

Chrono-Wood Clock

A Wi-Fi Enabled LED Clock by Omnixie

User manual v1.0.2



Designer:	Yan Zeyuan. China				
Website:	www.omnixie.com				
	www.omnixie.cn				
E-mail:	yan@omnixie.cn				

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Web v1.0.2 Software v1.0.2 Hardware v1.3.2

Attention

- Attention: To prevent accidental damage, do not place the Chrono Wood LED Clock on an uneven surface.
- Warning: In order to ensure normal operation, please use only the included power adapter and USB cable.
- Warning: The Chrono-Wood clock is for indoor use only.

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Package Contents

Before getting started, please check the contents of the package. If any parts are missing, please contact the seller. Package consists of the following items:



Chrono-Wood Clock



Power adapter



USB C to USB A Cable



IR Remote Controller

■ It is highly recommended to use the included power adapter and USB cable.



LED displays come in a variety of colors, but same physical clock appearance.

Dimension





The wood housing has been polished, and the actual size may vary slightly.

Technical Specifications

Name	Specifications
Colors of LED display	White, Red, Blue, Orange, Green (single color fixed)
Power input	USB Type-C / 5V DC Max 800mA
Wi-Fi	IEEE 802.11 b/g/n
Frequency range	2.412GHz – 2.484GHz
Antenna	Built-in PCB board antenna
Dimension	341mm(L) x 45mm(W) x 64mm(H)
Material of housing	Hardwood frame Stainless steel back plate.
Operation temperature	0°C - 60°C
Weight	~670g (Only the clock)
	~1000g (Complete packaging)

The technical specifications may be updated, please visit omnixie.com for the latest information.

Features

Name	Description
Customized LED display	Professional long-life LED dot matrix module with 5 different built-in styles of digital fonts.
Multiple time and date display	Supports 12H/24H time display, optional HH:MM:SS/HH:MM time display format. Supports YY-MM-DD/YY-DD-MM/DD-MM-YY/MM-DD-YY date display format.
Brightness adjustable	8 brightness levels, which can also be automatically adjusted according to ambient light conditions (to allow sleep at night).
Temperature, humidity, air pressure display	Built-in high-precision temperature, humidity, and air pressure sensors, Celsius/Fahrenheit optional.
Talking clock	Intelligent speech system in English, Chinese Mandarin, Japanese and German. The interval and alarm music are user customizable.
Wi-Fi synchronization	Built-in Wi-Fi module, connect to router automatically and sync date and time from NTP server (NTP time accuracy can reach 1-50ms) after initial setup, never worry about the accuracy, leap year, leap seconds. Daylight saving time can be automatically adjusted. High-precision network time please refer to https://time.is
Web configuration (Support iOS, Android, Mac OS, Windows)	Built-in web server, open any web browser to access the interface page (Dashboard) to configuration of all features including Wi-Fi parameter settings, NTP settings, system status, general settings, display settings, alarm settings and firmware upgrade.
DHCP 、 mDNS 、 SSDP support	Support DHCP settings for external network access, supports mDNS for browser domain name access (no need to remember device IP address), supports SSDP for fast network discovery.
OTA firmware upgrade	The system firmware can be upgraded directly through the Web interface without any special equipment.
Support GMT setting	Supports GMT time zone setting. The system will automatically convert the local date and time according to the GMT time zone settings.
Support DST setting	Supports DST settings. Customize the start and end dates for daylight saving time to adapt to different countries daylight saving time rules.
Alarm	Four individually configurable alarm clocks, supports snooze function. (weekend activation optional)
Music key tone and alarm	Variety of key tone sound effects for easy setting confirmation. 12 kinds of alarm music, the alarm volume can be set independently.
Touchpad	Touchpad on the top for easy viewing of date, temperature, humidity. When the alarm sounds, touch the pad to stop the alarm.
IR remote	IR remote controller operation.
Volume adjustable	8 volume levels. Independent Alarm volume, mute does not affect the alarm sound.
Digits transition effects	1. Normal 2. Scroll down 3. Crossfade 4. Radar scan 5. Scroll left 6. Flip

Display Content

Chrono-Wood Features Five Different Styles of Number Fonts



- Choose different fonts according to your preferences.
- Please refer to the menu 9 for font setting.

