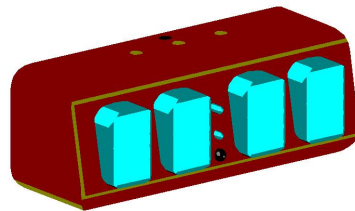
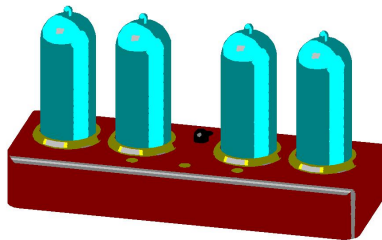


# Nixie tubes clock

( For IN12 \_M4 )



## Introduction of the clock

### ■ The clock parameters

voltage : DC5V

electricity : <400ma

size : 132mm(L) \* 50mm(W) \* 50mm(H)

### ■ The warranty treaty

# Clock non-manual damage is guaranteed for one year and the warranty is required to keep the internal label intact

# Wearing parts such as appearance and glass are not covered by warranty

# Each clock has its own sales card as proof of sale. Do not tear, alter or discard it

# If the warranty period is exceeded or man-made damage is caused, the shop will provide repair; Charge for materials and hours

# Because the damage is very serious, it cannot be repaired. Please negotiate for a new one

### ■ Important note

# Users are strictly forbidden to disassemble and repair, once disassembling or repairing, the shop will not after sale.

# Do not use in damp environment

# Children are not allowed to touch the clock.

# Power USB power interface is fragile, do not drag to avoid damage

# This clock is a DIY work, there are some flaws or imperfections, please include

# Please believe that we will try our best to make each work present its best condition

### ■ Contact information

QQ:4164420

WeChat : dls0709

E-Mail : [dls20@qq.com](mailto:dls20@qq.com)

Please scan the qr code below and follow our WeChat public number to make it more convenient to contact us:

Our website : [www.diy.m.vip](http://www.diy.m.vip)

## Clock APP/ small program acquisition and use

### Applet of WeChat

WeChat scan the following two-dimensional code or search the small program "果然时钟" can be opened



### Android APP download

The qr code below scan or enter the webpage to download the android APP installation package  
: <http://www.diyim.vip/guoran.apk>



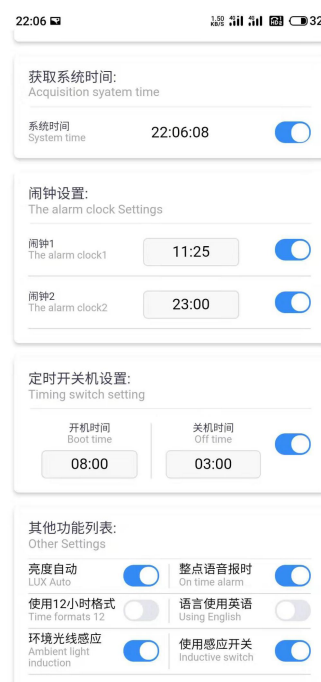
### Open the software and look for the clock



### Select the clock to connect to



### Open the interface of the software:

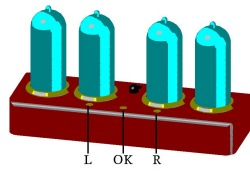


**Notice:**

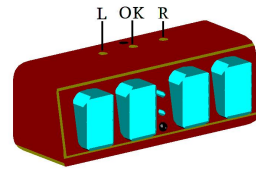
1. If the software fails to load properly, please close the software and try again.
2. If the clock cannot be found, it may be the compatibility problem between mobile phone and software, please change the mobile phone for testing.

# Clock key

## 1、Clock touch buttons and functions



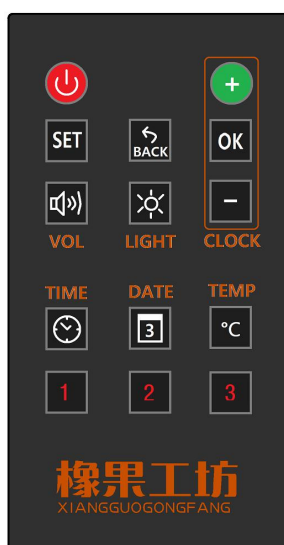
IN12/IN4 nixie tube



IN14/IN8\* nixie tube

	Ket	operation	function
1	<b>L</b>	click	Turn backlight on and off; Parameter adjustment "+"
2	<b>OK</b>	click	Turn on and off the clock; Parameter adjustment "OK"
3	<b>R</b>	click	Display date; Parameter adjustment "-"
4	<b>L, R</b>	At the same time press	Enter and exit clock Settings
5	<b>OK, R</b>	At the same time press	Turn on the timer

