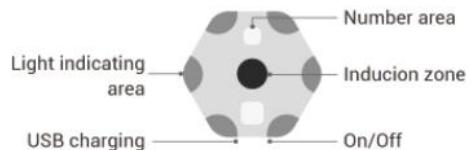


ReactionX user manual

Understand

ReactionX are a set of lights that can help you on sport training. It can measure your reaction time. Several reaction lights can connect to mobile phone and work together. lights can easily attached to walls,cones,poles. In this way, you can combine all kinds of sport training with ReactionX. (The reaction light has a set of 4 lights, a set of 6 lights, a set of 8 lights, and a set of 12 lights. Not all Android phones can connect 6 lights. Some Android phones can only connect 4 lights, while iPhone phones can connect more than 8 lights. Please use better phone to connect the lights.)

Schematic diagram



Installation

- ① Stick the Velcro on wall,cone or pole.Then stick the reaction light on the Velcro.
- ② Use magnet to attach on iron equipment.
- ③ Adjustable fixing strap: fixed on the pole

Use the lights with APP

- ① Short press the power button. The indicator light will flash green.
- ② Turn on Bluetooth and GPS ,Open the app "ReactionX" and select the training mode.
- ③ After successful connection, check the connection number and reaction speed of the light.

Click 'Start' to train.

Use the lights offline

- ① Press the start button for a long time. The light will beep long time and enter the offline mode.
- ② The time interval and lighting color of the offline mode need to be set in the online mode.
- ③ The light of the reaction light will turn off when you touch or get close to it. And it will turn on again after a period of time, and so on.

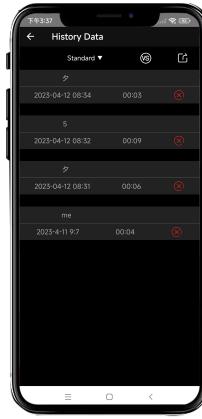
APP download address

- ① Android: www.ql-sport.com/download/ReactionX.apk or search 'ReactionX' in Google store
- ② iOS: search 'ReactionX' in app store

Other features

- ① The product can resist medium-strength impact.
- ② One year warranty. Free replacement for non-human damage. If the PCB is broken physically or flooded, it is not covered by the warranty. If the product is broken, it can be repaired according to the actual situation.
- ③ If there are any issues during use, please contact the after-sales

WhatsApp :[8619820007548](tel:8619820007548) Email: 745416286@qq.com



Return

Number of lights connected

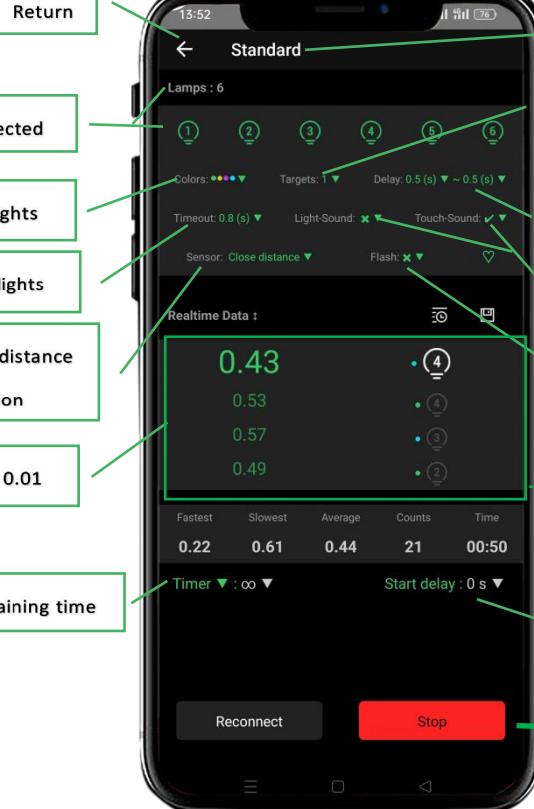
Color selection of lights

Timeout: Time to automatically turn off the lights

3.0 sensing mode: close mode(8- 12CM), far distance
(30-40CM), small vibration and strong vibration

Reaction time, precision 0.01

Training time



Mode

Targets: Light one light or two lights at the same time

Delay: How long do you wait before lighting up
Light up again randomly within the range of
maximum value to minimum value

Light-sound, touch-sound: Sound switch

The light flashes instantly switch

Display 4 sets of data in real time, you can
record the number of the light, the color
of the light, the reaction time of the light