Chrono-Wood has Rich Display Content

Taking font 2 as an example:



Time display with 12H format



Date display



Humidity display



Alarm display



Automatic brightness sensing



Time display with 24H format



Temperature display



Air pressure display



Brightness/Volume setting



Setting menus

IR Remote

	power	
		Power Power ON/OFF
		LIGHT Set Brightness
	SET	SET Enter setup
		DATE Display date
		ALARM Display alarm
	L. TEMP	TEMP Display temp/humidity/pressure
-, abc def		LEFT/RIGHT Move cursor position
4 5 6 ghi k mno	H	FUNC Enter menu
	CANCEL	OK/CANCEL Save/Abort
COMNIXIE www.omnixie.cn	O - 9	NUMBER Enter numbers

The IR remote uses (1) CR2025 cell. Transportation rules may not permit shipment with lithium battery installed. Please insert battery or remove the protective insulator to operate.

Power Adapter



- Input: 100-240VAC, ~0.6A, 50/60Hz.
- Standard USB output.
- Output DC 5V, Max 1A.

In order to ensure proper operation, only use the supplied power adapter and high current USB cable.

Wi-Fi Introduction

The Chrono-Wood clock can connect to routers via Wi-Fi and access NTP time servers to get accurate network time (NTP servers are located all over the world and choose the fastest connected server based on your location). Additionally, a phone or computer can use the same Wi-Fi connection to set all features of the Clock.





• For the first connection, about 10 seconds after the clock is powered on, the Wi-Fi status indicator will light up in red to indicate that the clock Wi-Fi is not connected to any network and is waiting for configuration. At this point you can use any of the following methods to connect and configure the Wi-Fi network.

- The Chrono-Wood clock needs to be set to use your home network and requires a "one time" setup.
- On first power-up, the clock creates a Wi-Fi hotspot for the initial configuration.
- On your phone or PC: Go to the Wi-Fi settings and look for an SSID like: Omnixie xxxxxx. This is your Chrono-Wood clock.
- Temporarily connect to the clock Wi-Fi SSID and a configuration window should open, or simply browse to http://192.168.4.1
- Teach your clock to connect and use your own Wi-Fi network by selecting your home SSID and providing the network password.
- When completed, the clock will reboot and automatically connect to your Wi-Fi.
- Your phone or PC will automatically reconnect back to your home network.
- Clock configuration will now use your Wi-Fi network. Use your phone or PC browser to view your clock for complete configuration information. Detailed steps for Android, iOS and Windows PC follow.

Wi-Fi Status Indicator

The color of Chrono-Wood clock's Wi-Fi status indicates the current Wi-Fi link status with the following color information:

Color	Status
Red	Wi-Fi router not connected, waiting for configuration.
Yellow	Wi-Fi connected, but the NTP server is not connected.
Green	Wi-Fi connected, and the NTP server is connected.





Wi-Fi Configuration with iPhone Other iOS devices can refer to this method.

iPhone

Wi-Fi Connection

Wi-Fi Configuration with iPhone

Open the **Settings**->**WLAN**, turn on **WLAN**, select **Omnixie_xxxxxx** (xxx is a serial # of your clock) in the list. After the network is connected, the Wi-Fi configuration interface will pop up automatically and start to scan the available Wi-Fi networks as shown in the following figure:



After scanning, all nearby available Wi-Fi networks will display, click the Wi-Fi name and enter the password, then click **Save** button to save the configuration. If no nearby Wi-Fi networks are displayed, please click **Scan again** button to rescan.

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After the Wi-Fi configuration is completed, the clock will reboot and connect to the Wi-Fi automatically. If the connection is successful, the Wi-Fi status indicator will light **yellow** or **green**. If Wi-Fi status indicator still red after rebooting, it indicates that the Wi-Fi password just entered is incorrect, please select again to make settings.

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- Chrono-Wood clock`s network name starts with **Omnixie** followed by 6-digit identifier.
- For more information of colors of Wi-Fi status indicator, please refer to **Wi-Fi** Introduction -> Wi-Fi Status Indicator.
- To reset Wi-Fi settings please refer to Setup the Chrono-Wood clock using the Omnixie Dashboard -> Advanced Setup.

Open Dashboard with iPhone

Method one: Open Safari, type omnixie.local to open Dashboard.

