Timer Remote Control

有綫定時快門綫
TC-252

Product Manual
使用手册

En

中文

Contents

En

This manual is current update of 1st Mar, 2012. Please contact to PIXEL distributor for further information, if interesting of the combining usage with products released after this day.

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Overview

📷 Thank you for purchasing high-performance PIXEL products

First of all, thank you for purchasing product of PIXEL. TC-252 is a high quality wired timer remote control with the function of single shooting, continuous shooting per second,[BULB]shooting, user-defined time-delay and timing plan for shooting. Low consumption of LCD display will make you be clear at a glance of the using status and using plan.

Before use this product, you must read and fully understand this manual, then learn to use the camera to ensure you are familiar with the operation properly. Through this manual you can easily handle the operation method and the attentive things.

Cautions

⚠ The batteries should not install anti-polarity; Otherwise the batteries may leak corrosive liquids, heat or explosion.
⚠ Make sure the camera and TC-252 are powered off before install it.
⚠ When connected the remote cable with the device, do not pull the wires.
⚠ As this is an electronic product accessory; some of the environment causes may affect the working. However this is hardly ever to get this situation.
⚠ This product can't be strong vibration, or may lead to product failure.
⚠ For a long time non-use, please remove the battery to prevent leakage of corrosive liquids and damage the product.
⚠ Do not put it in high temperature, such as a closed car under direct sunlight, the control panel and other high-temperature areas.
⚠ Keep dry, don't use wet hand contact with the product, it must not be immersed in water or exposed to rain, and this may lead to not work properly.
⚠ Do not use flammable and explosive gases in violation of this warning may cause an explosion or fire.
⚠ Because this product include battery, regarding how to use battery, please operate it strictly according to related rules, otherwise it may cause explosion, fire or physical injury.

TC-252 introduction

- LCD display shows the channel, power, function mode. It's easy to understand and operate.
- Low power consumption when standby; standby time more than 3 years using 2pcs AAA batteries.
- Support single shooting, continuous shooting within one second, [BULB] shooting and user-defined delay and timing plan shooting.
- The device support to control different brand or style of cameras by using different shutter connect cable.
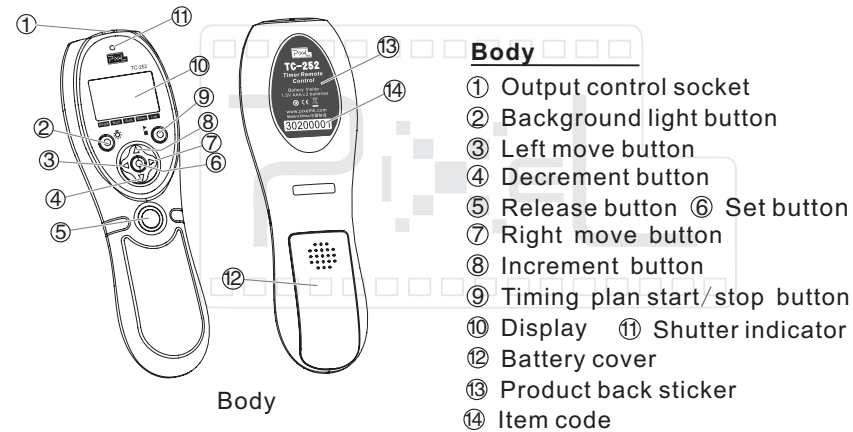
Please check all included items after open the packing, if missing, please contact to dealer.

1. Timer remote control TC-252 -------1pc   2. Shutter connect cable ----- 1pc
3. AAA battery --------------------------- 2pcs 4、Manual(this manual) ------ 1pc
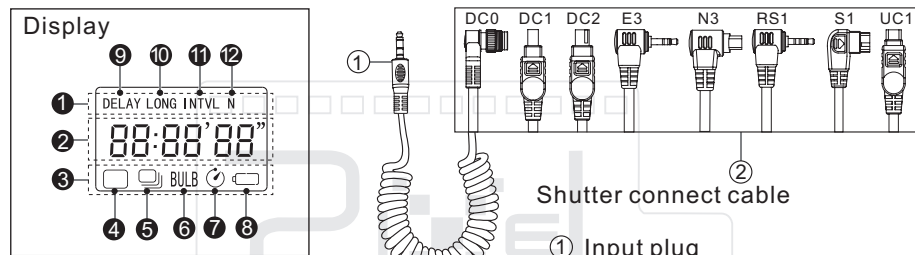
The name of each part

