PiXAPRO®

UK CA CE FC

ST-IV+ C

TTL Wireless Flash Trigger

Instruction Manual

Contents

Foreword

Thank you for purchasing this ST-IV+ C wireless flash trigger.

This wireless flash trigger applies for using Canon camera to control Pixapro flash, controls the flashes with built-in Pixapro wireless ONE system e.g. camera flashes, outdoor flashes, and studio flashes. It can also control Canon flashes when collocating with ST-III Receiver. Featuring multi-channel triggering, stable signal transmission and quick response, this flash trigger benefits photographers for flexible light distribution and various shooting demands, which is suitable for

hotshoe-mounted Canon cameras and cameras with PC synchronous socket. The flash trigger supports E-TTL II flash and high-speed flash synchronization, and the maximum flash synchronization speed is up to 1 / 8000s.
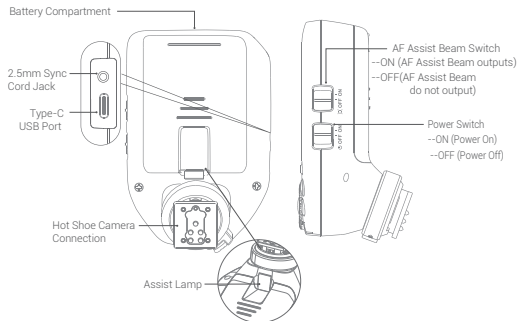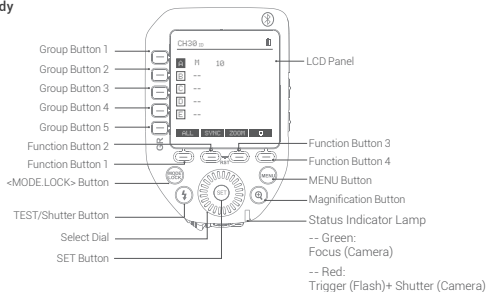
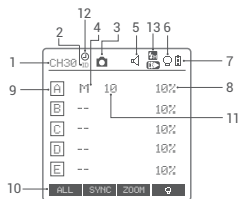*: 1/8000s is achievable when the camera has a max camera shutter speed of 1/8000s.

⚠ Warning

⚠ Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.

⚠ Always keep this product dry. Do not use in rain or in damp conditions.

⚠ Keep out of reach of children.

⚠ Do not use the flash unit in the presence of flammable gas. In certain circumstance, please pay attention to the relevant warnings.

⚠ Do not leave or store the product if the ambient temperature reads over 50℃.

⚠ Turn off the flash trigger immediately in the event of malfunction.

⚠ Observe precautions when handling batteries

 – Use only batteries listed in this manual. Do not use old and new batteries or batteries of different types at the same time.

 – Read and follow all warnings and instructions provided by the manufacturer.

 – Batteries cannot be short-circuited or disassembled.

 – Do not put batteries into a fire or apply direct heat to them.

 – Do not attempt to insert batteries upside down or backwards.

 – Batteries are prone to leakage when fully discharged. To avoid damage to the product, be sure to remove batteries when the product is not used for a long time or when batteries run out of charge.

 – Should liquid from the batteries come into contact with skin or clothing, rinse immediately with fresh water.

Names of Parts

Body

Group Button 1
Group Button 2
Group Button 3
Group Button 4
Group Button 5
Function Button 2
Function Button 1
<MODE.LOCK> Button
TEST/Shutter Button
Select Dial
SET Button

LCD Panel
Function Button 3
Function Button 4
MENU Button
Magnification Button
Status Indicator Lamp

-- Green:
Focus (Camera)

-- Red:
Trigger (Flash)+ Shutter (Camera)

Battery Compartment

2.5mm Sync Cord Jack
Type-C USB Port

Hot Shoe Camera Connection

Assist Lamp

AF Assist Beam Switch
--ON (AF Assist Beam outputs)
--OFF(AF Assist Beam do not output)
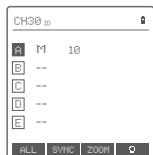
Power Switch
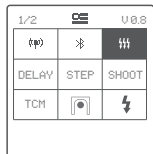--ON (Power On)
--OFF (Power Off)

LCD Panel

1. Channel (32)
2. ID (99)
3. Camera Connection
4. Group Mode
5. Beeper
6. Modeling Lamp Master Control
7. Battery Level Indication
8. Group's Modeling Lamp
9. Group
10. Icons of Function Button
11. Output Power Level
12. HSS Delay
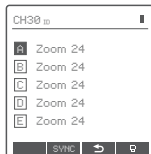13. < 🔛 > means High Speed Sync
    < 🔳 > means Second Curtain Sync

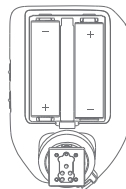Multi Groups Display

Single Group Display

Menu Display

Multi Groups' ZOOM Display

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Battery Installation

Slide the battery compartment lid of the flash trigger and insert two AA batteries (optional) separately.

