

# POCKET QUIZZER

(Software 1.00)

## QUIZBOX SET-UP

**Power:** The quizbox uses a standard 9 volt battery. A standard (cheap) battery will power the quizbox for approximately 25 hours of quizzing. An alkaline battery will last about 35 hours. Actual battery life depends on usage - how long the quizzer's light is on before reset, or the time between questions, for example. The battery should be replaced when the lights get too dim or the box can't operate normally.

If the box will be used for longer periods of time, an AC adapter can be used. It needs to supply 9 volts DC (at a minimum of 200 mA) with the polarity as indicated on the box. The connector size is 5.5 x 2.1 mm. Adapters can be purchased through me, or Radio Shack adapter #273-1767 will work fine. Do **not** use a 12 volt adapter, as that exceeds the ratings and will destroy the circuit.

**Quizzers' Handpads:** Plug as many as needed directly into the quizbox. Unused pads do not have to be plugged in.

**Remote reset:** A handpad plugged into the connector labeled "REMOTE STD" operates the same as the RESET push button.

**Quizbox interconnect for multi-team quizzing:** Use an RCA cable to hook the "REMOTE STD" connectors together on two quizboxes. For more teams, use RCA "Y" cables to split the signal, and run it to the "REMOTE STD" connector on each quizbox. The quizbox with the fastest quizzer will sound the tone and lock all the other lights off. The Pocket Quizzer can also interconnect to other quizboxes that have the "REMOTE STD" connector. RCA cables can be purchased at most stores that sell audio equipment.

## QUIZBOX OPERATION

**Turning on the Quizbox:** Have any quizzer push his handpad, and that box will turn on. It will illuminate all the lights and sound a tone, then be ready for operation. Turn on all quizboxes that will be quizzing together in this manner. Note: as one box turns on, it may turn the others on, depending on their battery voltage. The boxes will turn off automatically after 5 minutes of not being used.

**Buzzing In:** The first quizzer to press their handpad will have their light come on. The tone will sound and all other lights will be locked out until reset. The tone will not sound if quizzers push their handpads during reset.

**Ties:** If a tie occurs, make sure the tone sounded a full-length beep. If it didn't, the tie was caused by two or more quizzers responding while reset was pushed and released, so the tie is not valid. The quizboxes are accurate to 2 millionths of a second, so ties are very unlikely.

**Quizzer Reset - Manual:** Push the RESET button to 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 handpads during reset. If a quizzer's light is still on when reset is released, the box will sound a short chirp.

**Quizzer Reset - Automatic, with timer beep:** The quizbox will beep and automatically reset after 31 seconds. This time interval gives 1 second to recognize the quizzer and 30 seconds to answer. During the automatic reset, all the lights will briefly illuminate.

**Turning off the Quizbox:** The quizbox will automatically turn off 5 minutes after the last quizzer has been reset. Boxes connected together will keep each other on as long as there is activity on any one of the boxes. After the 5 minutes, they will all shut off.

## NOTES

If the quizbox does not turn on, try a new battery. If that doesn't solve the problem, reset the software by disconnecting the battery for a period of 2 minutes or more.

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

**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 \$6.00) will be required if you send a box for repair under warranty.

## WARRANTY

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

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

Steve Kirkman  
703 N. Rembrandt,  
Royal Oak, MI 48067  
(248) 398-1161

www.QuizEquipment.com

kirkmans@aol.com