Method two: After open Dashboard, click **MENU** button below, click **Add to Home Screen** button, then you can open Dashboard on the phone desktop as an App.



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COMNIXI The Light Never Fa	Es Improve Bes Improve English
Omnixie® Clo Chrono-Wood WiFi LEE	Clock Dashboard
察 WiFi Setup	< Status
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© 2010-2023 Omnikie® Designed by Zeyuar	新光钟 - All Rights Reserved h Yan (China/California US)
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Wi-Fi Configuration with Android



Wi-Fi Configuration with Android

Open the **Settings->WLAN**, enable **WLAN**, select **Omnixie_xxxxxx** in the list. After network is connected, the Wi-Fi configuration interface will pop up automatically and start to scan the available Wi-Fi networks as shown in the following figure:

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1	17:35	以四 40° (107)		17:35	R 🖬 🖏 📾 💷	17:36	R 🖬 👯 🗟 🕬
	< Wi-Fi	Ξ		< Wi-Fi	8	Omnixie_eebb0a	Cancel
	Wi-Fi	-0		Wi-Fi	0	Omphria@ Clock W/IEI	Configuration
	Network assistant Acceleration over multiple networks switch	and network		Network assistant Acceleration over multiple network switch	ks and network	Scanning	
	Available networks	Refresh		Available networks	Refresh	Password	
	Omnixie_eebb0a	\$\$		 Omnixie_eebb0a Connected (tap to share) 	\$ >	Save	
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	Add network			Add network			
		1			5		5

If Wi-Fi configuration interface does not pop up automatically, please open browser and type **192.168.4.1** to open Wi-Fi configuration interface.

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< Wi-Fi	8	192.168.4.1	8	•
Wi-Fi	-0	192.168.4.1 192.168.4.1		
Network assistant Acceleration over multiple networks switch	and network	Q 192.168.4.1		
Available networks	Refresh			
 Omnixie_eebb0a Connected (tap to share) 	\$ >			
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Add network				
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After scanning, all nearby available Wi-Fi networks will display, click the Wi-Fi name and enter the password, then click **Save** button to save the configuration. If no nearby Wi-Fi networks are displayed, please click **Scan again** button to rescan.



After the Wi-Fi configuration is completed, the clock will reboot and connect to the Wi-Fi automatically. If the connection is successful, the Wi-Fi status indicator will light **yellow** or **green**. If Wi-Fi status indicator still red after rebooting, it indicates that the Wi-Fi password just entered is incorrect, please select again to make settings.



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- Chrono-Wood clock`s network name starts with **Omnixie** followed by 6-digit identifier.
- For more information of colors of Wi-Fi status indicator, please refer to Wi-Fi Introduction -> Wi-Fi Status Indicator.
- To reset Wi-Fi settings please refer to Setup the Chrono-Wood clock using the Omnixie Dashboard -> Advanced Setup.

Open Dashboard on Android

Please use the IR remote controller to check the Menu 14 for IP address of the clock (press FUNC key, LEFT key, LEFT key, and OK key in sequence), then input the IP address on your web browser, the Omnixie Clock Dashboard shows up.

After open Dashboard, click **menu** button, click **Tools** button, click **Add shortcut**, click **OK**, then you can open Dashboard on the phone desktop as an App





Wi-Fi Configuration with Windows



Wi-Fi Configuration with Microsoft Windows

Open the **Settings->Network & Internet->WLAN** using a computer with Windows 11 installed, then select the network **Omnixie_xxxxxx** in the **WLAN list** on the right. Waiting for the network connection, Wi-Fi configuration page will pop up automatically and start scanning available Wi-Fi networks. If the Wi-Fi configuration interface does not pop up automatically, please open any browser and enter **192.168.4.1** to open the Wi-Fi configuration interface as shown below:





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The clock's network name starts with Omnixie followed by 6-digit identifier.

Wi-Fi Connection



After the Wi-Fi configuration is completed, The clock will reboot and connect to the Wi-Fi automatically. If the connection is successful, the Wi-Fi status indicator will light **yellow** or **green**. If Wi-Fi status indicator still red after rebooting, it indicates that the Wi-Fi password just entered is incorrect, please select again to make settings.