## IR remote control



## Remote control button function

	+		Back
	OK		Volume set
	-		Luminance
	ON-OFF		Time
	SET		Date
	brightness adaptation		Change color
	Fixed color		Color change mode

Notice: Button for backlight control

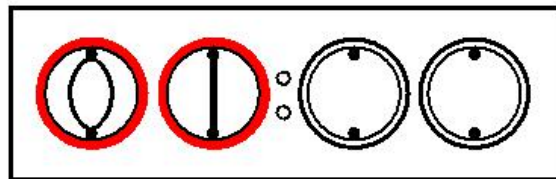
# Enter the set action

## 1、 There are two ways to access the Settings function

1 : Simultaneously press the clock to touch the button "L, R"


2 : Press the APP/ remote control button“  ”

Display ▶

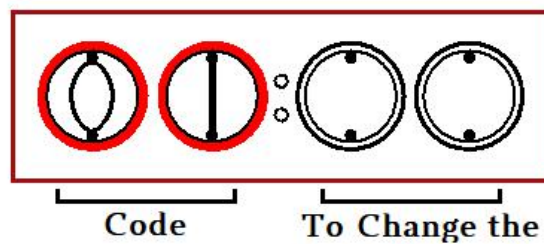


## 2、 There are two ways to exit the Settings function (Note: do the following under the main menu shown above)

1 : Simultaneously press the clock to touch the button “L, R”





2 : Press the APP/ remote control button“  ”

## 3、 Set display content



## 4、 Key function when setting

### ▼Infrared remote control

	add“ +”
	OK
	Exit/return
	subtract“-”

### ▼The clock button

L	add“ +”
OK	OK
R	subtract“-”

**Note:** in the setting interface, the clock has voice prompts for each function. Please operate with voice prompts.LED backlight changes with Settings in real time, and red LED light indicator sets function code;The green LED indicates the parameters being changed.

## Set the project function reference table

Code	Project	Parameter	Corresponding function	
01	Time set	1	Connect to the phone bluetooth and set the time automatically	
		0	Manually set the year, month, day, week, and second in turn	
02	Alarm 1	1	open	Turn on and adjust the alarm time
		0	close	Shut the alarm clock 1
03	Alarm 2	1	open	Turn on and adjust the alarm time
		0	close	Shut the alarm clock 2
04	Digital variation pattern	0	Normal change	
		1	Cross the gradient	
		2	Crossbar transition	
		3	else	
05	Colons of display	0	close	
		1	open	
06	The brightness Set	0	automatic adjustment	
		1	Level 10 manual adjustment	
07	Volume set	0~7	Prompt sound volume setting,"0" silently	
08	Display mode	1	Display: hours, minutes, seconds	
		2	Display: hour, minute, week	
		3	Display: Month, day, week	
		4	Custom display	
09	Hour format	12	12-Hour format	
		24	24-Hour format	
10	Timing switch	1	Starting up Time,The time when the clock is automatically turned on	
		2	Shutdown Time,The time when The clock shuts down automatically	
11	Hourly prompt	0	close	
		1	open	
12	Night mode	0	close	Function: When the brightness level is less than 2, do not broadcast time
		1	open	
13	Alarm bells music	1~6	6 alarm clock music	
14	LED weekly mode	0	close	Note: The backlight represents the week with red, orange, yellow, green, cyan, blue and purple. The LED color cannot be changed manually after being turned on
		1	open	
15	External switch	0	close	Reserve the on and off interfaces for peripherals or DIY developers
		1	open	
16	Nixie tubes protection	0	Closed, not recommended	
		5~15	Recommended 5 minutes	
17	Language	0	Voice broadcast in Chinese	
		1	Voice broadcast in English	
18	Reset the clock	00	Do not revert to the default state	
		11	Restore the clock to its default settin	