

## QUIZZER OPERATION

**Buzzing in:** The first team to press their switch will have their light turn on green; the second team gets amber, and the third gets red. The tone will sound when the first team responds.

**Quizzer Reset Switch:** Press this switch to clear the lights. The light of any team still signaling in will illuminate green. Multiple lights can turn on and off as teams play with their switches. When all the lights are off, reset is complete and the box is ready. The box will not beep while reset is active.

**Accuracy & ties:** The software loop time to check the quizzer switches is approximately 6 millionths of a second. After a quizzer responds, the box takes about 15 microseconds to process the response, and then it resumes the 6 microsecond loop, waiting for the next quizzer. Due to the speed, ties are unlikely, but they are possible.

## TIMER OPERATION

- **5/15 switch:** The first push will start the clock at 5 seconds if no quizzer has buzzed in. This is the time allowed before the question is thrown out. The second push bumps the time to 15 seconds. If a quizzer has already buzzed in, it will only start at 15 seconds. Additional pushes will re-start the clock at 15. (New with this software level.)

- **15/15 switch:** The first push will start the clock at 15 seconds if no quizzer has buzzed in. This is the time allowed before the question is thrown out. The second push bumps the time back to 15 seconds and disables clock auto-start. Additional pushes will re-start the clock at 15. (New with this software level.)

- **Clock auto-start:** The clock can automatically set to 15 seconds when the first quizzer buzzes in. It will count down to zero and beep. There is one exception: The clock will not automatically start if the 5 or 15 second timer has just reached zero. This is how you can tell what happened first - the quizzer buzzed in, or time ran out.

- **Timer Reset:** Press this at any time to reset the timer to zero without it beeping.

- **Chirp at 5 seconds:** The quizbox can sound short beep when the timer is down to 5 seconds. Your quizbox has this feature turned on / off.

## Customizing your quizbox

**Auto Start:** To turn auto-start on or off, push and hold the 15/15 switch when applying power to the quizbox. It will display "AS" (for Auto Start). Press 5/15 to enable auto start, and 15/15 to disable it. Then press Reset. The setting will be saved until you change it again.

**Chirp at 5 seconds:** To turn the chirp on or off, push and hold Timer Reset when applying power to the quizbox. It will display "CH" (for chirp). Press 5/15 to enable the chirp, and 15/15 to disable it. Then press Reset. The setting will be saved until you change it again.

## Notes

**For longest life of the switches and cables,** take care of their wires - avoid excessive bending and pulling.

**Replacement AC adapters** should be rated for 1 amp of current minimum at 9 - 12 volts. They can be AC or DC, and the polarity doesn't matter. The connector size is 5.5 x 2.1 mm.

**If a problem occurs,** please call first: many things can be fixed over the phone or by sending you a part. Payment for return postage and handling (presently \$20.00) will be required if you send a box for repair under warranty.

## Warranty

**2 years** on the quizbox. This does not include cosmetic damage, user modifications or abuse.

**1 year** on the quizzers' switches. This does not include cosmetic damage, user modifications or abuse.

**90 days** on the cables, AC adapter and carrying case (if purchased). (No workmanship is involved on my part, and I can't control how you treat them.)