Open Dashboard on Microsoft Windows

Open the browser, enter **omnixie.local** to open the Omnixie dashboard.

Bookmark this page or place the shortcut of this page on your desktop so that you can open it at any time.

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Setup the Chrono-Wood Clock

using the Omnixie Clock Dashboard

Omnixie Clock Dashboard

Set the Chrono-Wood clock using the Dashboard

Introduction of the Dashboard

The Dashboard is an interface for remote control and operation of the clock, it includes eight functional modules: Wi-Fi Setup, System Status, NTP Setup, General Setup, Display Setup, Set Alarms, Advanced Setup, Upgrade Firmware.

Chrono-Wood WiFi LED Clock Metrix Metri
Wifi Setup Status
12 ³ Display Image: Alarms
Advanced C Upgrade
Omnixie Website E-mail us
◎ 2010-2023 Omnixide9 好光钟 - All Rights Reserved Designed by Zeyuan Yan (China/California US)

Set Language of the Dashboard

Click the language button in the upper right corner to switch Dashboard language as shown below:

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COMNIXIE The Light Never Fades	间本中X English
Omnixie® Clock Chrono-Wood WiFi LED Clock	Dashboard
♥ WiFi 设置	🕻 系统状态
C NTP 设置	🔅 基本功能
1 ²³ 显示特效	⑦ 闹钟设置
高级设置	C 固件升级
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Wi-Fi Setup

Wi-Fi network parameter setting.

00:40 🛱	:!! ? 80	Name	Option	Description
		Device Name	The default is Omnix	ie, network name of the clock.
WiFi Set	up	SSID	The name of the cor	nected network, this is usually the SSID name of the connected router.
		Scan	Click Scan button an	d select the name in the list if you want to connect a different router.
Basic parameters setup Device Name: Omnixie		Wi-Fi Password	The password of the	network.
SSID: Omnixie_loT_2	2.4G	DHCP	Enabled	Default
Scan WiFi Password: •••••••••	•		Disabled	
DHCP: Enabled	\$			
Advanced setup Username:admin (Default	0	Username	admin, cannot be ch	anged.
Password: Confirm Password:		Password	Access password for	the Omnixie Dashboard.
Disable mD	ONS	Confirm Password	Repeat password.	
O Allow Anon	iymous rays ON	Disable mDNS	Multicast DNS. (Adv	anced network settings)
Disable Ca	ptive DNS	Allow Anonymous	(Advanced network	settings)
Save Settings	Back	SoftAP always ON	(Advanced network	settings)
		Disable Captive DNS	(Advanced network	settings)
Visit NCH™	E-mail us			
© 2010-2020 Nixie Clock Home 辉光铗; Designed by Zeyuan Yan (Chir	之家 - All Rights Reserved na/California US)			
AA omnixie.loc	al C			
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System Status

View operating parameters of the clock system.

00:41 🖴 🛛 📰 🕫 📴	Name	Description
	Version	System version
System Status	Host name	Configurable
·	IP address	Configurable
Version: v1.2.0	Gateway	Configurable
Host name: Omnixie.local IP address: 192.168.20.51	Net mask	Configurable
Gateway: 192.168.20.1 Netmask: 255.255.255.0	MAC address	Unique
MAC address: B4:8A:0A:EE:BB:0A SSID: Omnixie_IoT_2.4G(28%)	SSID	Configurable
NTP address: pool.ntp.org	Wi-Fi status	Connect status
NTP status: NTP Synchronized Last sync time: UTC 2024-02-29 16:40:29.033		
Time zone: UTC +08:00 CST Day light saving: Disabled	NTP address	Configurable
DST start: DST starts on the second Sunday March at 02:00	NTP status	Connect status
November at 02:00 System uptime: 3minutes	Last sync time	The latest time of sync with NTP
Serial number: EEBB0A	Time zone	Configurable
License status: Activated	Day light saving	Configurable
Back	DST start	Configurable
	DST end	Configurable
	System uptime	System uptime from power up
	Auto ON time	Configurable
	Auto OFF time	Configurable
	Serial number	Unique
	License status	Software license

NTP Setup

NTP parameters setting.