Delay the start of training time

Start/stop

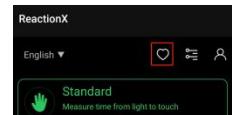
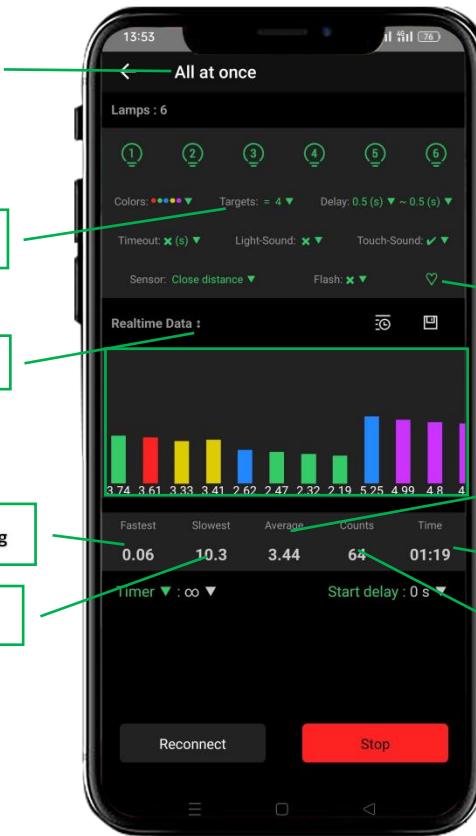
All the lights will come on at the same time. Only when all the lights are turned off can we enter the next round

Number of lights on at the same time

You can switch the display effect.

The fastest response time of this training

The slowest reaction time of this training

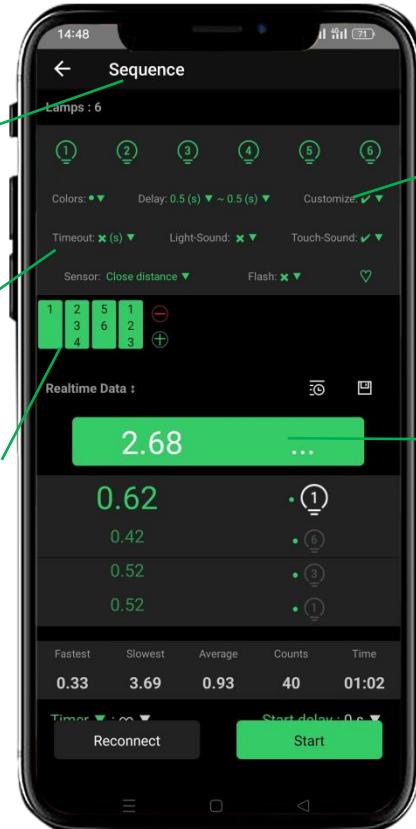


Collect the parameters set this time,

The average reaction time of this

Training time

The total number of lights turned off.



Lights up in order from small to large or
lights up in the specified order.

Set the time to turn off the lights
automatically, and X means not to turn off
the lights automatically.

The sequence of automatic lighting, when
there are multiple numbers in a group, will
light up randomly.

Set the lighting sequence of digital lights

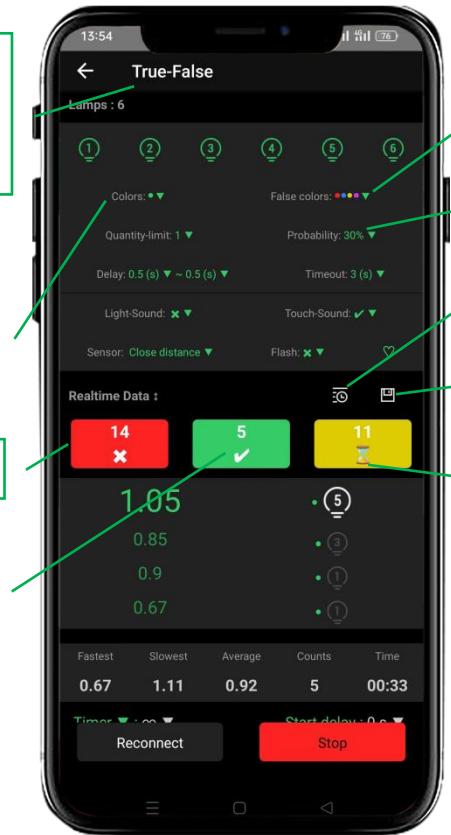
From 1-4, 1-6, 1-8 or 1-12 Time spent
turning off a group of lights, including
delay time, reaction time, time spent

All the six colors of the light will light up, which will interfere with finding the color of the target light. You need to remember the color of the target and find it

Select one or more target colors, Turn off the light to get the color of the score

Turn off the number of lights that are not the target color.

Turn off the number of lights in the target color.



Interference light color

Probabilities of the number of target lights appearing

All the data of training

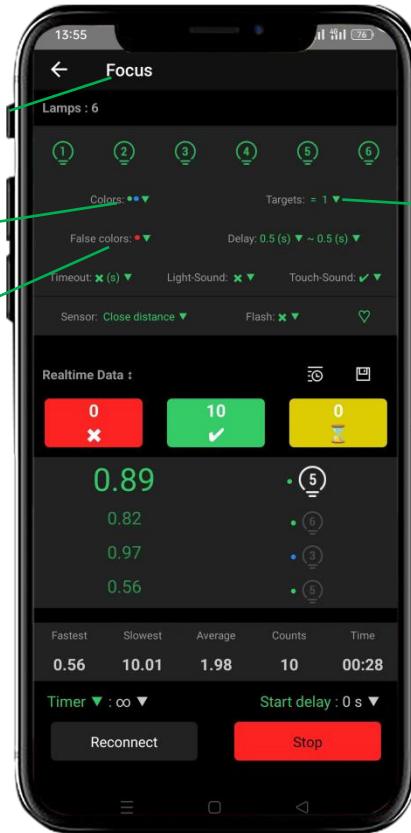
Save this training data.