Here are the names of each part:

Body

Body

① Output control socket
② Background light button
③ Left move button
④ Decrement button
⑤ Release button ⑥ Set button
⑦ Right move button
⑧ Increment button
⑨ Timing plan start／stop button
⑩ Display   ⑪ Shutter indicator
⑫ Battery cover
⑬ Product back sticker
⑭ Item code

The name of each part

Display

DC0 DC1 DC2 E3 N3 RS1 S1 UC1

① Input plug

② Shutter connect plug

Shutter connect cable

Display

❶ Timing plan function area
❸ Function area
❺ Continuous shooting within one second icon
❼ Delay shooting icon
❾ The icon of delay time
⓫ The icon of interval time

❷ Time display area
❹ Single shooting icon
❻ [BULB]shooting icon
❽ Low battery voltage icon
❿ The icon of exposure time
⓬ The icon of timing shots

Preparation for installation and use

Before use, you should read the user manual of your camera carefully; understand the manipulation and functional setting. The function setting of camera may influence the efficiency control of the camera.

✍ Install and replace the battery

The low battery voltage icon[▭] will twinkle or the character become dim obvious when the power is not enough, that means the low battery voltage has already influence the normal work of the device, which needs to replace the battery in time. The timer remote control uses 2pcs of AAA batteries; Please follow the steps to replace the battery if needed.
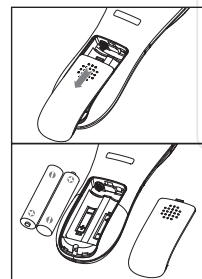
1. Slide and open the battery cover.

2. According to the signs of positive [+] and negative [-] in the battery compartment to install the battery correctly.

⚠ You should pay attention to the polarity of battery because of the wrong installation will make the device work abnormally, or even physical injury.

3. Close the battery cover.

Preparation for installation and use

Connection with the camera

1. First, fix the camera on the tripod or other fixed bracket.
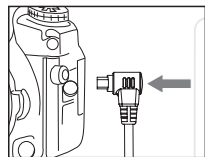
2. Open protective cover of external shutter socket and put the shutter plug of shutter connect cable in place, then make sure it has been fixed firmly.

- For most of camera shutter socket, there is mis-plug interface, please note insert direction so as to avoid damage to shutter socket.
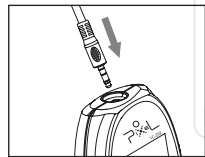
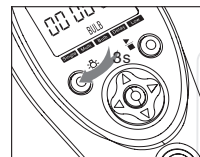3. Insert the input plug of shutter connect cable into the output control socket of TC-252.

- The timer remote control will not be able to control the camera if the shutter connect cable hasn't insert correctly.

4. Open the camera power.

Preparation for installation and use

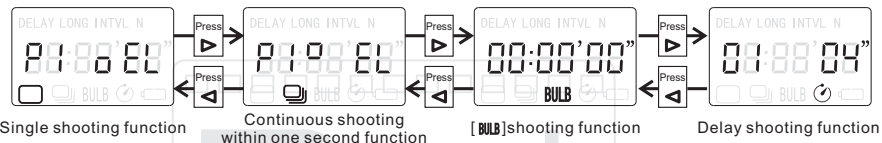## Open the background light of display

Press and hold the background light button for 3 seconds, the background light will be turned on.

- Open the background light and press the button twice each 6 seconds, the background light will keep lit.
- The background light will not be close by hand; it will turn off after 6 seconds automatically without any operation.

Sketch map for selecting function mode:

Single shooting function   Continuous shooting within one second function   [BULB]shooting function   Delay shooting function

The instruction is under the premise that the timer remote control and camera have been connected tightly, and turned on the power of camera and timer remote control. The detail instruction of remote shooting will be showing as follow.

☑ Single shooting

1. In the power-on state, set the single shooting icon [▢] as the function one by pressing the left move button[◁]or right move button[▷].

- In the sleeping state, press any key to wake up timer remote control to enter single shooting mode.
- In the sleeping state, it can focus and shot under the single mode without wake up.

