

# BASIC QUIZBOX

(Software 1.0)

**Power:** Plug the quizbox into a 5V USB power source - a phone charger, computer or wall adapter. The yellow timer light will illuminate.

**Quizzers' Switches:** Just about any Normally Open switch wired to an RCA plug will work. Plug in as many as will be quizzing.

**Reset:** Plug one more switch into the Reset jack.

## QUIZBOX OPERATION

**Buzzing In:** The first quizzer to press their switch will have their light come on. The tone will sound and all other lights will be locked out until reset. You can customize the box to show the 2nd and 3rd place quizzers as well. The first quizzer has their light continually illuminated. 2nd place has the fast blinking light, and 3rd has the slowly blinking light. The factory default is to only show first place.

**Accuracy & ties:** The software loop time to check the quizzer switches is approximately 6 millionths of a second. Due to the speed, ties are unlikely, but they are possible. If a tie occurs, make sure the tone sounded a full-length beep and the clock starts. If not, the tie was caused by two or more quizzers responding while reset was pushed and released, so the tie is not valid.

**Timer:** The timer will start automatically after someone buzzes in. It will blink once per second until it reaches zero; then it will beep and reset the quizzer lights. The factory default time interval is 30 seconds, but you can customize it.

**Quizzer Reset:** Push the reset switch to manually clear the system. When all the lights are off, release reset; the quiz system is now ready. Note: lights will stay on (or new ones come on) if quizzers are pressing their switches during reset. If a quizzer's light is still on when reset is released, the box will sound a short chirp.

## QUIZBOX CUSTOMIZATION

**To change the countdown timer,** it is best to have a couple extra hands to push the quizzer switches. Press and hold the reset switch while plugging in the quizbox. While the reset switch is still pressed, press and hold quizzer switches to set the new time interval. The red quizzer switches count as the 10's digit, and the greens as the one's digit. For example, for a 45 second timer interval, hold down red 4 and green 1 and 4. When the quizzer lights show what you want, release the reset switch. The new time interval will be saved until you change it again. To turn the timer off completely, program it for 0 seconds (no buttons pushed).

### **To show 2nd and 3rd place quizzers:**

To show 1st and 2nd places, press and hold red #2 switch when plugging in the quizbox. Two lights will come on, indicating 1st and 2nd will be shown.

To show 1st, 2nd and 3rd places, press and hold red #3 switch when plugging in the quizbox. 3 lights will illuminate.

To show only first place press and hold red #1 switch when plugging in the quizbox. Only 1 light will illuminate.

Then press reset to clear the lights and be ready to quiz. The setting will be saved until you change it again.

## NOTES

**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 \$15.00) will be required if you send a box for repair under warranty.

## WARRANTY

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

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

Quiz Equipment LLC  
Steve Kirkman  
736 Ashley Drive  
Chaska MN 55318  
(248) 398-1161

[www.QuizEquipment.com](http://www.QuizEquipment.com)

[kirkmans@aol.com](mailto:kirkmans@aol.com)