GANXIN

USER MANUAL

— 6 digits led clocks

LED

CLOCK

This user manual applies to: 1.8, 2.3, 3, 4 , 5,6,8 inch and larger 6 digits led clocks for indoor and semi-outdoor use

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User Manual

This user manual applies to: 1.8, 2.3, 3, 4 , 5,6,8 inch and larger 6digits led clocks for indoor and semi-outdoor use .

please refer to the following instruction based on the actual product,some items of the instruction may be not suitable for your purchased product.

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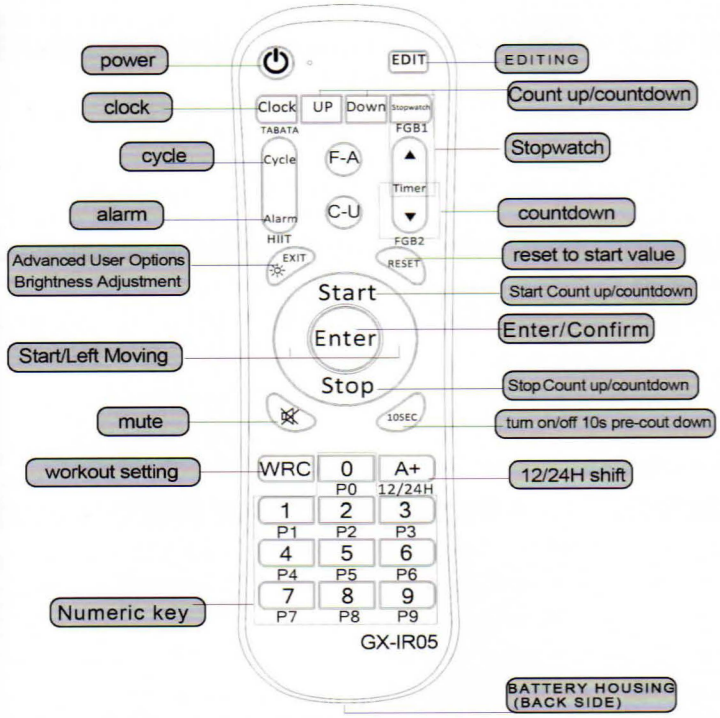
Product Specification

- Digit Height: □1.8 inch □2.3 inch □3 inch □4 inch □5 inch □6 inch □8 inch& 8inch above
- color: □red □blue □yellow □green □white
- Frame Material:Aluminum Alloy
- Remote Control Battery:2 pcs of AAA battery (Not contained in air shipment)
- Input Voltage: □ DC 5V □ DC 6V □ DC 12V □ AC110V ~260V



Attentions

- The normal working voltage for 1.8inch and smaller size, red color products is 5V DC, other colors are 6V DC ; the normal working voltage for 2.3inch and larger size is 12V DC(products with power adapter) or (some large products) with power cord for plug into power source directly (110V~260V).
- Goods will be abnormal while the voltage too low, the circuit will be ruined while the voltage too high.
- Do not clean with detergent contains corrosive or chemical composition.
- Do not make alterations, pounding, or disassemble the product to avoid any problems
- Do not place the clock in hot and humidity environment.
- Reserve the right to upgrade products or update user manual without prior notice.

LED CLOCK

Clock Mode

1.Turn on the timer and it will enter clock mode;

2.Press [EDIT], the digits start blink. Input current time for example 08:00:00; [◄] and [►] for move the cursor of the blinking digits.

3.Press [Enter] to save the data and exit editing automatically;

4. Press [A+] to switch 12/24H format if necessary.

Count up(HH:MM:SS)

1: Turn on the power and it will enter count up mode; Default format as 00:00:00;

2. Press [START] or [UP] to start count up;

3. Press [Stop] for stop; [RESET] for reset to 00:00:00;

4. If necessary, press [EDIT] to input a maximum vale for example 00:00:10, [◄] and [►] for move the cursor of the blinking digits.Press [Enter] to save the data and exit editing. Then press [START] or [UP] to start count up from 00:00:00 to 00:00:10. Then stop .

Countdown(HH:MM:SS)

1. Turn on the power and it will enter countdown mode,default to display 99:59:59;

2. Press [START] or [Down] to start countdown ;

3. Press [Stop] for pause, then press [START] or [Down] to continue; [RESET] for reset to initial time.

4. If want to start with a pre-set value,Press [EDIT] to input for example 00: 10:00 press [Enter] to save the data and exit editing ,then press [START] or [Down] to start countdown.

Count up/Countdown

Turn on the power and it will enter countdown mode (default to show 99:59:59)

A) Countdown

1. Press [Down] enter into countdown mode (or if already in countdown mode, press for start);

2. If want to start with a pre-set value,Press [EDIT] to input start time for example 00:10:00 press [Enter] save the data and exit editing ;

3. Press [START] or [Down] to start countdown;

4. Press [Stop] for stop; [RESET] for reset to initial time.

B)Count up

1. Press [UP] enters count up mode; Default format as 00:00:00;

2. Press [START] or [UP] to start count up;

3. Press [Stop] for stop; [RESET] for reset to 00:00:00;

4. If necessary, press [EDIT] to input a maximum vale for example 00:00:10, [◄] and [►] for move the cursor of the blinking digits.Press [Enter] to save the data and exit editing. Then press [START] or [UP] to start count up from 00:00:00 to 00:00:10. Then stop

Clock/Count up/Countdown

Turn on the power and it will enter clock mode

A)Clock Mode

1.Press [Clock] to enter clock mode;

2.Press [EDIT], the digits start blink. Input current time for example 08:23:21; [◄] and [►] for move the cursor of the blinking digits.

3. Press [Enter] to save the data and exit automatically;
Press [A+] to switch 12/24H format if necessary.

B) Count up

1. Press [UP] enters count up mode; Default format as 00:00:00;

2. Press [START] or [UP] to start count up;

3. Press [Stop] for stop; [RESET] for reset to 00:00:00;

4. If necessary, press [EDIT] to input a maximum vale for example 00:00:10, [◄] and [►] for move the cursor of the blinking digits.Press [Enter] to save the data and exit editing. Then press [START] or [UP] to start count up from 00:00:00 to 00:00:10. Then stop .

C)Countdown

1. Press [Down] enter into countdown mode (or if already in countdown mode, press for start);

2. If want to start with a pre-set value,Press [EDIT] to input start time for example 00:10:00 press [Enter] save the data and exit editing ;

3. Press [START] or [Down] to start countdown;

4. Press [Stop] for stop; [RESET] for reset to initial time.

Stopwatch count up

1. Turn on the power and it will enter stopwatch mode;
2. Press [Stopwatch] to start count up;
3. Press [Stop] for stop; [RESET] for reset to 00:00:00;

Stopwatch countdown

1.Turn on the power and it will enter stopwatch mode,default to show 99:59:99

2.Press [START] or [Timer] to start

Press [Stop] for stop; [RESET] for reset to initial value;

3.If necessary, press [EDIT] to input terminal time for example 00:10:00 , press [Enter] to save the data and exit editing.

Clock/Stopwatch

Turn on the power and it will enter clock mode

A) Clock Mode

1.Press [Clock] enters clock mode;

2. Press [EDIT] , the digits start blink. Input current time for example 08:23:14;

3. Press [Enter] to save the data and exit automatically;

Press [A+] to switch 12/24H format if necessary.

B) Stopwatch

①countdown stopwatch

1.Press [Timer] enter into countdown mode, ;

2.Press [START] or [Timer] to start

Press [Stop] for stop; [RESET] for reset to initial value;

3.If necessary, press [EDIT] to input terminal time for example 00:10:00 , press [Enter] to save the data and exit editing.

②count up stopwatch

1. Press [Stopwatch] enters count up mode; Default format as 00:00:00;

2. Press [START] or [Stopwatch] to start count up;
3. Press [Stop] for stop; [RESET] for reset to 00:00:00;

Clock/Count up/Countdown/Stopwatch

Turn on the power and it will enter clock mode

A)Clock Mode

1.Press [Clock] to enter clock mode;

2.Press [EDIT] , the digits start blink. Input current time for example 08:23:21; [◄] and [►] for move the cursor of the blinking digits.

3. Press [Enter] to save the data and exit automatically;

Press [A+] to switch 12/24H format if necessary.

B) Count up

1. Press [UP] enters count up mode; Default format as 00:00:00;
2. Press [START] or [UP] to start count up;
3. Press [Stop] for stop; [RESET] for reset to 00:00:00;
4. If necessary, press [EDIT] to input a maximum vale for example 00:00:10, [◄] and [►] for move the cursor of the blinking digits.Press [Enter] to save the data and exit editing. Then press [START] or [UP] to start count up from 00:00:00 to 00:00:10.

