

# FREE METHODIST QUIZBOX

## QUIZBOX SET-UP

**Power:** Plug the AC adapter into the back of the quizbox. The amber light will illuminate when power is on, the quizzers' lights will illuminate in sequence and the tone will sound. The box requires 9 -12 volts AC or DC and at least 200 mA of current.

**Quizzers' Seatpads:** Plug as many as needed into the back of the quizbox. Unused pads should not be plugged in. Handheld switches or pedal switches can be substituted for quizzers that find it difficult to jump.

**Remote Reset:** The quizbox is configured for automatic reset, so nothing needs to be connected here. If remote reset is desired, a switch can be plugged in.

## QUIZBOX OPERATION

**Jumping:** The first quizzer to jump will have their light come on in first place and the tone will sound. Subsequent jumpers will illuminate the appropriate 2nd, 3rd and 4th place lights. It is possible to get ties in any of the places, but they will be infrequent. 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 during a manual reset, so the tie is not valid.

**Automatic Reset:** When all the quizzers are seated, the quizbox will automatically reset for the next question. Note that if a quizzer jumps and sits back down before anyone else jumps, the automatic reset feature will clear the light and stop the tone. Automatic Reset can be turned off; see Manual Reset, below.

**Remote Reset:** A switch plugged into the Remote Reset connector can manually reset the system. When the switch is pressed, the lights of all quizzers presently off their seats will show up in first place. If any quizzer is still up when reset is released, the box will sound a short chirp. Lights will then continue to turn on and off as quizzers jump and sit back down, until all quizzers are seated. At that time, manual reset is complete.

**Manual Reset:** To turn Automatic Reset off, connect a switch to the Remote Reset connector and press it while applying power to the quizbox. Then the quizbox will only reset per the Remote Reset section above; Auto Reset is disabled. This mode would be used for quiz programs or events such as pinewood derby races where a switch is momentarily pushed to signal in, and the signal must be latched.

## NOTES

**Replacement AC adapters** can also be purchased from me or from stores like Radio Shack. The quizbox requires 9 - 12 volts, AC or DC, and a current of 200 mA minimum. Voltage polarity doesn't matter.

**If a problem occurs**, please call or e-mail first: many things can be fixed over the phone or by sending you a part. Payment for return postage and handling (presently \$12.00) will be required if you send a box for repair under warranty.

## WARRANTY

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

**1 year** on the seatpads and AC adapter.

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