00:42 🛱 📰		Name	Option	Description			
			NTP Server	Default pool.ntp.org is a commonly used NTP server pool.			
	NTP Setup		Time zone	UTC+14:00 – UTC-11:00	Default UTC +08:00 CST		
			Daylight Savings	Enabled			
	NTP parameters setup		, , , , , , , , , , , , , , , , , , , ,	Disabled	Default		
	Timezone: UTC +08:00 CST	0	Week of DST Start	First Second Third Fourth	Default Second		
	Daylight Savings: Disabled	0		last			
	Week: Second	•	Day of week of DST Start	Sunday – Saturday	Default Sunday		
	Month: March	•	Month of DST Start	January – December	Default March		
	Hour(0-23): 2	•	Hour of DST Start	0 – 23	Default 2		
	Daylight Savings End Week: First	•	Week of DST End	First, Second, Third, Fourth,	Default First		
	Day of week: Sunday	•		Last			
	Month: November Hour(0-23): 2	0 0	Day of week of DST End	Sunday – Saturday	Default Sunday		
	Save Settings	Back	Month of DST End	January – December	Default November		
			Hour of DST End	0 – 23	Default 2		
	Omnixie Website	E-mail us					
	© 2010-2023 Omnixie ® 辉光钟 - All Ri Deslaned by Zevuan Yan (China/Ca	ights Reserved Ilifornia US)					
	AA omnixie.local	ъ П Щ	 Please set the according to t 	time zone correctly, the cloc JTC time.	ck will automatically convert the local date and time		
		_					

General Setup

Set the basic function parameters of the clock.

00:42 📇	:!!! 🗢 7	Name	Option	Description
		Time Format	12H HH:MM	
General	Setup		24H HH:MM:SS	Default
			12H HH:MM:SS	
Display setup	HMM-SS A	Date Format	YY-MM-DD	Default
Date Format: YY-MM	I-DD \diamond		YY-DD-MM	
Temp. Format: Celsius			DD-MM-YY	
Time Display Interval: 0	a ≎ ♦ Second		MM-DD-YY	
Date Display Interval: 0	Second	Temp Format	Celsius	Default
Brightness: Auto	\$	lemp. i office	Fabrenheit	
Language: 中文普	通话 🔷	Loading Zoro	Enabled	Default
Interval: 60 Volume: 5	♦ Minute	Leading Zero		Delault
Save Settings	Back	Time Display Interval	0 - 60 sec	Default 0 sec
-		Date Display Interval	0 - 60 sec	Default 0 sec
		Brightness	Auto	Default
Omnixie Website	E-mail us		1(Darkest)-8(Brightest)	
© 2010-2023 Omnixie® 攪 Designed by Zevuan Ya	彩钟 - All Rights Reserved an (China/California US)	Language	中文普通话(Chinese mandarin)	Default
			English	
			日本語 (Japanese)	
	e.iocal		Deutsch	
) > C		Interval	Disable	
			1.2.3.5.10.15.20.30.60 Min	Default 60 Min
		Volume	Mute	
			1(Min) – 8(Max)	Default 5

Setup the Chrono-Wood Wi-Fi Clock using the Dashboard

Display Setup

Set digits display effects.

00:42 🚔	:!!! 🗢 💶	Name	Option	Description	
		Digits Switching Effects	Normal		
Display	Setup		Scroll down	Default	
			Crossfade		
Digits animation effects	vn A		Radar scan		
Colon Blinking Effects: Scroll dov	vn 🗢		Scroll left		
Digits Font: Font 2	\$		Flip		
Save Settings	Back	Colon Blinking Effects	Normal		
	_		Scroll down	Default	
			Crossfade		
Omnixie Website	E-mail us		Radar scan		
© 2010-2023 Omnixie® 辉光 Designed by Zeyuan Yan			Scroll left		
_			Flip		
		Digits Font	Font 1		
			Font 2	Default	
			Font 3		
			Font 4		
			Font 5		
	local C				
AA OMMINIAE.					
く > (介)	<u> </u>				

Setup Alarms

Setup alarms parameters.