C)Countdown

1. Press [Down] enter into countdown mode (or if already in countdown mode, press for start);
2. If want to start with a pre-set value,Press [EDIT] to input start time for example 00:10:00 press [Enter] save the data and exit editing ;
3. Press [START] or [Down] to start countdown;
4. Press [Stop] for stop; [RESET] for reset to initial time.

D)Stopwatch

①countdown stopwatch

1.Press [Timer] enter into countdown mode, ;

2.Press [START] or [Timer] to start

Press [Stop] for stop; [RESET] for reset to initial value;

3.If necessary, press [EDIT] to input terminal time for example 00:10:00, press [Enter] to save the data and exit editing.。

②count up stopwatch

1. Press [Stopwatch] enters count up mode; Default format as 00:00:00;
2. Press [START] or [Stopwatch] to start count up;
3. Press [Stop] for stop; [RESET] for reset to 00:00:00;

Clock/Date (Time/date alternate display)

1.Press [EDIT] to input current time for example 08:23:30. Press [◄] or [►] to move to the digit you want to edit;

2.Press [Enter] to save the data and enter date editing. Input current date for example 07 23.Press [◄] or [►] to move to the digit you want to edit;

3.Press [Enter] to save the data and the screen displays e.g. "1- 05". "05" means display TIME for 5 seconds, then switch to DATE display . display interval editable ,input for example " 03" ,means display interval= 3 seconds ;

4.Press [Enter] to save the data and enter into Time and date format setting , displays 2- AB , A =0 (24H), A=1(12H) ; B=0 (MM-DD),B=1 (DD-MM) .

5.Press [Enter] , save the data and exit editing automatically;

Press [A+] to switch 12/24H format if necessary;

Pre-set time for Automatic Turn ON/OFFthe clock

For active this mode,first should enter Advanced User Options, steps as follows:

Press [⏻] turn off the display, then Press [EXIT] to enter Advanced User Options set up. The screen displays as '7-AB', no need for editing ,Press [Enter] directly ,now screen shows "8-AB", the last two digits can be set as "51", the screen now shows 8-51, press [Enter] for confirm,the screen shows "9-AB",no editing,press [Enter] directly .

Automatic Turn On/off clock time setting :

1. Press [⏻] to turn off the display,
2. Press [▲ Timer] enters automatic power on setup. Input time like 07:00;
3.Press [Enter] to confirm and exit.
4. Press [Timer ▼] enters automatic power off setup.Input time like 22:30;
5. Press [Enter] to confirm and exit;

* Alarm Clock setup （Only available for products with buzzers）

For active this mode,first should enter Advanced User Options, steps as follows:

Press [⏻] turn off the display, then Press [EXIT] to enter Advanced User Options set up. The screen displays as '7-AB', no need for editing ,Press [Enter] directly ,now screen shows "8-AB", the last two digits can be set as "52", the screen now shows 8-52, press [Enter] for confirm,the screen shows "9-AB",no editing,press [Enter] directly .

1. Press [⏻] to turn off the display;
2. Press [Cycle] enters Alarm 1 setup. Input time like 07:00;
3. Press [Enter] to save and exit;
4. Press [Alarm] enters Alarm 2 setup. Input time like 07:30;
5. Press [Enter] to save and exit.

INSTALLATION DIAGRAM

SAFETY CAUTION

Warning	This means dangers leading to death or serious injury.	Banning	It means which is prohibited to do.
Attention	This means dangers leading to physical harm or material damage.	Enforcement	It means which is enforced.

It is recommended to remove batteries from remote control in case it will not be in use for a long term. Long term stand-by may result in to batteries and remote control damages.

Some items (or parts of them) might be swelly took out from the package due to the long stay in their sealed package. It has to be considered normal and the smell will fade by keeping the same products exposed to the air. Do not use harsh soaps or aggressive cleaning products to wash the products: they may result in to products damages and warranty void.

Operation Temp: From -20 ℃ up to +55 ℃. The use of the timer out of such temp range, will result in to a warranty void.

This is a product thought, developed and manufactured for training purposes. Its international licensers assume no liability or responsibility for accidents or injury to person or property that may result from improper use of this product.Always issue common sense when using a training tool: it will avoid any risks to injury yourself, other persons around you, animals, objects and properties.