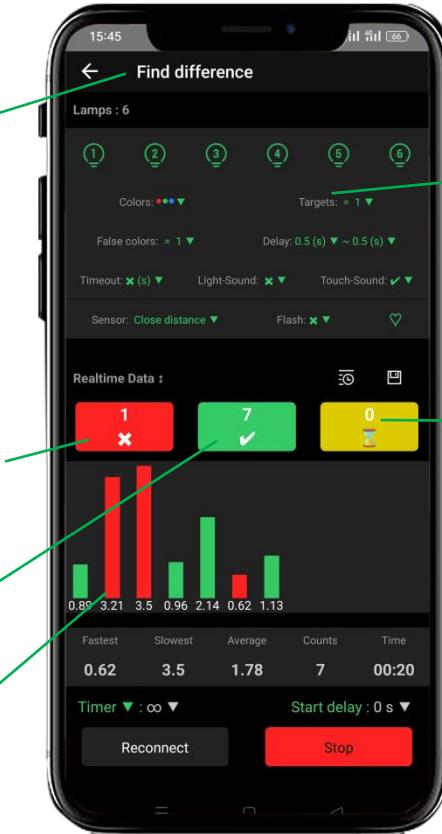
The number of target lights automatically turned off because of the timeout time

Like the true-false mode, the difference is that the focus mode lights up at the same time.

Lighting color

Wrong light interferes with color.





Find light with different color from other

The number of occurrences of the target light

Turn off lights that are not the minimum number of colors

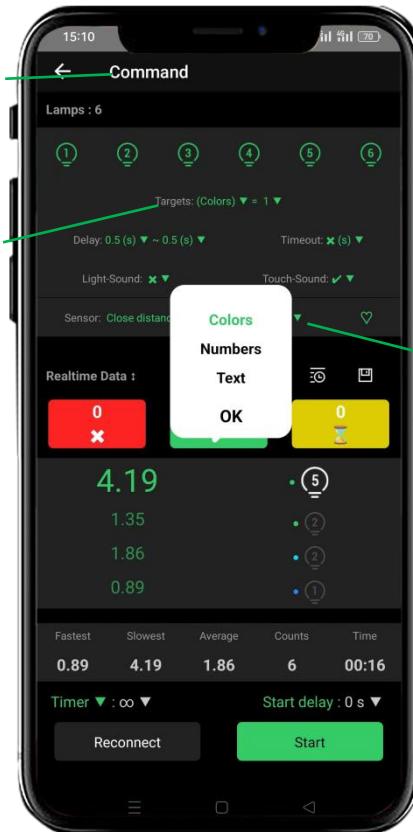
The number of target lights that automatically turn off after time.

Turn off the number of target lights

Red, turn off the reaction time of the red light

Turn off the light according to the color, light number and text displayed on the screen.

You can set a combination of two options to interfere. The number of targets is the lights that need to be turned off.



Green represents the selected interference item.

Two-player game, players turn off the lights quickly to get points. People who are slow lose the chance to turn off the lights.