Battery Level Indication

Check the battery level indication on the LCD panel to see the remaining battery level during the usage.

Battery Level Indication		Power Status
3 grids	🔋	Full
2 grids	🔋	Middle
1 grid	🔋	Low
Blank grid	🔋	Low power , please replace it.
Blinking		<2.5V The battery level is going to be used out immediately (please replace new batteries, as low power leads to no flash or flash missing in case of long distance).

The battery indication only refers to AA alkaline batteries. As the voltage of Ni-MH battery tends to be low, please do not refer to this chart.

As a Wireless Camera Flash Trigger

Take GIO1 series camera flash as an example:

1. Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.

2. Short press the < MENU > Button to enter the C.Fn. menu to set channel and group. Short press the < MODE.LOCK > Button to set mode, turn the Select Dial to set the level parameters.

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3. Turn on the camera flash V1, press the wireless setting button and < (⚫) > and <RX> icon will be displayed on the LCD panel. Short press the < MENU > Button to enter the C.Fn. menu, press the <CH> button to set the same channel to the flash trigger, and press the <Gr> button to set the same group to the flash trigger.

Note: please refer to the relevant instruction manual when setting the camera flashes of other models

4. Press the camera shutter to trigger and the status lamp of the flash trigger turns red synchronously.

As a Wireless Outdoor Flash Trigger

Take CITI600Pro as an example:

1. Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.

2. Short press the < MENU > button to enter the C. Fn Menu to set channel and group. Short press <MODE.LOCK> button to set flash trigger mode, turn the select dial to set flash trigger level.

3. Power on the outdoor flash and press the wireless setting button and the < (⚫) > icon will be displayed on the LCD panel. Long press the <GR/CH> button to set the same channel to the flash trigger, and short press the < GR/CH > button to set the same group to the flash trigger.

Note: please refer to the relevant instruction manual when setting the outdoor flashes of other models.

4. Press the camera shutter to trigger and the status lamp of the flash trigger turns red synchronously.

As a Wireless Studio Flash Trigger

Take STORM III as an example:

1. Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.

2. Short press the < MENU > button to enter the C. Fn Menu to set channel and group. Short press <MODE.LOCK> button to set flash trigger mode, turn the select dial to set flash trigger level.

3. Connect the studio flash to power source and power it on. Long press the MODE/Wireless button to make the wireless icon displayed on the panel and enter 2.4G wireless mode.Long press the <GR/CH> button to set the same channel to the flash trigger, and short press the < GR/CH > button to set the same group to the flash trigger .
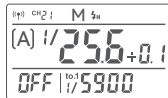
Note: please refer to the relevant instruction manual when setting the studio flashes of other models.

4. Press the camera shutter to trigger. And the status lamp of the camera flash and the flash trigger both turn red synchronously.

Note: As the studio flash's minimum output value is 1/32, the output value of the flash trigger should be set to or over 1/32. As the studio flash do not have TTL and stroboscopic functions, the flash trigger should be set to M mode in triggering.

As a Wireless Original Flash Trigger

Take 600EX-RT as an example:

1. Turn off the camera and mount the transmitter on camera hotshoe. Then, power on the flash trigger and the camera.

2. Short press the < MENU > button to enter the C. Fn Menu to set channel and group. Short press <MODE.LOCK> button to set flash trigger mode, turn the select dial to set flash trigger level.

3. Attach the original flash to the ST-III Receiver receiver. Press the <CH> button on the receiver to set the same channel to the flash trigger, and press the <Gr> button to set the same group to the flash trigger

Note: please refer to the relevant instruction manual when setting the original camera flashes.

4. Press the camera shutter to trigger. And the status lamp of the camera flash and the flash trigger both turn red synchronously.

As a Wireless Shutter Release Trigger

Operation method:

1. Turn off the camera. Take a camera remote cable and insert one end into the camera's shutter socket and the other end to the shutter release port of ST-III Receiver to connect. Power on the camera and the receiver.

2. Short press the < MENU > button to enter the C. Fn Menu to set channel and group. Short press <MODE.LOCK> button to set flash trigger mode, turn the select dial to set flash trigger level.

3. Press the receiver's <CH> button to set the same channel to the flash trigger, and press the <Gr> button to set the same group to the flash trigger.

4. Short press the < MENU > button to enter the C. Fn Menu to set the < ⚡ > to SHUTTER. Half press the < ⚡ > button to focus and full press the < ⚡ > button to shoot, the status lamp will turn red.

Note: ST-III Receiver is sold separately.

As a Flash Trigger with 2.5mm Sync Cord Jack

Operation method:

1. Turn off the flash trigger. Take a sync cable and insert one end into the camera's shutter socket and the other end to the shutter release port of ST-III Receiver to connect. Power on the camera and the receiver.

2. Short press the < MENU > button to enter the C. Fn Menu to set channel and group. Short press <MODE.LOCK> button to set flash trigger mode, turn the select dial to set flash trigger level.

3. Press the receiver's <CH> button to set the same channel to the flash trigger, and press the <Gr> button to set the same group to the flash trigger.

4. