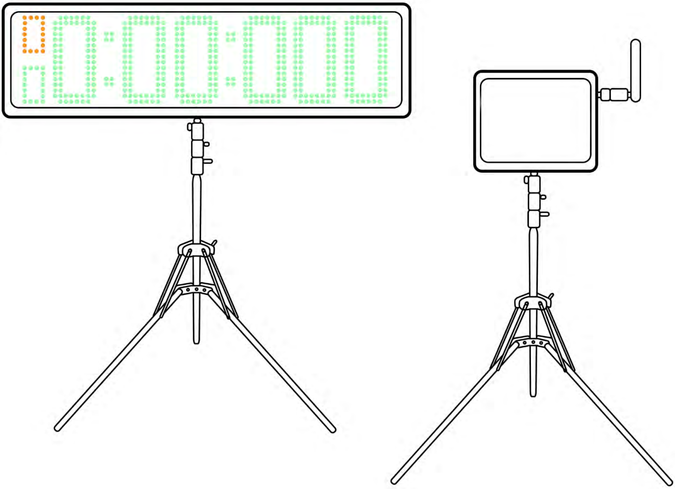
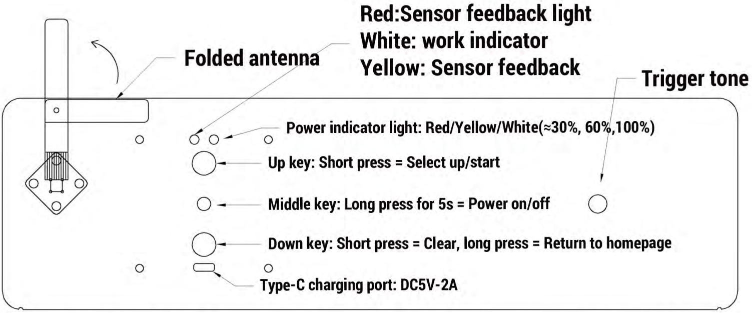
LASER TIMER

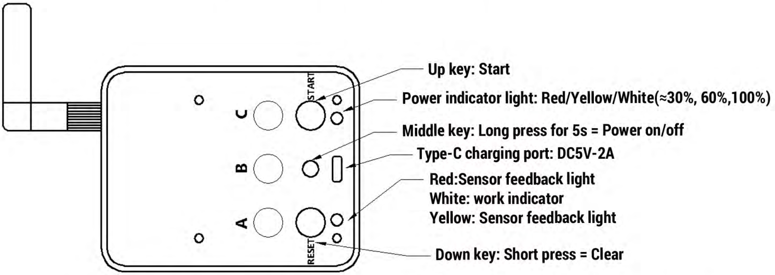


01 INSTRUCTION FOR USE


Red:Sensor feedback light
White: work indicator
Yellow: Sensor feedback
Folded antenna
Trigger tone
Power indicator light: Red/Yellow/White(≈30%, 60%,100%)
Up key: Short press = Select up/start
Middle key: Long press for 5s = Power on/off
Down key: Short press = Clear, long press = Return to homepage
Type-C charging port: DC5V-2A

* Pressing the up/down key at the same time will force shutdown (unable to save results)

1-1. Host Button Diagram


Up key: Start
Power indicator light: Red/Yellow/White(≈30%, 60%,100%)
Middle key: Long press for 5s = Power on/off
Type-C charging port: DC5V-2A
Red:Sensor feedback light
White: work indicator
Yellow: Sensor feedback light
Down key: Short press = Clear
START
C
B
A
RESET

* Different batches and models of buttons may be adjusted, please refer to the actual

1-2. Auxiliary Button Diagram

* Note: For both the host and the auxiliary, please use a standard 5V adapter, do not use any fast charger.

1. Product Parameters

Product Name: Laser Timer

Display: 3 inch LED dot matrix screen

Timing Accuracy: 1ms/0.001s

Battery Life: Host--Green screen about 10 hours under full charge, red screen about 8 hours. Auxiliary--About 24 hours on full charge.

Power Port: TYPE-C port

Supply Voltage: DC 5V/2A (please do not use any fast charger)

Host/Auxiliary Machine Wireless Sensing Distance: About 100 meters in open area.

2. Button Function

Up key: In normal mode, short press to start timing. When the multi-score timing mode stops, short press to review the score. *Pressing the up/down key at the same time will force shutdown (unable to save results).*

Middle key: Long press 5s to turn on/off: "CLOSK OK" appears on the host machine/long "beep" sound appears on the auxiliary machine to complete the shutdown.

When selecting a mode, a short press will enter that mode.

Down key: In normal mode, short press to clear. Long press to exit to the mode interface. *Pressing the up/down key at the same time will force shutdown (unable to save results).*

3. Procedure of Use

1. Attach the device and the reflective whiteboard to the stand (we offer small stands and adjustable height stands that you can choose to use according to your needs) .

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2. Place the reflective whiteboard opposite the laser timer (Tip: laser dot may be difficult to see when used outside. You can have someone stand at the position where the reflective whiteboard is placed, shine the laser on this person, find the laser dot, and then out the reflective whiteboard and adjust it slowly. This is the experience we have gained from practice, and we hope it will be helpful to you).

3. Turn on the device and select the desired working mode.

4. Host Specification

1. When selecting a mode, a short press on middle key will enter that mode. After finishing the timing, a long press on down key to return to the mode selection interface.

MODE 01: Normal mode, used for point A to point B (if your starting point and end point are the same, the host is enough). The red number in the upper left represents the hour, and the green number in the lower left represents the tens place of minute.