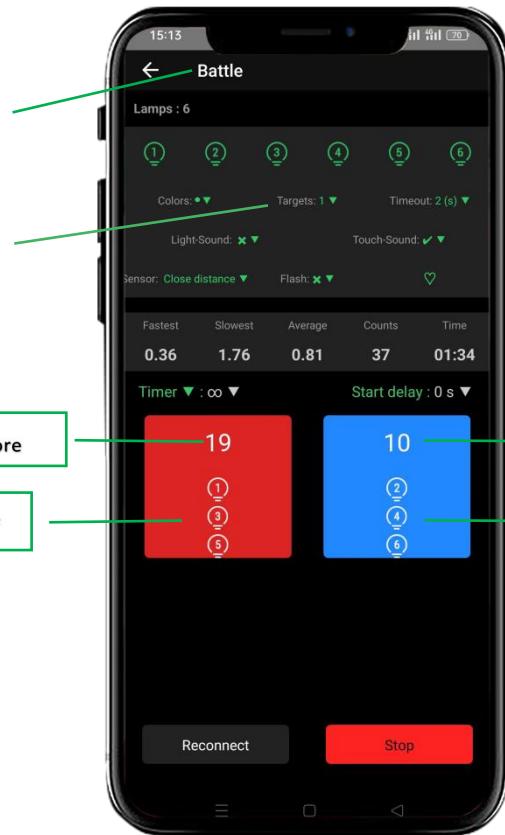
Number of lights on at the same time

Player a's score

Player A needs the number of the turn-off

Player B's score

Player B needs the number of the turn-off



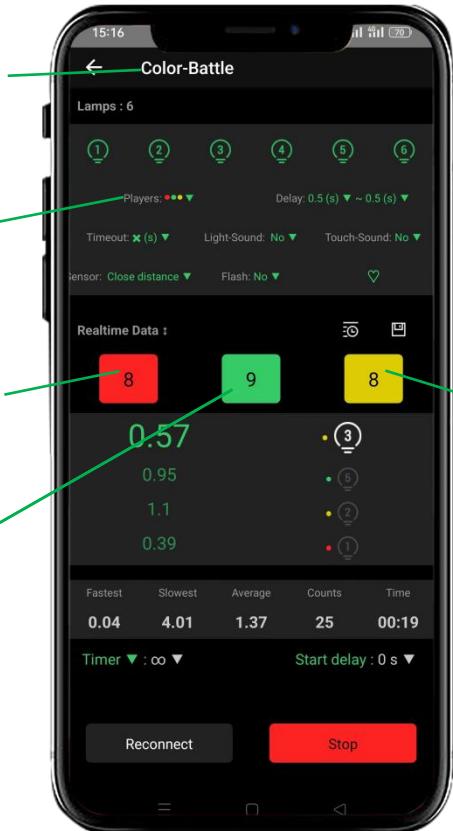
A player turns off the lights of one color, and in the same training time, the number of lights turned off by each player is calculated separately

Number of players: one color corresponds to one player

The number of red lights that player A turns off.

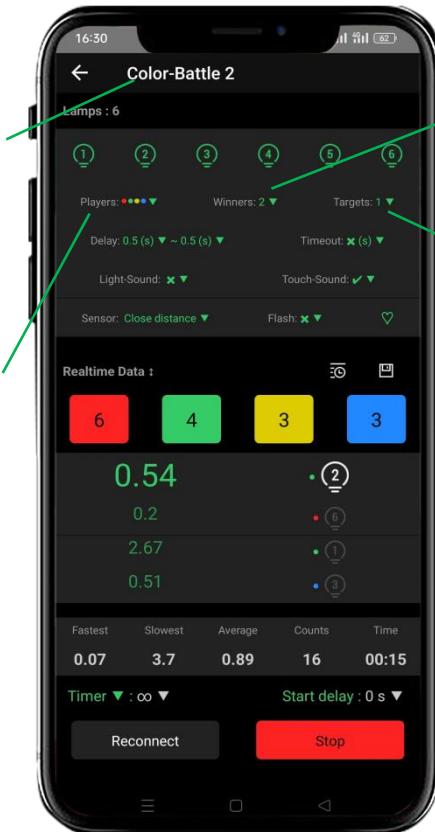
The number of green lights that player B turns off.

The number of yellow lights that player C turns off.



According to the round calculation, the lights are all on, each player turns off the lights of the corresponding color, the player who turns off the lights quickly gets one point, and the player who turns off the lights slowly does not count the scores

The number of players, the number of people participating in this training, and the color of the lights that need to be turned off



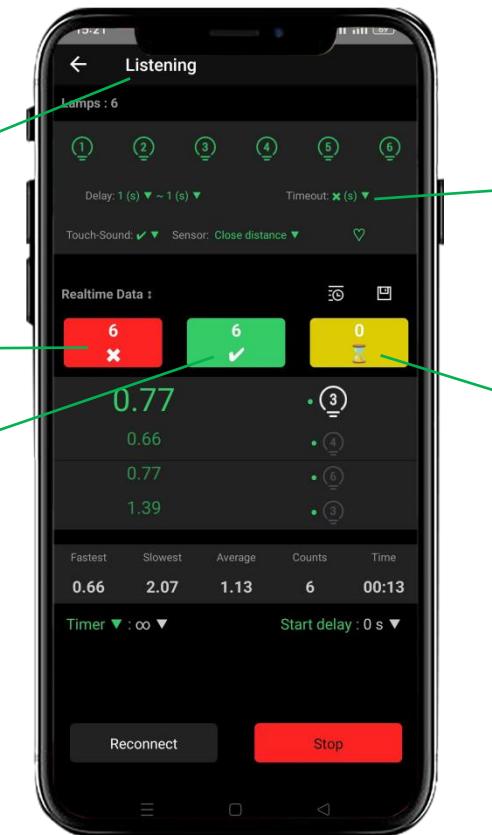
Number of statistical scores

Each player needs to turn off the number of target colors.

Note:

The number of lights must be greater than the number of players
 $\text{Players} * \text{targets} < \text{lights}$

All the lights will not light up, and each digital light will make a different sound. Find out the digital light that makes a sound and turn it off. The wrong answer will show red, and the correct answer will show green. Only when the answer is correct can you enter the next round.



You can set a time. If the correct answer is not found outside the specified time, the light will automatically display the answer and enter the next round

