












NIXIT CLOCK - IV-11 & IV-22 VFD Clock

Online updated instruction Check it out >>>> <https://goo.gl/Yr4XMv>

Remote Controller		
Button	Functions	
	ON/OFF	
Hold 	Active / Deactivate the auto off setting	
	Time Mode	12/24 Hour
	Date Mode	YYMMDD/DDMMYY/MMDDYY
	Temp Mode	°C/F
	Decrease number when the number blinking	
	Increase number when the number blinking	
Hold 	Previous color of breathing led mode	
Hold 	Next color of breathing led mode	
	Alarm Setup Mode	Turn on / off the alarm setting
	Auto-On Setup Mode	Start / End section selection
	Edit / exit Edit	
Hold 	Change led animation	
	Change digit switching animation	
1	Time mode	
2	Date mode	
3	Temp mode	
4	Light sensor setup	
5	Alarm mode	
6	Auto-On time setup	
7	Tube Testing mode	

8	No function
9	Auto Display setup
0	No function

Hardware Specific:

Power input: 5V1A USB port or 5V2A is also worked.

GPS module: plug on GPS module before power on the clock, it will synchronize to local time once a week (GPS module sell in other listing)

Temp Sensor: plug on anytime and place on normal temp area.

Remote controller: need to buy a CR2025 battery by yourself.

VFD clock and Nixie Clock Online Store: 8x8x8item.com



GPS module (external parts for sync time)
\$15.00



IV11 VFD Tube Clock



IV22 VFD Tube Clock



NIXT CLOCK - IV-11 VFD Tube Clock DIY Soldering Kit Remote Alarm Clock With 6 Tubes
From \$50.00



NIXT CLOCK - RGB Full Color Acrylic Nixie Clock Kit - WIFI Andriod Apps
\$75.00



No Tubes - NIXT CLOCK - DIY Kit IN-14 Nixie Clock Through-hole Soldering Version
\$49.00 ~~\$69.00~~



Mini Teleprompter



Muzio VU Meter LED Music Tower - Arduino UNO inside & Opensource Fully Assembled
From \$68.00



NIXT CLOCK IV-17 VFD TUBE CLOCK with GPS module for option
On Sale from \$68.00 ~~\$79.00~~



No Tubes - NIXT CLOCK - IN-14 NIXIE TUBE CLOCK WITH REMOTE AND ALARM KIT
\$55.00 ~~\$69.00~~



OpenTrack FreeTrack Camera + IR LED Track Clip Pro
\$48.00



Parts Supply - 6 Digit Board 6 set for DIY acrylic clock
\$18.00



NIXT CLOCK - Acrylic Nixie Style Clock - Led Acrylic Clock - USB Powered
\$45.00 ~~\$49.00~~



NIXT CLOCK - IN-12 NIXIE TUBE CLOCK WITH REMOTE AND ALARM 100% Soldered
On Sale from \$68.00 ~~\$99.00~~



NIXT CLOCK - IN18 Nixie Clock Digital Clock Display Time Date Temp
On Sale from \$82.00 ~~\$99.00~~

Clock Functions

Remote battery (CR2025) not included because of air shipping

Time Mode

(button **1**)



Click “**1**”

Click “**MODE**” enter time edit function, Click “**+** **-** **⏮** **⏭**” to select and adjust the digit.

Click “**↺**” to change the 12/24 hour format.

Date Mode

(button **2**)

(2018 May 5)



Click “**2**”

Click “**MODE**” enter time edit function, Click “**+** **-** **⏮** **⏭**” to select and adjust the digit.

Click “**↺**” to change the Date format. YYMMDD , DDMYY , MMDDYY

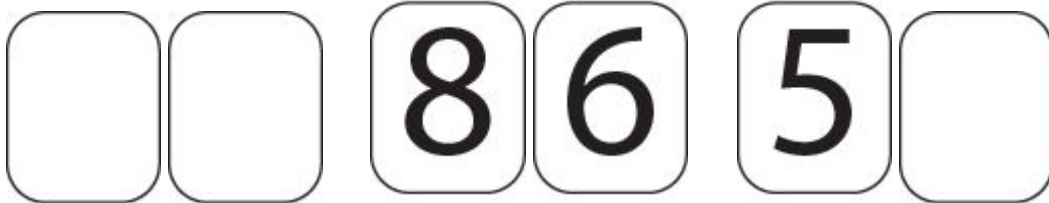
Temp Mode

(button) **3**

(29.6C)



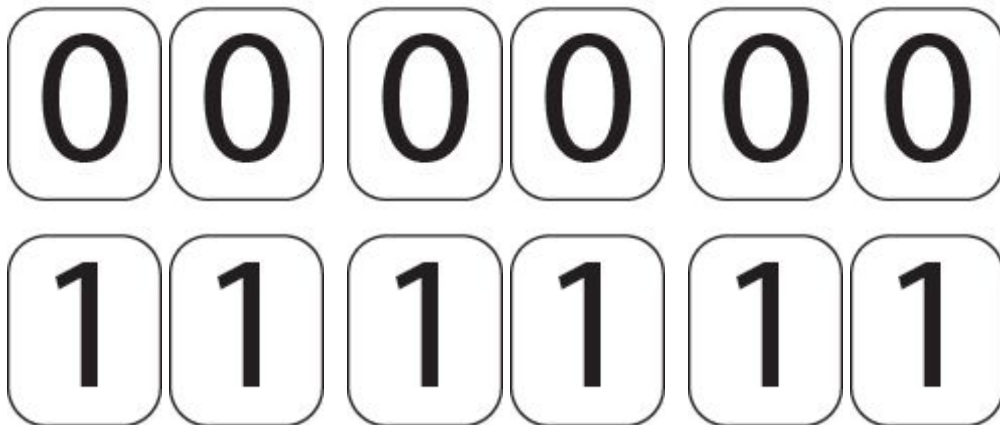
(86.5F)



Click “ **3** ”

Click “  ” to change the Temp unit.

Tube Digit Testing Mode



.
.
.

Click Button **7** and Click Button **+** **-**

Auto Display Setting

(button )

range of Time

0	5				
---	---	--	--	--	--

range of Date

		5			
--	--	---	--	--	--

range of Temp

			5		
--	--	--	---	--	--


Auto Display On

					1
--	--	--	--	--	---

Auto Display Off

					0
--	--	--	--	--	---

Click “”

Click “” to turn On/Off Auto Display


Click “” enter edit function, Click “   ” to select and adjust the digit.

For date and temp, it can only display 9 seconds at maximum. Set 0 second to skip the display info you don't like






Alarm setting



(button **5**)

Click “**5**”

Click “” to select the alarm section, 0-9 will show on the 1st digit, have 10 alarm time sections

Click “” to activate the alarm section, the 2nd digit will show a letter "1" if turned on, “0” is turned off

Click “” enter edit, Click “” to select and adjust the time. The 3rd-6th digit is the time digit

Click “” to turn off the bell ring, or it will ring for 60 seconds only, Click “” to reactive the bell ring

Here is an example alarm at 07:00 and alarm again at 20:00

Section	On	Alarm at 07:00			
0	1	0	7	0	0
Section	On	Alarm at 20:00			
1	1	2	0	0	0
Section	Off	No Alarm			
2	0	0	0	0	0
Section	Off	No Alarm			
3	0	0	0	0	0

⋮

4,5,6,7,8,9

Auto Turn On the clock

(button **6**)

You can set 1 section Auto-On, need to be in increasing sequence****

Click “**6**”

Click “**▶**” The 2nd tube will show(0) or (1), 0 is the start of the section, 1 is the end of the section

Click “**MODE**” edit the time, Click “**+** **−** **⏮** **⏭**” to select and adjust the 3rd-6th tube.

Click “**MODE**” to end setting

For IV22, Press and hold “**⏻**” button to turn on the Auto-On setting, it will light a Blue led on the PCB, when it was auto turned off, a Green led will blink on the PCB

For IV11, Press and hold “**⏻**” button to turn on the Auto-On setting, a “Bee” sound will confirm its turned on, a “Bee Bee Bee” will confirm its turn off.

The following demo show it will turn on the clock on 00:00 and turn off at 08:15



Question: I want to clock to go on at 5 pm (1700) and go off at midnight (12 am) 2400. Can you help?

Yes, it need be in increasing sequence, set up all 3 sections by the following setting.

00 17 00


01 24 00

Question: I am trying to set it to turn on at 0800 and off at 1500. Following the directions, it should be programmed as?


00 08 00

01 15 00


Digit switching effect

Press “” Button, there will be 3 animation effect for digit switching

RGB led switching effect


Press and hold “” Button it will have 5 animation effect

1 - fixed color


Press and hold “”

Press and hold “ ” to select color

2 - breathing color


Press and hold “”

Press and hold “ ” to select color


Press and hold “” to stop in the current color

Press and hold “ ” to change breathing speed

3 - digit and color match

Press and hold “”

4 - slide rainbow

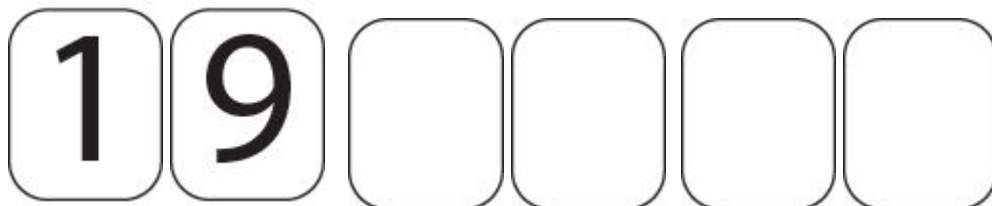
Press and hold “”

5 - Led Off

Light sensor setup

Click “”

Click “” enter edit, Click “   ” to select digit and edit the tube



The first digit represents the function on / off, 1 is on, 0 is off

The second digit represents the light up a level, from 0 to 9,


0 means the clock will turn on the clock at outdoor sunlight, 9 means the clock will turn on the clock light at indoor low light.

GPS

(GPS module is sold separately)

It will auto sync to GPS time once every week, a red blink led light on the bottom means it is receiving GPS signal, also every time power on it will auto sync to GPS time.

Plug on the GPS module before power on, try to place near the window or even outdoor for a better GPS signal.

The following 3 digits will light up when Press and Hold “” button, it means minus one hour for America summertime, or no change, or add one hour, this is only for the GPS sync data.

