

QUIZBOX WITH TIMER

2nd Generation

(Software 2.40)

Power: Locate the quizbox by the quizmaster and plug in the AC adapter. The amber light on the back will illuminate when power is on. In a car, use an adapter to the lighter socket with a 5.5 x 2.1 plug on the other end of the cable. The box requires 9 - 15 volts AC or DC and at least 1 amp. Polarity doesn't matter.

Quizzers' Handpads: Plug as many as needed into the back of the quizbox through the extension cables.

The recommended color order is 1-Red, 2-Yellow, 3-Black, and 4-White. Easy to remember from "Jesus Loves the Little Children": "Red and yellow, black and white...."

Remote reset: A handpad plugged into the connector labeled "REMOTE STD" operates the same as the QUIZZER 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 other boxes will sound a short chirp when they are locked out. RCA cables can be purchased at most stores that sell audio equipment.

QUIZBOX OPERATION

Quizzer Reset: Push the QUIZZER 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.

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 is pushed. 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.

TIMER OPERATION

If someone has buzzed in

- Push **TIMER 5 / 30** to start the timer. It will count down from 30 and beep at zero.
- Push **RESET** at any time to clear the timer.

If no one buzzes in

- Push **TIMER 5 / 30** to start the timer. It will count down from 5 and beep. If someone buzzes in before the 5 seconds are up, the timer will stop instantly. Pushing **TIMER 5 / 30** now will start the timer from 30 seconds. (If the 5 second timer reaches zero, any quizzer buzzing in was too late.)
- Push **RESET** at any time to clear the timer.

Time outs, conferring and contesting

- Push **TIMER 5 / 30** twice for a 30 second time period. The timer will count down from 30 and beep at zero. (Only one push is necessary to start the clock at 30 if a quizzer's light is on)
- Push **45 / 1:00** for a 45 second time period. Push it twice for a 1 minute period. The timer will count down and beep.
- Push **2:00 / 3:00** for a 2 minute time period. Push it twice for a 3 minute period. The timer will count down and beep.
- Push **RESET** at any time to clear the timer.

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

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

1 year on the handpads. This does not include cosmetic damage, user modifications or abuse.

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

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QUIZBOX WITH TIMER

REACTION TIMER OPERATION

If you have purchased the optional reaction timer software, your quizbox will “rEA” on the clock display for the first two seconds upon power-up. To enter the Reaction Timer mode, press the 5/30 button or the Timer Reset button within these first two seconds. If you are too late, unplug the box and begin again. Within about 5 seconds, the box will beep and the timer will count up to 999 milliseconds. (If a quizzer has already responded, it will display “Err”.)

When reset, the box will randomly make a beep sound somewhere between 2.5 and 5.1 seconds. That is the cue for the quizzers to press their handpads as quickly as possible. The winner’s light will illuminate, and the clock will freeze at the length of time (in milliseconds) it took for him to respond.

If a quizzer responds too soon, it will display “Err” and show the guilty party.

To begin the next round, press the quizzer reset button, and it will reset both the clock and the quizzer. On previous versions of software, you had to reset both the quizzer and timer individually.

To exit the reaction timer mode, press and release Timer 2:00 / 3:00. The clock will display 0 and be ready for normal quizbox operation. The old way was to unplug the quizbox power and begin again.

SECOND PLACE TIMER OPERATION

If you have purchased the optional Second Place Timer software, your quizbox will display “2nd” on the clock display for two seconds upon power-up. (If you have both options, it will display the “rEA” first. Just wait till that times out.) To enter the Second Place Timer mode, press the 5/30 button or the Timer Reset button within these two seconds. If you are too late, unplug the box and begin again.

When someone buzzes in, the clock will start counting milliseconds, up to 999, and will freeze when the 2nd person buzzes in. If the two quizzers are very close together, it will display 0.xx, where xx is the fraction of a millisecond between the two quizzers. The fastest time it can display is 0.10, or a tenth of a millisecond.

The light of the first place quizzer will be on steady. The 2nd place quizzer has the fast blinking light. The 3rd place quizzer has the slow blinking light.

The timer intervals will work normally. When you start the clock, the quizbox reverts to normal operation, only showing first place and the seconds remaining on the clock. When reset, it will be ready to show first, second and third places, and the time difference again.

After the question is read, if no one buzzes in, you can start the clock as normal for the 5 seconds. If a quizzer responds within the 5 seconds, the 2nd place timer will start counting, and the box will be looking for the 2nd place quizzer. If the quizzer responded just after the 5 seconds expired, the clock will display 0 and 2nd place will not show. This is how you can tell if a quizzer responded in time or buzzed in too late.

If someone is buzzing in while you are trying to reset the quizzer portion, it will not show 2nd place upon release of the reset switch. Just like with the previous software, you’ll get the short chirp from the beeper, alerting you to the fact that the box didn’t get a good reset.

NORMAL OPERATION

Just let the option(s) time out without pushing any buttons. The clock will display “0” and be ready for normal operation.