00:42 🛱	:!!! 🗢 7	Name	Option	Description
		Alarm 1/2/3/4 Time	Set Hour and Minute of Alarms	
Alarm Set	up	Status	Disabled	Default
			Enabled (Only working days)	
Alarm setup Alarm1 Time: 08	00 \$		Enabled (All days)	
Status: Disabled	0			
Alarm2 Time: 08 💠 : 0	00 🗢	Alarm Music	Music 1 – Music 12	Default Music 1
Status: Disabled	00	Alarm Volume	1(Min) – 8(Max)	Default 7
Status: Disabled	\$			
Alarm4 Time: 08 💠 : 0	00 🗢			
Status: Disabled	•			
Alarm sound Alarm Music: Music1	•			
Alarm Volume: 7	•			
Save Settings	Back			
Omnixie Website	E-mail us			
© 2010-2023 Omnixie® 辉光钟,/	All Rights Reserved			
Designed by Zeyuan Yan (Chin:	a/California US)			
AA omnixie.loca	al C			
< > ①	ш С	The working	g days means Monday – Friday	Ι.
		 Alarm Volur 	me is different with General Se	etup -> Volume.

Setup the Chrono-Wood Wi-Fi Clock using the Dashboard

Advanced Setup

Restore default settings.

00:43 🛱	:!!! ? 🔞	Name	Option	Description	
		Restore all	All settings includin	g Wi-Fi settings will be restored.	
Advanced	Setup	Restore Settings	All settings, except	Wi-Fi, will be restored.	
Restore default settings Restore All: All settings including restored. Restore Settings: All settings, et Restore All	g WiFi settings will be xcept WiFi, will be restored. Restore Setting:				
Omnixie Website ◎ 2010-2023 Omnixie® 释光 Designed by Zeyuan Yan r	E-mail us 幹 - All Rights Reserved (China/California US)				
AA omnixie.	local C				

Upgrade Firmware

The Chrono-Wood clock' s firmware can be upgraded via browser.

00:43 🛱		::!! <	r 79)
Firm	ware Up	grade	
Please select a firm	ware file		
Choose File	no file sele	cted	
Upload		Back	
Upgrade step:	and make ours	you coloct the p	ropor PIN
file to flash.	and make sure	you select the p	торег вля
2. Press Upload and	I wait for the fla	shing to complet	e.
During Upgrade DO Webserver. Do not tr until upload is compl	NOT USE or a urn power off/o lete and then th	ccess the Clock n or reset the clo ne clock will auto	ck. Wait reset.
Omnixie Website	e	E-mail us	
	nnixie® 辉光钟 -		
	Zeyuan Yan (Chi	na/California US)	
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		~	G
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Upgrade steps:

- 1. Click the **Choose File** button to select the upgrade file, make sure the file is the Bin file used for upgrade.
- 2. Clock the **Upload** button to start the upgrade and wait patiently for complete.

- Do NOT access the Dashboard page during the upgrade process, do NOT power off, the clock will automatically restart after the upgrade is completed.
- Wi-Fi network parameters need to reconfigure after upgrading.

Setup the Chrono-Wood with IR Remote



Basic Operations

Power On/Off

Toggle the clock on/off by pressing **POWER** button on IR remote controller.



- Press POWER button of IR remote to power off.
- Press **POWER** button again to power on.

During long periods of non-use, please disconnect the power.

Set Brightness

Brightness can be set to eight levels or automatically adjusted according to ambient light conditions.





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When brightness is set to automatic, the ambient light controls the brightness of LEDs so that the clock will not disturb your sleep at night.

Talking Clock

Internal phonetic chip can speak the clock time.



- Press **OK** button or **0-9** button to trigger talking clock.
- Set the time interval of automatic talking clock by following MENU 13.

- Talking clock can be triggered any time.
- Built-in speech system in English, Chinese Mandarin, Japanese and German. Speech system setup at MENU 12.
- Volume of talking clock is controlled by the system volume.

Set Volume

Volume of talking clock or other sound effects can be set to eight levels.





• Press LEFT/RIGHT button to set volume.

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- This volume setting is only for talking clock and sound effect during operating. The volume of alarms is independent.
- To set volume of alarms please consult MENU 11.

Display Time

• The clock will display real time after power on.

E.g.: now time is PM 09:15:30, will display:



• Time will display as shown left when time format set to 12H HH:MM.

 Time will display as shown left when time format set to 24H HH:MM:SS.

• Time will display as shown left when time format set to 12H HH:MM:SS.

9:15:30

 Time will display as shown left when Leading Zero Disabled.