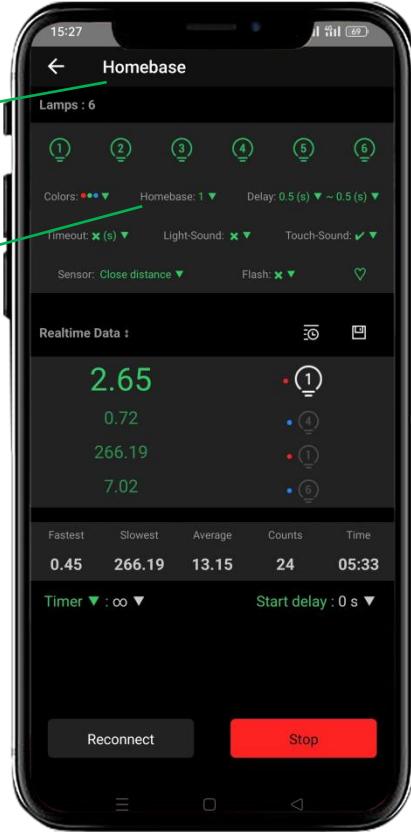
Number of incorrect answers

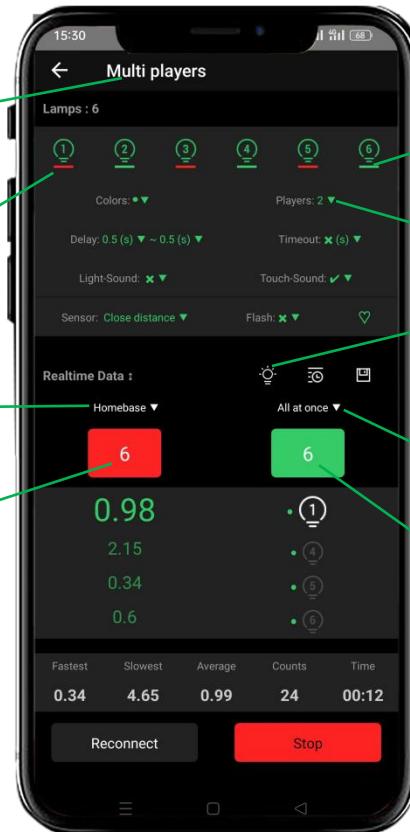
Number of correct answers

Number of answers automatically displayed after the specified time

Set the digital light as the center, and every random lighting needs to return to the center to turn off the base light

Number of base lights





A set of mobile phones controls multiple sets of standard modes,

The underline is red, which represents the light used by player B for training.

The operation mode of the lights corresponding to the players B

Number of lights turned off by player B.

The underline is green, which represents the light used by player A for training.

Number of participants in this training.

Prompt the corresponding color of each light.

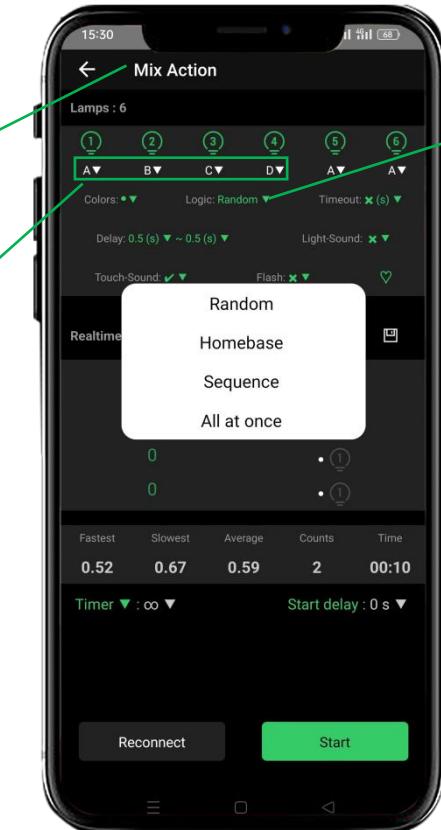
The operation mode of the lights corresponding to the players A

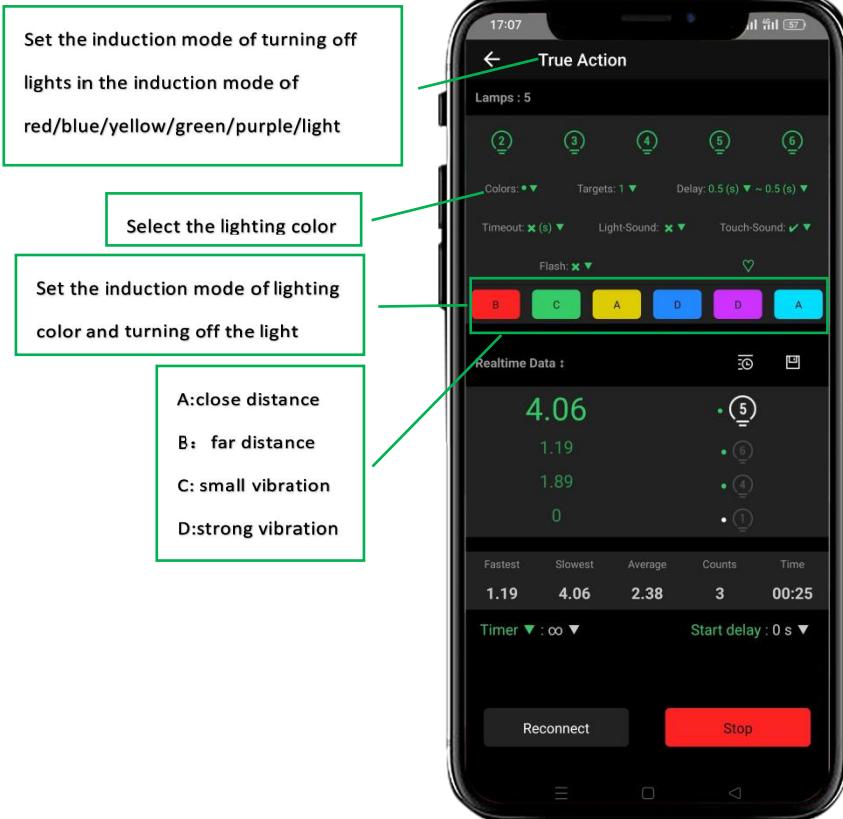
Number of lights turned off by player A.