● Part of the cameras can't support to wake up the external shutter, it's unable to wake up the external shutter and take photo when the camera is dormant.
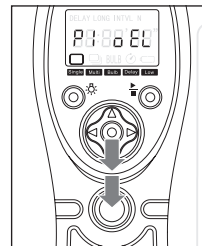
2. Half-press the release button, the green light lit, and the camera is in the focusing state until the release or full-press the button.

3. Full-press the release button, red light will light for a while, the camera start shooting.

- Make sure to set the camera function to be [▢].
- When the camera function is set to be[▢], it may cause continuous shooting.
- When the camera function is set to be[BULB],the camera will shoot based on[BULB]mode, it may cause underexposure or overexposure.
- When the camera function is set to be [⟳], the camera will execute delay shooting.

☑ Continuous shooting within one second

1. In the power-on state, move the activities icon to continuous shooting within

one second icon[🖵]as the function one by pressing the left move button[◁]or right move button[▷].

- Continuous shooting within one second is one patent function which issued by Pixel limited Enterprise, it'll support spacing continuous shooting within one second and never change the single shot mode of the camera.
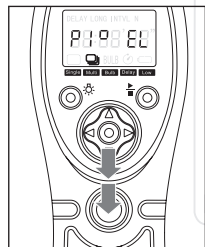
2. Half-press the release button, the green light lit, and the camera is in the focusing state until release or full-press the button.

3. Full-press the release button, red indicator will be light, keep fully press the button, the indicator will flash red and green in turn. The shooting speed will be one photo per second.

4. Release the release button, the camera will stop shooting.

- Make sure to set the camera function to be [☐].
- When the camera function is set to be [🖵], it may cause continuous shooting.
- When the camera function is set to be [BULB],the camera will shoot based on [BULB] function,

it may cause underexposure or overexposure.

- When the camera function is set to be[⏲], the camera will execute delay shooting.

✎ [BULB]shooting

1. In the power-on state, move the activities icon to [BULB] shooting icon[BULB] by pressing the left move button[◁]or right move button[▷].

2. Half-press the release button, the green light lit, and the camera is in the focusing state until the release or full-press the button.

3. Full-press the release button, the red light starts flashing and start timing, the timer remote control continuous output shooting signal, the red light keep flashing. Camera enter into [BULB] shooting.

4. Press the release button again, timer remote control will stop output shooting signals, camera stop [BULB] shoot.

- The differences between[▣ᵢ]mode and[BULB]mode are as follow: [▣ᵢ]function is the release button is pressed fully and keep on, shoot every second and stop shooting until the release button is released. While[BULB] function is the camera will start shooting when the release button is pressed fully until press it again, the shooting will stop.
- Make sure to set the camera function to be [BULB].
- When the camera function is set to be [▢], the camera only shoot once but not[BULB] shooting.
- When the camera function is set to be [▣ᵢ],the camera will be continuous shooting.
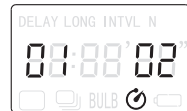- When the camera function is set to be [⏲], the camera will be delay shooting once.
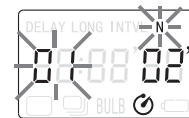
🎞 Delay shooting

The delay shooting function of TC-252 can user-defined the delay time and shots.
◈ Delay shooting setting

DELAY LONG INTVL N
01:88'02"
▣ᵢ BULB ⏲

1. In the power-on state, move the activities icon to delay shooting icon[⏲] by pressing the left move button[◁]or right move button[▷]. Press the set button entering the

DELAY LONG INTVL N
01:08 02"
BULB ⏲

DELAY LONG INTVL N
05:88 02"
▣ᵢ BULB ⏲

delay setting for adjusts the shooting numbers. Then the numbers of shooting icon [N],number of shooting [01]will blink at the same time.

2. Press button[△]settings shot number can be increased, press button [▽], settings shot number can be reduced. It can be set between 1 to 99 sheets .

3.   Press button[▷]enter into the delay setting of delay shooting. The delay shooting time icon[DELAY], delay shooting time[02]will blink at the same time.

4.   Press the button[△], set the delay time increased, press button[▽], set the delay time reduced. It can be set between 1 to 59 seconds.