- Date will display for seconds with set interval.
- To set the interval, please consult MENU 4 and MENU 5.

- To set 12/24 time format, please use MENU 1.
- To set leading zero, please use MENU 6.
- To control digital switching effect setting, please use MENU 7.
- To set colon display effect, please use MENU 8.

Set Time

Time can be set manually or synchronized from NTP server via Wi-Fi. To set time manually:

• Press **SET** button enter time setting mode, 2 digits on the right start blinking.





• Press LEFT/RIGHT button select position of setting.





• Press 0-9 button input HOUR, MINUTE or SECOND.



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• Press **OK** button to save setting, press **CANCEL** button to abort.



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- Time will display in 24 hour mode HH:MM:SS during setting mode.
- Any digits can be input during setting, but system will check if the time entry is valid when you save it. Invalid times will not be saved.

Display Date

Chrono-Wood clock can display year, month, day and Chinese lunar date.

• Press **DATE** button once to display date; press twice to display Chinese lunar date. E.g.: Now date is Dec 1, 2023, Chinese lunar date is 2023-10-20.









- Press DATE button once, display date.
- Display date 2023-12-01, shown left.
- Press DATE button twice, display Chinese lunar date 2023-10-20, shown left.
- Date format set to YY-MM-DD, shown left.
- Date format set to YY-DD-MM, shown left.
- Date format set to DD-MM-YY, shown left.
- Date format set to MM-DD-YY, shown left.

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- After 3 seconds of display date, the clock will return to time display mode.
- Date and time can be displayed alternately, please consult MENU 4 and MENU 5.
- Date format can show YY-MM-DD, YY-DD-MM, DD-MM-YY or MM-DD-YY, please consult MENU 2 to set the date format.

Set Date

Date can be set manually or synchronized by NTP server via Wi-Fi. To set date manually:

• Press **DATE** button to show the date.





• Press **SET** button to enter set date mode, 2 digits on the left start blinking.



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• Press LEFT/RIGHT button to select setting position.





• Press 0-9 button to enter YEAR, MONTH or DAY.



• Press **OK** button to save setting, press **CANCEL** to abort.



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- In setting mode, the date format always displayed as YY-MM-DD.
- Any digits can be input during setting, but system will check if the date entry is valid when you save it. Invalid dates will not be saved.
- Chinese lunar date does not need to be set; the system will calculate it automatically.

Display Alarms

The clock can support 4 alarms, each can be active in working days or every day separately.

• Press ALARM button to check alarm 1, press twice/three times/four times to check alarm 2/3/4.

E.g.: Alarm 1 set to 7:00 AM.



Press ALARM button to display alarm 1 as shown left.

1 DATE	ALARM	TEMP
$\langle \!$		
	CANCEL	

- Press **FUNC** button during display alarm to activate or disable alarm.
- A1_07:00 A1=07:00 A1=07:00
- Alarm disabled as shown left.
- Alarm activated in working days as shown left.
- Alarm activated every day as shown left.

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- The clock will return to time display mode from display alarm after 3 seconds.
- Alarm will sound for 60s.
- When the alarm sounds, you can press 0-9 button to snooze, the alarm will alarm again after 1-10 minutes (1-9 button for 1-9 minutes and 0 for 10 minutes), or press any other button to stop the alarm.

Set Alarms

 Press ALARM button to select alarm, digits on the left will show alarm number, 1 means alarm 1, 2 is alarm 2.





• Press SET button to enter alarm set mode, HOUR blinks during setting.





• Press LEFT/RIGHT button to select set position.



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• Press 0-9 button to input HOUR or MINUTE.



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• Press **OK** button to save setting, press **CANCEL** to abort.



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- Any digits can be input during setting, but system will check if the alarm time entry is valid when you save it. Invalid alarm times will not be saved.
- Consult DISPLAY ALARMS for information on how to enable/disable alarm.

System Menu

There are 15 different items in the menu for setting system parameter.



- Press **FUNC** button to enter menu.
- Press LEFT/RIGHT to select menu items.
- Press **SET** button to set current menu item.

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The clock will return to time display mode after 3 minutes if there are no menu operations.

Menu Setup

There are 15 items in the menu to set parameters.



- Press **SET** button to enter setting mode.
- Press **LEFT/RIGHT** button to change setting position.
- Press **OK** to save setting.
- Press **CANCEL** to abort.