Each light is switched to a different way of turning off the light.

- A:close distance
- B:far distance
- C: small vibration
- D:strong vibration

Select the working mode of training operation.

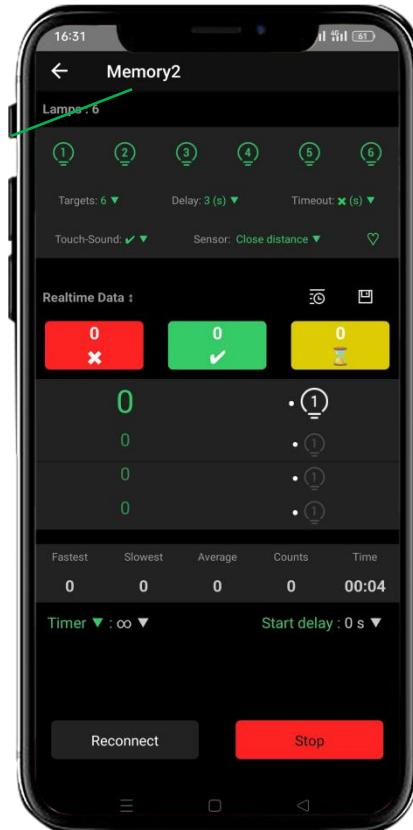




Every light will show a different color. You need to remember the color of the light emitted by the digital light. After the memory is completed, the lights will all be turned off. Then you can find out according to the lights displayed on the screen, and find out that the digital light is this color according to the memory. The answer is correct and bright green, and the answer is wrong bright red.

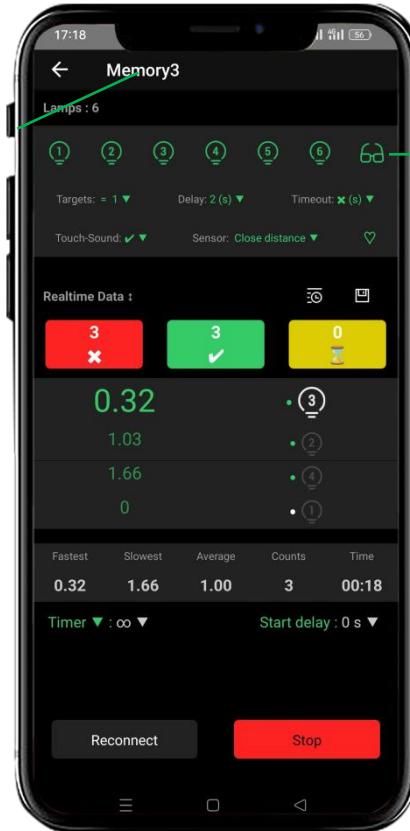


Each light will emit a different color, but the lights will not light up at the same time. They will light up randomly according to different times. You need to remember the order in which the numbers light up. After all the lights are turned off, you need to turn on the lights again in order.

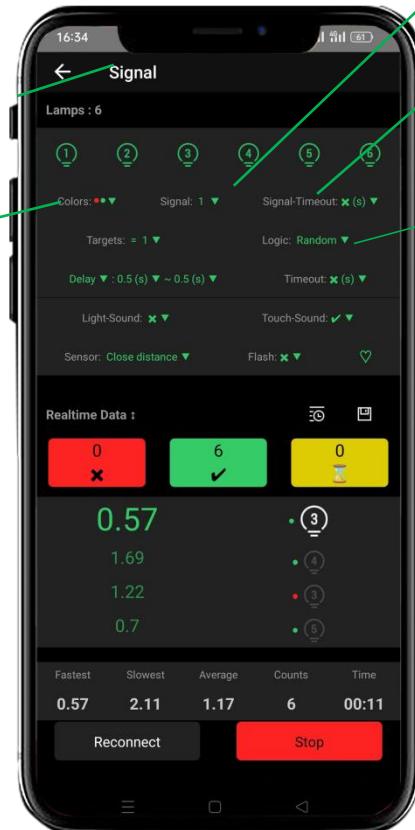


You need to buy queing brand of strobe glasses separately to use this mode.

The lights will light up randomly. You need to remember the sequence and position of the lights.
The strobe glasses will turn black. You need to light the lights in order in the dark.



Glasses connection status



Set the digital light as signal light, touch other lights, lights with the same color as the signal light,

Set the color of the light.

