

ELEKSTUBE
ELEKSMAKER STUDIO

ELEKSTUBE
VCK_CCCP LGL VFD
Clock



ELEKSTUBE VCK_CCCP LGL VFD Clock Instructions

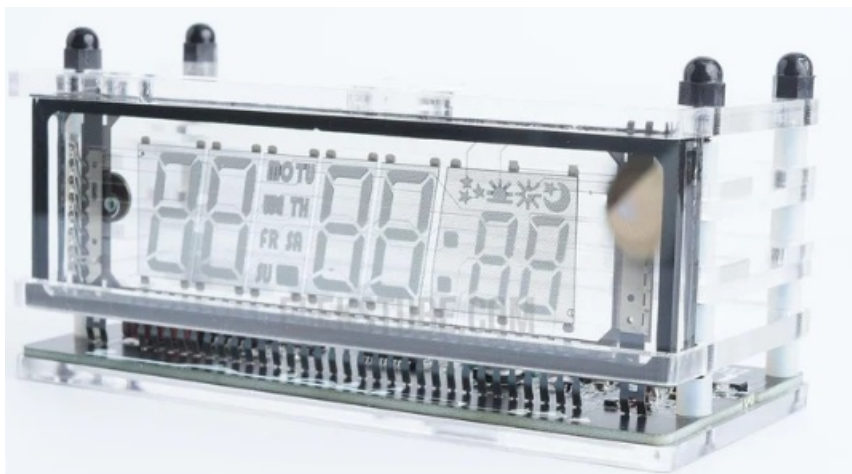
[Home](#) » [ELEKSTUBE](#) » ELEKSTUBE VCK_CCCP LGL VFD Clock Instructions 

Contents

- [1 ELEKSTUBE VCK_CCCP LGL VFD Clock](#)
- [2 Product Usage Instructions](#)
- [3 LGL VFD Clock User Guide](#)
- [4 Wi-Fi Settings:](#)
- [5 Documents / Resources](#)
 - [5.1 References](#)
- [6 Related Posts](#)



ELEKSTUBE VCK_CCCP LGL VFD Clock



Product Specifications

- Firmware Version: 2.0
- Wi-Fi Name: VFD_Clock_AP
- Time Zone: Beijing (+8)
- Offset: 0 (default)
- RGB LED Modes: Over 20 options available

Product Usage Instructions

Wi-Fi Settings:

Configure the Wi-Fi settings by entering the provided Wi-Fi Name and Password. Set the time zone, and offset, and adjust DST settings if applicable. Ensure NTP Server is correctly set for accurate time synchronization.

RGB LED Settings:

Adjust RGB LED settings by toggling the RGB Switch to On/Off. Set the start and end times for RGB LED operation. Customize blinking speed, select from various effect modes, adjust brightness, and choose colors either manually or using color codes.

VFD Function:

Control display settings by adjusting brightness, choosing display mode (flip or fixed time), selecting date format (US or UK), and switching between 12-hour and 24-hour time formats. Enable/disable Wi-Fi time synchronization, manage alarm settings, and manually set time and date.

Button Settings:

- **SET 1:** Single Click: Next RGB mode, Double Click: Previous RGB mode, Long Press: Turn RGB lights on/off
- **SET 2:** Single Click: Increase brightness, Double Click: Toggle display mode, Long Press: Show clock IP address

FAQ:

- **Q: How do I update the firmware of the LGL VFD Clock?**

A: To update the firmware, visit the manufacturer's website and follow the provided instructions for firmware upgrade.

- **Q: Can I manually adjust the RGB colors on the clock?**

A: Yes, you can manually adjust RGB colors either on the color palette or directly inputting the color code.

LGL VFD Clock User Guide

Firmware Update:

The firmware has been upgraded to version 2.0.