Menu 1	Set Time Format	I.Time F.
Display	Parameter	Remarks
ISPH:W	24 hour	Default
ачьН:М:S	12 hour	
ISH:W:S		

Menu 2	Set Date Format	aDate F.
Display	Parameter	Remarks
a. Y-M-D	YY-MM-DD	Default
a. V-D-M	YY-DD-MM	
e. D-M-Y	DD-MM-YY	
e. M-D-Y	MM-DD-YY	

Menu 3	Set Temperature Unit	a.Temp F.
Display	Parameter	Remarks
Э. ^р С	°C Celsius	Default
3 . " -	°F Fahrenheit	

Menu 4		Set Interval of Time Display	4.Ti Int.
Display		Parameter	Remarks
4.	00 s	0 second	Default
Ч.		0 - 60 seconds	
Ч.	60 s	60 seconds	
Menu 5		Set Interval of Date Display	s.Da Int.
Display		Parameter	Remarks
5.	00 s	0 second	Default
5.		0 - 60 seconds	
5.	60 s	60 seconds	
Menu 6		Set Leading Zero	6Lead 0.
Display		Parameter	Remarks
6.	On	On E.g.:	Default
6.	Off	Off E.g.:	

Menu	7	Set Swi	tching Effects of the Digits	nDisp M.
Display			Parameter	Remarks
٩.	M1		Normal	
7.	M2		Scroll down	Default
٦.	M3		Crossfade	
٦.	M4		Radar scan	
٦.	M5		Scroll left	
٦.	M6		Flip	

Menu 8 Set Switching Effects of the Colon **BColo** M.

Display	Parameter	Remarks
	Normal	
a. M2 🖁	Scroll down	Default
a. M3 ^{**} **	Crossfade	
a. M4 🖁	Radar scan	
8. M5 ^{**}	Scroll left	
8. M6 **	Flip	

Menu 9	Set Fo	nt of the Digits	g.Font.
Display		Parameter	Remarks
9. F1	01	Font 1 0123456789	
9. F2		Font 2	Default 02
9. F3		Font 3 []] 23455789	
9. F4	Ø1	Font 4 8123456789	
9. F5		Font 5	

Menu 10 Set	Alarm Sound Tone	IDAl Mus.
Display	Parameter	Remarks
] No.01	
Io Musi:	No.01 to No.12	Default No.01

Menu 11 Set A	larm Volume	mAl Vol.
Display	Parameter	Remarks
	Level 1	
	Level 1(Min) to 8 (Max)	Default 7

Menu 12	Set Talking Clock Language	izLangua.
Display	Parameter	Remarks
12	Chinese Mandarin	Default
12	Erna English	
12	Japanese	
12	German	

Menu 13 Se	t Interval of Talking Clock	IITa	Int.
iviend 15 Se	it interval of faiking clock		

Display		Parameter	Remarks
13	Off	Talking clock disabled	
	min	0,1,2,3,5,10,15,20,30,60 Minutes	
Ia 60	min	60 Minutes	Default

Menu 14 Chec	k IP Address	INIP Addr
Display	Parameter	Remarks
AP Mode.	The network has not been configured yet	
IP Addr:	Show IP address of the clock	
192.168.	.020.051	e.g.: 192.168.20.51

Menu 15	Display Firmware Version	<i>sversion</i>
Display	Parameter	Remarks
v1.0	e.g.: v1.0.2 The software version ma	ay be continuously upgraded.

Cleaning

- Please power off and disconnect USB cable before cleaning.
- Do not use any cleaning agent or wet wiper.
- We suggest use soft cloth or brush to avoid scratching the housing finish.

Special Remarks

- The Chrono-Wood clock is made of natural solid wood for its casing. Natural solid wood has various textures, colors and densities. It is normal for different products to have differences in appearance.
- The clock will become warm during operation due to the internal driven circuitry. This is normal operation and no cause for concern.
- The clock uses a Type-C power interface, which is theoretically compatible with all Type-C power supply. However, to ensure safety, it is recommended to use the power adapter and cable provided with the clock.



Designer: Website: E-mail: Yan Zeyuan. China www.omnixie.com www.omnixie.cn yan@omnixie.cn