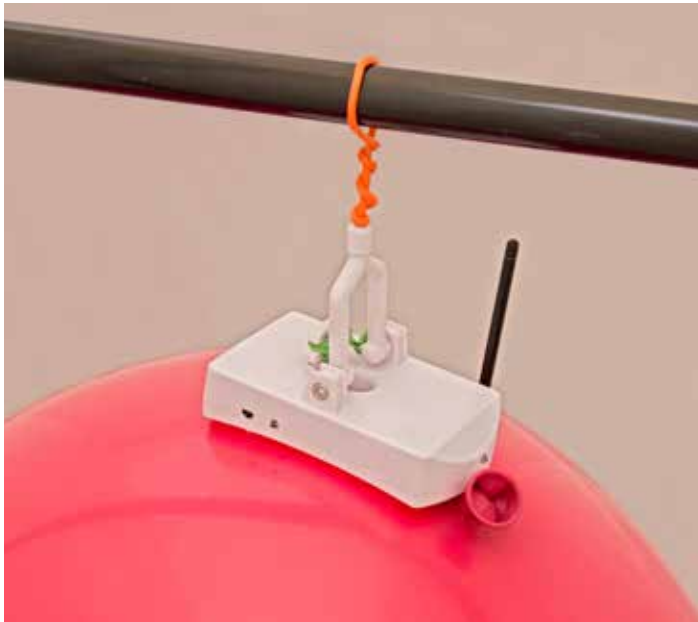
Balloon is now ready to hang.

Photo C



Hanging Q-Boom™

To hang the completed Q-Boom balloon assembly, find a secure object such as a pipe, drop ceiling, cross-brace, etc. Wrap the flexible wire around the object, tying the wire back on itself to create a closed loop. It is important to ensure that the Q-Boom RECEIVER does not become unattached while hanging for safety of guests.



Pairing RECEIVERS to the ONE BUTTON REMOTE:

1. Install fresh batteries in both the ONE BUTTON REMOTE and the RECEIVER while it is turned OFF.
2. While holding the RED BUTTON on the side of the RECEIVER, switch the power ON. This puts the unit into PAIRING MODE. Release the RED BUTTON.



3. Press the ACTION BUTTON on the ONE BUTTON REMOTE and hold until the RED LEDs on the RECEIVER flash to indicate pairing was successful.

This only needs to be done once. The ONE BUTTON REMOTE and RECEIVER will remain paired, even after the batteries are removed.

NOTE: A ONE BUTTON REMOTE can be paired with multiple RECEIVERS, just repeat the process for each RECEIVER.

Troubleshooting

If the Q-Boom RECEIVER's red lights don't flash when testing, ask the following questions:

1. **Is the Q-Boom turned ON?**
2. **Is the battery new?** If not, use a fresh battery.
3. **Is the "line of sight" to the unit obstructed by anything?** Check that there are no major obstructions between the ONE BUTTON REMOTE and RECEIVER.
4. **Is there something else operating on the same frequency as the Q-Boom?** If this is the case, chances are Q-Boom cannot be used in this environment.

FCC Statement

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.

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.