故障排除

谢谢您购买我司产品，收到货物请检查配件是否齐全

收到货物请检查配件是否齐全。

包装内包括：LED计时器（计数器），遥控器，挂钩，适配器（电源线），说明书

注意事项：

1.使用前请先检查适配器是否符合该产品的电压，如不符请联系我们

2.遥控器需放入两个7号（AAA）电池，我司根据运输方式给予（如空运货物等应运输条例规定则不配给），并确保电池被准确放置在遥控器中。

3.如包装内有少配件等情况请及时联系我们。

4.请确认收到货物时包装完好，如因运输问题造成盒内产品及配件损毁请及时联系派件公司并与我们联系。

故障：

1.插电后，计时器不亮

A).确认适配器是否正确插入电源插座，并检查绿色指示灯是否亮起，如果不亮，说明适配器故障。

B).确认是否是MCU(即程序芯片）松动。断电后，拿螺丝刀等工具，起开螺丝，打开端盖，可取出线路板，找到MCU（如图）查看是否松动，如松动，轻轻按压至芯片固定即可。*注意：如芯片整个脱落，请注意插入方向，插反会导致线路板烧毁。（MCU、线路板上各有一个半圆记号，需在同一方向，如有疑问，请联系我们解决。）

上述操作后如未能解决问题，请直接联系客服。

8.插电后，计时器亮起，遇控没有响应

A.检查电池是否正确放置。

B.确保遇控器对准计时器，或者IR感应头操作。（感应头如左图）

9.遇控器可控制计时器，但不灵敏

检查电池是否耗尽，控制距离是否太远以及控制角度是否太宽。

10.只有部分灯管亮起

可能是虚焊造成的，可联系客服解决。

11.灯管颜色不符或者亮度显示有问题

虚焊或者短路，可联系客服解决。

12.一个或多个数字不亮

可能是芯片故障造成，可联系客服解决。

13.蜂鸣器一直响

断电后再上电，如未解决，可联系客服解决。

TROUBLE SHOOTING

Thanks for purchasing of our products.In this document,we will provide a few ways for the possible problems of the products if any.

Before you plug in this product,make sure you have the correct power supply(AC-DC power adapter to power up the timer) or power cord to plug into power socket directly ,1×remote control,2×brackets and a user manual .

IMPORTANT:

1.If it is not the correct DC power adapter,please contact us immediately.

2.Remote control needs one piece of 2 pcs of AAA battery to power up,it is not included ,because the couriers do not allow the battery contains in air shipping package;And make sure the batteries are put in remote control in a correct way!

3.If there is any difference or lack of those above listed accessories (adapter-if have ,remote control&brackets) please contact us immediately.

4.If the package is damaged and the timer or its accessories damaged ,make a complaint to the courier and send us an email immediately.

Here following are possible problems when you receive the timer:

1.When plug the timer,it does not light up;

A .Check if the power adapter is plugged in right and if the small green bulb can light up,if not,the power adapter may has problem.

B.The problem can also be possible caused during the shipping and have the MCU(a programmable chip)got loose.You can use a screw-driver to open the timer and press in tight,please refer to the following picture .(very import if you once take the chip out , pls plug it back the same side as original ,otherwise the PCB borad will be ruined.)

If it is still not work after you press the MCU tight ,you can take a clear picture of the timer back and send email to the sales .Our technician will find out the problem.

2.When plug in the timer , it lights up but does not respond to remote control;

A.Check if the batteries are put in a right way.

B.Make sure you are pointing at the timer ,or the IR signal receiver ,showing in the following picture.

3.The timer does not respond the remote control very well;

Check if the battery runs out or if the distance is a litte bit far from the timer , or if the angle is too wide to receive the IR signal .

4.Only part of the timer can light up ;

This problem can be caused by insufficient soldering,defective seven segments,burnt chips or resistors,So, you need to use a screwdriver to take the inner board out of the housing and take a clear backside picture send to digital-timer@gxleds.net or the sales you contact with and we can have our technician to check the problem.

5.Character color does not match or even not in brightness;

This could be a defective condition.Need to contact us at digital-timer@gxleds.net or the sales you contact with about this issue.

6.One or more than one section of a character does not light up;

Problem should be caused by defective chip.Need to contact us at digital-timer@gxleds.net or the sales you contact with .

7.Buzzer beeps all the time ;

Unplug and plug in it , see if it still beeps . If still does ,digital-timer@gxleds.net or the sales you contact with .