

# ESL-BUZZERS

## Wireless Cube Buzzer

### User Guide

#### I . Overview of stand-alone wireless cube buzzers

Buzzer V4 includes master controller, buzzers, supports 1-50 players.  
No need for software or computer.

#### II Hardware Wireless Buzzer

##### 1. Buzzer V4

###### 1.1 Specification of Buzzer V4:

- 1) Dimension: 12cm X 12cm X 12 cm
- 2) Transmission angle: 360 degree
- 3) Receive range: >60 meters
- 4) Power supply: 2 size D batteries
- 5) Battery life: 30 hours (power on time)

###### 1.2 Illustration of Buzzer V4

- 1) A, B, C, D Buttons for answer question/quiz
- 2) Buzz window (for voice)
- 3) LED display, display scores
- 4) Buzzer box, white light flash when press rush button
- 5) Rush button, will display different coloured light in difference status. (Light includes Red, Green, White)



##### 2. Master Controller V4

###### 2.1 Specification of Master Controller

- 1) Dimensions: 104mm \* 49mm \*15 mm
- 2) Transmission angle: 360 degree
- 3) Transmission distance: >60 meters
- 4) Power required: two AAA batteries
- 5) Battery life: >1 year for ordinary use
- 6) Function: Control course of the activities, receive the signal from buzzers, give scores and set ID number.

## 2.2 Illustration of Master Controller V4

- 1) Max ID/scores: display H means max buzzer's number, the max is 50; and display P for scores
- 2) Answer: display buzzer number and answer detail
- 3) Red indicate light
- 4) Continue/Up: continue answer question, switch to previous number
- 5) Start: start an activity, or confirm when set ID number
- 6) Question/Answer: prompt the player (who's first) can answer question (such as A, B, C, D)
- 7) "✓"/previous, answer is correct or turn to previous ID number
- 8) Set scores: Give scores to all buzzers or one buzzer.
- 9) +1, give one scores
- 10) Power, turn on the system, or turn off with a long press button. (When you turn off the controller off, the buzzers power down)
- 11) Indicate volume (on or off)
- 12) Indicate status and mode
- 13) Green indicate light
- 14) Stop: stop press rush button and answer question
- 15) "×"/next, answer is wrong or turn to next ID
- 16) -1, deduct one point
- 17) Mode: Switch mode, "Normal", "Set Buzz ID", "Set Max ID"
- 18) Mute: turn on/off the voice



## III How to use your Wireless Buzzers V4

### 1. How is works?

- 1) Turn on the cube

Turn on master controller: press "power", LCD screen display the max ID number and mode is "normal", green indicate light flashing. The master controller send signal.

Turn on the wireless buzzers V4: Press buzzer rush button and the red lights on. If the buzzer didn't find signal, the red and green light alternately, then turn off automatically.

- 2) Start a game

Press "Start" on "normal" mode, the green light of master controller flashing quickly, and buzzers' green light on. The players can press rush button. When someone press the rush button, the master controller will get an ID number for who's the first one pressed the rush button and red light on. And the first buzzer white light flash. Also the buzz voice will come from the buzzer if the voice is on. Other buzzers are red light then. After that, the master controller turns to give scores mode auto.

- 3) Answer question/quiz

Press the “?” button for ask question, the red light flash quickly, and the buzzer green light on, the player can choose A, B, C, D to answer question, the master controller will get the answer detail. (It's also can answer by oral, no need to choose ABCD).

4) Judgment of right and wrong answer, and also give score: If the answer is correct, press “√”, buzzer will light green and voice out, and press “+1” button to add scores. If the answer is wrong, press “×” button, buzzer will flash red light and voice for wrong, then, press “-1” to deduct scores.

5) Continue: If the answer is wrong. Press “Continue” button, other players now have opportunity to rush again. And also can judge correct and wrong answer, give scorers as previous.

6) Stop: press “stop” to stop.

\*\*Press “Start”, all buzzers will release. And can repeat above steps again.

## **2. Set Max ID number**

- 1) Press “mode” on Master Controller switch to “Set Max ID”
- 2) Press” up/down” to choose a Max ID number, press “Start” then.

## **3. Set ID**

**The ID number of Wireless Buzzers has already been programmed with the Master Controller. If you need to change the buzzer id or you have ordered another one to add to your buzzers, please follow up below steps to set the ID.**

- 1) Turn on the Master Controller (put the batteries in, will turn on automatically, or press “power” button
- 2) Switch mode to “Set Buzz ID” (definite mode is “normal”)
- 3) Choose the ID number you wish (1-50 optional) by pressing the up and down buttons, then press “Start”.
- 4) Keep holding press “rush” button and “B” button at the same time.
- 5) Master Controller displays “OK”, and buzzer green light flashes. ID set is successful.

## **IV Note**

- 1) Take out the batteries if you don't use the system for a long time.
- 2) Replace with new batteries if power is low.