

KNOWLEDGE BOWL QUIZBOX

Software 1.80

QUIZBOX SET-UP

Power: Locate the quizbox by the quizmaster and plug in the AC adapter. The amber power light will illuminate when power is on. The box requires a 9 - 12 volt AC or DC adapter rated at 1 amp or more. Polarity doesn't matter.

Quizzers' Switches: Plug as many in as will be quizzing. Unused switches do not have to be plugged in.

QUIZBOX OPERATION

Timer portion:

- **5/15 switch:** The first push will preset the clock to 5 seconds. The second push bumps the time to 15 seconds. If the clock is already counting down from 5, the first push will add 10 seconds to the time.
- **Timer Option switch:** The first push will preset the clock to 10 seconds. The second push bumps the time to 20 seconds. If the clock is already counting down from 10, the first push will add 10 seconds to the time.
- **Clock auto-start:** When the first quizzer buzzes in, the clock will begin counting down after a brief delay for the beeper. It will count down and beep at zero.
- **Timer Reset:** Press this at any time to reset the timer to 10.

Quizzer portion:

- **Buzzing in:** The first team to press their switch will have their light turn on green; the second team gets the amber light, and the third gets the red light. The tone will sound when the first team responds, then the timer will start from its preset value.
- **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. This switch will also reset the timer to 10 if it is presently counting down.

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.

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.)

www.QuizEquipment.com

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