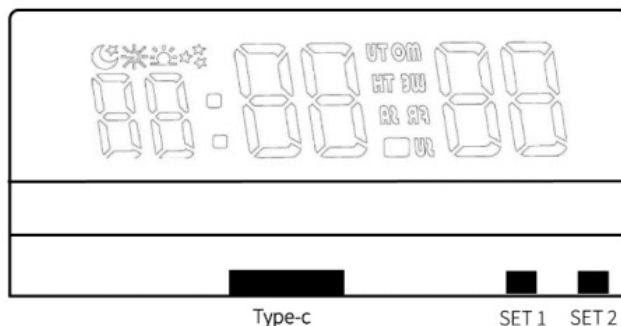
Wi-Fi Settings:

- Wi-Fi Name: VFD_Clock_AP
- Wi-Fi Password:
- Time zone: (Beijing time zone is +8)
- Offset: (Network delay compensation, default = 0)
- DST Time zone:
- DST Start Rule:
- DST End Rule:
- NTP Server:

(*Time zone tips: Common examples include +1 for Paris, -5 for New York, and +9 for Tokyo.)

(*If there is no Daylight Saving Time (DST) in your region, simply set the DST Time zone, DST Start, and DST End Rule to 0.)

After configuring the above settings, click Send/Save Settings 1.



SET 1:

- Single Click: Next RGB mode
- Double Click: Previous RGB mode
- Long Press: Turn RGB lights on/off

SET 2:

- Single Click: Increase brightness. Set to AUTO for automatic light sensing or manual brightness adjustment.
- Double Click: Toggle display mode between fixed time and scrolling time/date.
- Long Press: Show clock IP address.

RGB LED Settings:

- RGB Switch: On/Off
- RGB LED Start Time:
- RGB LED End Time:
- LED Blinking Speed: (in milliseconds)
- RGB Effect Modes: (Over 20 options available)
- RGB LED Brightness Value:
- RGB Color: (Can be manually adjusted on the color palette or directly input using the color code.)
- After making adjustments, you can preview the settings. Click Save Settings to apply.

VFD Function:

- Brightness: Adjust the brightness of the display.
- Display Mode: Choose between flip or fixed time display.
- Date Format: Select between US or UK date formats.
- 12/24 Hour Mode: Switch between 12-hour and 24-hour formats.
- Wi-Fi Time Sync Switch: Enable or disable time synchronization via Wi-Fi. Alarm Mode Switch: Turn the alarm function on or off.
- Alarm Time: Set the alarm time.

- Manual Set Time & Date:
- Set Time:
- Set Date:

Documents / Resources

1.1. VFD Clock Test Setup

Connect cables:
The following table shows supported I/O signals:

Pin	Signal
1	0V
2	5V
3	0V
4	5V
5	0V
6	5V
7	0V
8	5V
9	0V
10	5V
11	0V
12	5V
13	0V
14	5V
15	0V
16	5V
17	0V
18	5V
19	0V
20	5V
21	0V
22	5V
23	0V
24	5V
25	0V
26	5V
27	0V
28	5V
29	0V
30	5V
31	0V
32	5V
33	0V
34	5V
35	0V
36	5V
37	0V
38	5V
39	0V
40	5V
41	0V
42	5V
43	0V
44	5V
45	0V
46	5V
47	0V
48	5V
49	0V
50	5V
51	0V
52	5V
53	0V
54	5V
55	0V
56	5V
57	0V
58	5V
59	0V
60	5V
61	0V
62	5V
63	0V
64	5V
65	0V
66	5V
67	0V
68	5V
69	0V
70	5V
71	0V
72	5V
73	0V
74	5V
75	0V
76	5V
77	0V
78	5V
79	0V
80	5V
81	0V
82	5V
83	0V
84	5V
85	0V
86	5V
87	0V
88	5V
89	0V
90	5V
91	0V
92	5V
93	0V
94	5V
95	0V
96	5V
97	0V
98	5V
99	0V
100	5V
101	0V
102	5V
103	0V
104	5V
105	0V
106	5V
107	0V
108	5V
109	0V
110	5V
111	0V
112	5V
113	0V
114	5V
115	0V
116	5V
117	0V
118	5V
119	0V
120	5V
121	0V
122	5V
123	0V
124	5V
125	0V
126	5V
127	0V
128	5V
129	0V
130	5V
131	0V
132	5V
133	0V
134	5V
135	0V
136	5V
137	0V
138	5V
139	0V
140	5V
141	0V
142	5V
143	0V
144	5V
145	0V
146	5V
147	0V
148	5V
149	0V
150	5V
151	0V
152	5V
153	0V
154	5V
155	0V
156	5V
157	0V
158	5V
159	0V
160	5V
161	0V
162	5V
163	0V
164	5V
165	0V
166	5V
167	0V
168	5V
169	0V
170	5V</

References

- User Manual

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.