5.   After set up the new parameters, press the set button, save and exit settings.

- When enter to the delay shooting set, timer remote control will save the previous setting.
- By pressing the left button[◁]or right button[▷], convert shooting numbers and delay time settings.
- Gently press button[△]once to set numerical increased, hold it on, set the value rapidly increased; Press the button[▽]once to set the numerical reduced, hold on to set the values rapidly reduced.

Shooting control

◈ Operate the delay shooting
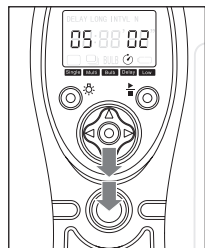
1. Press the left button[◁]or right button[▷], move the activity icon to the delay shooting icon[⊘].

2. Half-press the release button, the green light lit, and the camera is in the focusing state until the release or full-press the button.

3. Full-press the release button, timer remote control start to delay countdown, red indicator blink quickly and enter to the delay shooting mode.

4. When countdown is completed, timer remote control will follow the setting shots output a signal per second to control shooting.

- When running the delay shooting, press the launch button again, the delay shooting will stop.
- Make sure to set the camera function to be [▭].
- When the camera function is set to be [▢], it will start continuous shooting.
- When the camera function is set to be [BULB],the camera will shoot based on [BULB] function, it may cause underexposure or overexposure.

Shooting control

- When the camera function is set to be [⊘], the camera will perform one or more delay shooting.
- When the camera lens focus function is set to be [M],the camera will not execute focusing action if half-press the release button of the timer remote control.
- When the camera lens focus function is set to be [A], even receiving the shooting signal the camera will not shoot at the moment when most of camera don't seize focus.

✎ Timing plan for shooting

◈ Delay time setting

1. In the power-on state, move the functional activities icon to the delay timing program icon[DELAY]by pressing the left move button[◁]or right move button[▷].
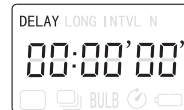
2. Press the set button, enter the delay time for 'second bit' setting.

3. By pressing button[◁]or[▷],enter into the setting for "minutes" and "hours", "exposure time", "interval time","shots number" as the sketch map.

The shot number of timing plan setting — Press ▷ / Press ◁ — DELAY LONG INTVL N 00:00'05" BULB — Delay time of timing plan--hours setting — Press ▷ / Press ◁ — DELAY LONG INTVL N 00:00'05" BULB — Delay time of timing plan--minutes setting — Press ▷ / Press ◁ — DELAY LONG INTVL N 00:00'05" BULB — Delay time of timing plan--seconds setting — Press ▷ / Press ◁ — Exposure time of timing plan setting

- Gently press button[△]once to set numerical increased, hold it on, set the value rapidly increased; Press the button[▽]once to set the numerical reduced, hold on to set the values rapidly reduced.

4. Press the set button, save and exit settings.

◈ Exposure time setting
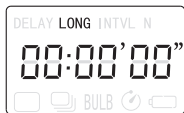
DELAY LONG INTVL N
00:00'00"
BULB

1. Press left move button[◁]or right move button[▷], move timer remote control's activities icon to the exposure timing program icon[LONG].

2. Press the set button, enter the exposure time for "second bit" setting.

3. By pressing button[◁]or[▷],enter into the setting for "minutes" and "hours",

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"delay time", "interval time","shots number" as the sketch map.

Delay time of timing plan setting — Press ▷ / Press ◁ — DELAY LONG INTVL N 00:00'01" BULB — Exposure time of timing plan--hours setting — Press ▷ / Press ◁ — DELAY LONG INTVL N 00:00'01" BULB — Exposure time of timing plan--minutes setting — Press ▷ / Press ◁ — DELAY LONG INTVL N 00:00'0" BULB — Exposure time of timing plan--seconds setting — Press ▷ / Press ◁ — Interval time of timing plan setting

- Gently press button[△]once to set numerical increased, hold it on, set the value rapidly increased; Press the button[▽]once to set the numerical reduced, hold on to set the values rapidly reduced.

4. Press the set button, save and exit settings.

◈ Interval time setting
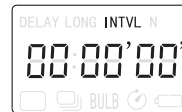
DELAY LONG INTVL N
00:00'00"
BULB

1. Press left move button[◁]or right move button[▷], move timer remote control's activities icon to the interval timing program icon[INTVL].