MODE 02: Single person multi-cycle mode, after entering, the screen displays "M2 SC 00", press the up/down key to set the total number of cycles, up to 99 cycles.

After finishing the timing, a short press on up key to review the score, the down key to clear, you can start again.

MODE 03: Multiple people single cycle mode, after entering, the screen displays "M3 SP 00", press the up/down key to set the total number of people, up to 99.

Runners need to start in sequence at intervals of more than 3 seconds and return/sprint in this order (the machine cannot detect simultaneous starts).

After finishing the timing, a short press on up key to review the score, the down key to clear, you can start again.

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MODE 04~06: Reservation mode.

MODE 07: Multistage mode (Multiple auxiliary machines are needed, normally, you do not need to perform this mode).

2. When selecting a set, a short press on middle key will enter that set. After finishing the setting, a short press on middle key to return to the set selection interface.

SET 00: Shield a time range, after entering, the screen displays"S0 00.00", press the up/down key to set the time range, with a maximum of 60s. Within this range, only the first time trigger is valid.

SET 01: Prompt tone setting, press the up/down key to select "on" or "off".

SET 02: Communication frequency band, RF5-RF6-RF7-RF8 is available, the default frequency band is RF8. If there is the same product nearby or if it is interfered by other devices during use, please change the communication frequency band by yourself.

SET 03: Reservation mode.

SET 04: Used to pair with the auxiliary machine (This product is automatically paired when shipped, normally, you do not need to perform this setting).

SET 05: Home Setting, used for directly jump to a certain setting after startup. After entering, the screen displays"S5 MC 1", press the up key to select number, avoiding the need to reselect after each startup.

For example, if you want the page to automatically jump to MODE 03 after starting up, press the up key, select "3" and save.

NOTE: All "SET" modes can be effectively saved only after normal shutdown, forced shutdown cannot be saved. (That is, every time you modify the SET options, long press the middle key for 5s to shut down and save once).

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5. Auxiliary Specification

Trigger delay setting (That is, only the first trigger within the set time takes effect, and can be triggered again after the set time expires):

1. Reduce delay: Hold down the B key, press the A key once, reduce 1 second (system default 2 seconds).
2. Increase delay: Hold down the B key, press the C key once, increase 1 second (system default 2 seconds).

Pairing setting (This product is automatically paired when shipped, normally, you do not need to perform this setting):

1. Press the middle key to enter the "SET 02" interface of the host, select a frequency band (RF1-RF8), and press the middle key to exit.
2. Continue to press the middle key to enter the "SET 04" interface of the host, select a number (SN 1-SN 8), stay on this interface.
3. Turn on the auxiliary machine, then press the up key of the auxiliary machine, if the pairing is successful, the auxiliary machine buzzer will ring several times and then stop.
4. Both the host and auxiliary perform the shutdown action. Long press the middle key to shut down, at which time the device will save the pairing parameters just set.

Note: The hexagon-shaped socket at the back of the auxiliary machine can be used to connect the sound. This function is used to broadcast the order instructions.

6. Warning

1. Applicable ambient temperature: -4℉ to 113℉
2. Do not place the machine in a scorching or rainy environment.
3. Do not drop the machine or throw it from a high place.
4. Please do not bend the tripod.
5. Please use a standard 5V adapter, do not use any fast charger.

7. Repair Service

All products have been checked and packaged in good condition before shipping.

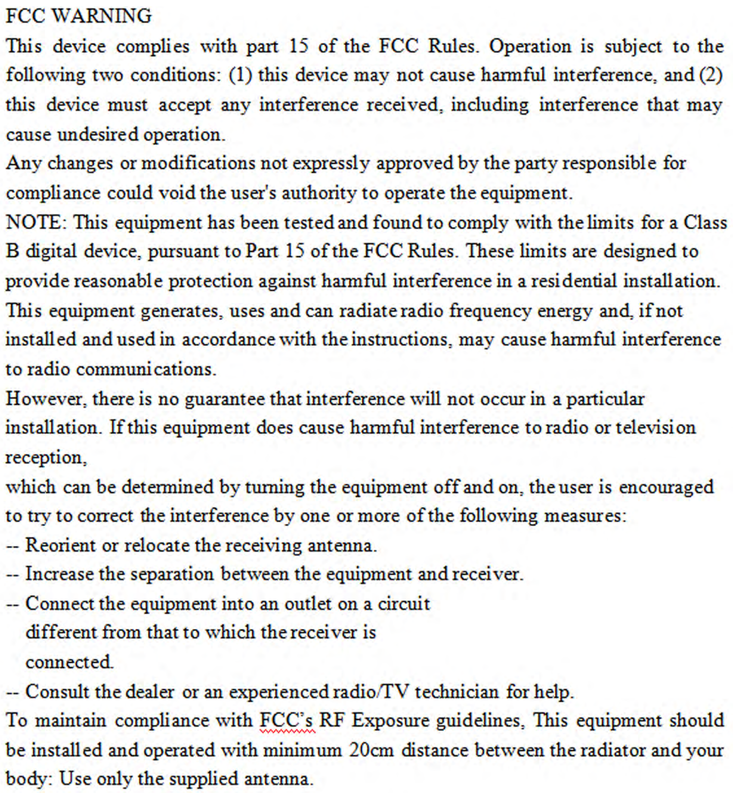
Our laser timers to be free of defects in material or workmanship for a repaired of one year after purchase. During the warranty period, the defective product will be repaired or replaced without charge, or at our option, the purchase price will be refunded.

If you have any questions, please feel free to contact us. We will try our best to give you a satisfactory solution.

THANK YOU FOR YOUR CHOICE !

Please contact us if you have questions

07 INSTRUCTION FOR USE



FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception,

which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.