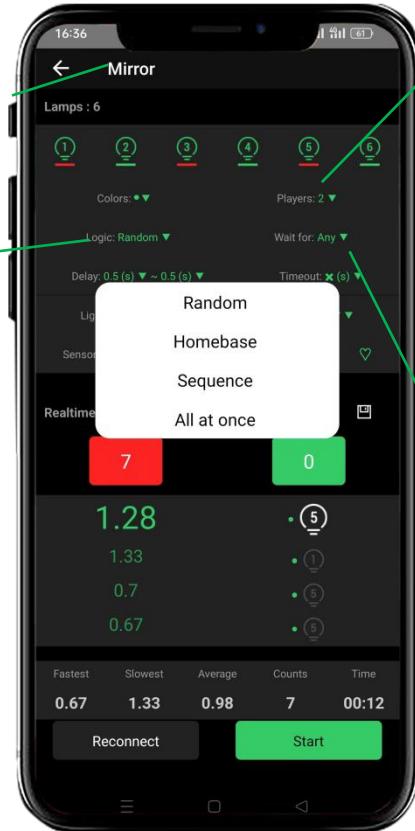
Set the signal light and reference light, without turning it off.

Set the time when the signal light automatically turns off the light and enters the next round.

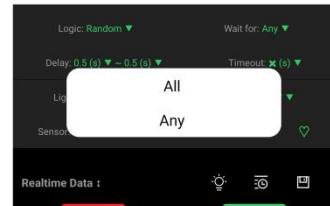


Divide a group of lights into groups. Each group of lights will follow the same instructions.

Set the logic of light operation.



Set the number of players



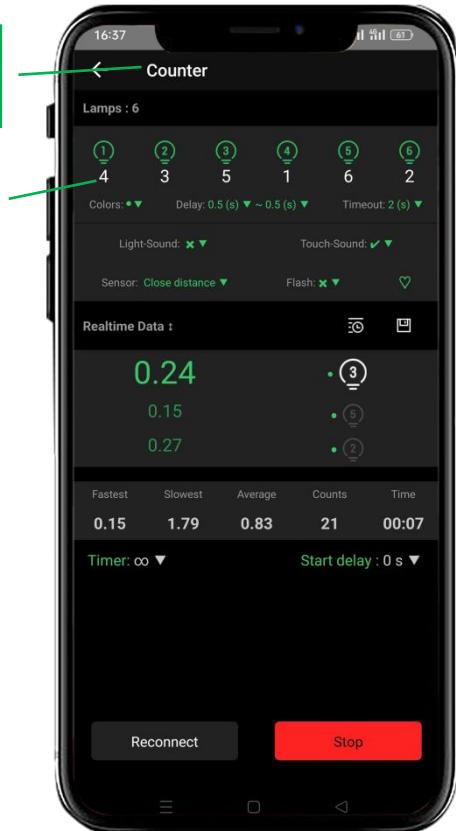
ALL: all lights need to be turned off.
any: Reference lights don't need to be turned off.

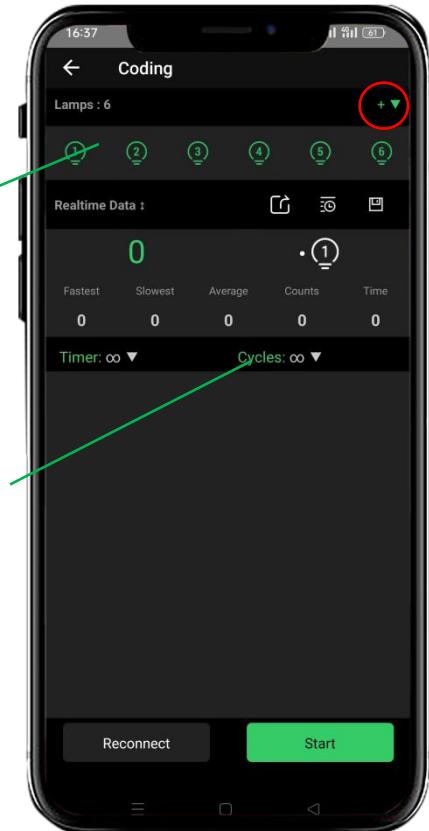
The lights will all be on. Remember the number of flashing lights, and the lights will be turned off. Then find out the original number of flashing lights, which is green correctly and red wrongly.



The number of lights turned off for each light will be counted separately

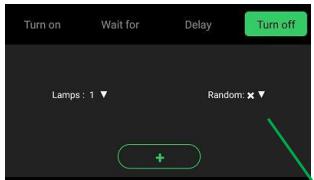
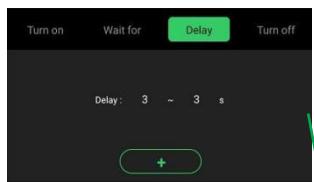
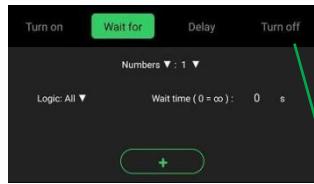
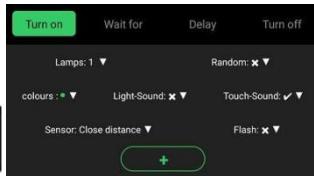
Number of lights out corresponding to digital lights





Make the program you want according to your own ideas to digital lights

Number of instruction loops



Light up: select the number of lights, 1-12 for selection

Random: whether it is necessary to light up randomly in the selected light serial number