2. Press the set button, enter the interval time for "second bit" setting.

3. By pressing button[◁]or[▷],enter into the setting for "minutes" and "hours", "delay time", "exposure time","shots number" as the sketch map.

| Exposure time of timing plan setting | Interval time of timing plan--hours setting | Interval time of timing plan--minutes setting | Interval time of timing plan--second setting | The shot number of timing plan setting |

● Gently press button[△]once to set numerical increased, hold it on, set the value rapidly increased; Press the button[▽]once to set the numerical reduced, hold on to set the values rapidly reduced.
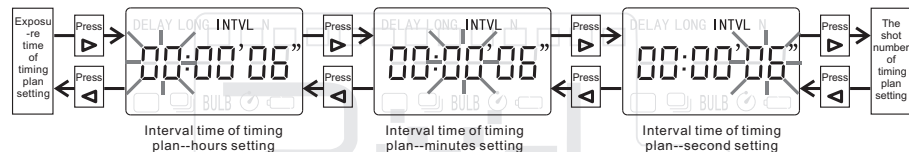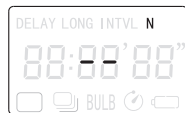
4. Press the set button, save and exit settings.

◈ The shot number setting

1. Press left move button[◁]or right move button[▷], move timer remote control's activities icon to the icon of timing shots [N].

2. Press the set button, entering to set the number plan to shot. Press button [△]setting shot number can be increased, press button [▽], settings shot number can be decreased. It can be set between 1 to 99 sheets.

3. By pressing button[◁]or[▷],enter into the setting for "delay time" and "exposure time", "interval time" as the shown picture.

| Interval time of timing plan setting | | Delay time of timing plan setting |

4. Press the set button, save and exit settings.

◈ Search the timing plan

1. Press left move button[◁]or right move button[▷],move timer remote control's activities icon to the timing plan icon which can check the related timing project.

2. When check the related projects, if need adjust the parameters, only press the set button to enter the relevant project settings, press the set button again to exit and save your setting. Sequence to move the icons showed as below.
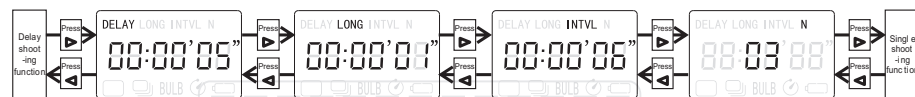
Shooting control

◈ Execute timing plan

1. Press the left move button[◁]or right move button[▷], move to any icon among the timing plan shooting area.
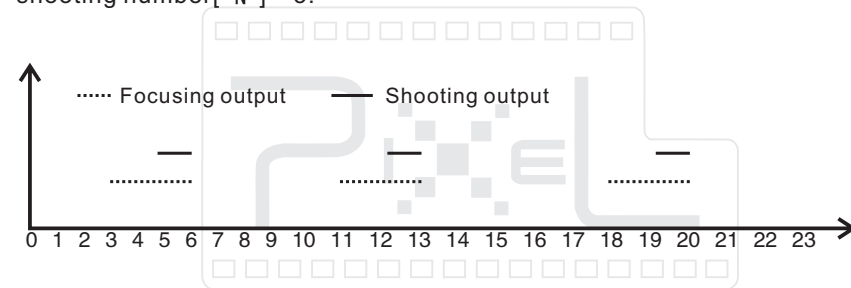

2. Press the timing start/stop button[▷], the timer remote control will execute timing plan, indicator flash red once and task start executing.

● Press the timing plan start/stop button[▷] of timer remote control before the timing plan executing completely, the timer remote control will stop regularly scheduled executing.

● When executing the timing plan shooting, it can take single shot by pressing the release button and would not influence the timing plan.

Shooting control

The following examples illustrate the timing plan running: delay time[DELAY] = 5 seconds, exposure time[LONG] = 1 second, shooting interval[INTVL]= 6 seconds, shooting number[N] = 3.

...... Focusing output   —— Shooting output

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23

PIXEL TC-252 Specifications

Standby time: More than 3 years
Using battery: 1.5V×2AAA
Dimensions(W×H×D):149mm × 49.5mm × 24mm
Weight(with batteries):70.5g

Now you can start to use unique high-performance PIXEL product TC-252. If you have any questions, you can contact the local distributor. Or visit the website http://www.pixelhk.com.