Color: a total of six colors, you can choose freely

Light on sound / sense sound / sense mode / flicker or not, select according to your own needs, set it up, click + to save the command

Wait (conditional delay): wait for all lights to go out before entering the next step, or wait for a light to go out before entering the next step

Logic: wait for all or specified lights Waiting time: how long to wait for the next command after selecting the light,

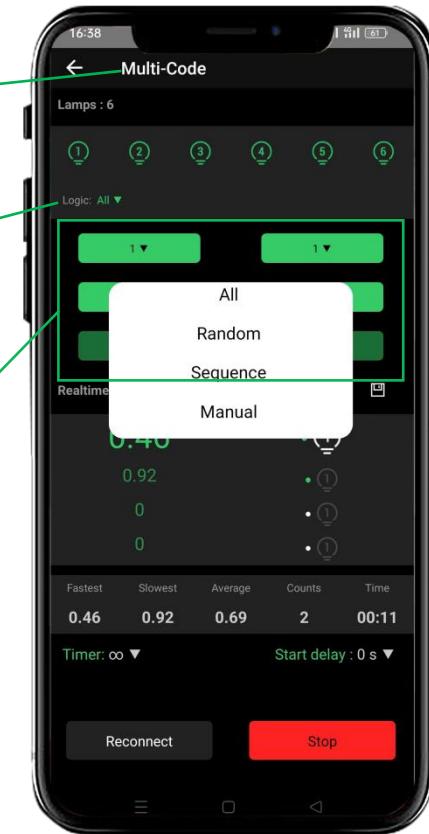
Delay time: unconditional delay, the program will delay a certain time to enter the next step

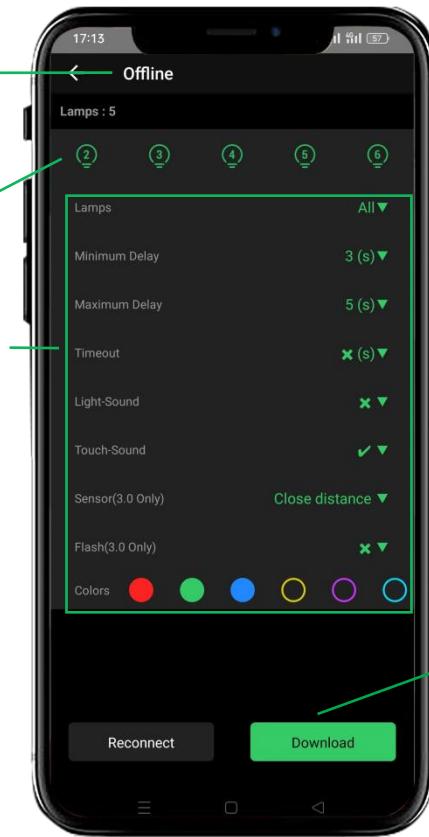
When it is off, the program will turn off the selected digital light, and then go to the next

Run up to 6 groups of instructions in programming mode at the same time,

Run custom instructions according to the specified logic.

Create new programming instructions in programming mode, and run up to 6 groups of custom programming





Use the reaction training light without connecting the mobile phone

Turn on and connect the reaction training light

Modify the parameters of the connected light

How does the light enter offline mode

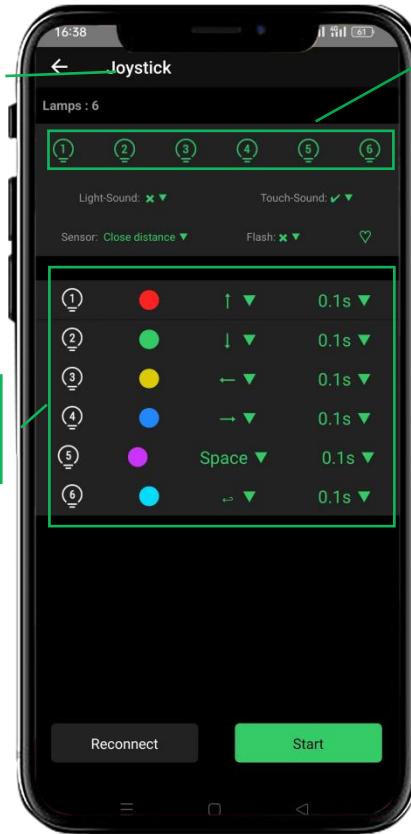
- 1: Set and download offline parameters after online connection
- 2: Press and hold the power-on key for 5 seconds
- 3: The light flashes many colors, and the light can be turned off manually.

Click download. After the download is successful, the light will run without using the mobile phone according to the downloaded parameters

You need to purchase a Bluetooth adapter separately before you can use it.

This game can adapt to 99% of the games on the market. We don't provide games. The main function of the adapter is to convert the lights into keys on the keyboard. As long as your game needs keys on the keyboard, you can use it to complete your training.

Select the corresponding keyboard key instruction for each light.



You need to connect the light first, and then plug in the Bluetooth adapter in the computer.

The offline function setting mode of the reaction training ball is not available for the reaction training light.



We will constantly upgrade and update the APP.

If you have a better idea,

we will add it for you.

If you have any problems during use,
please feel free to contact the after-sales service
and we will handle it quickly for you.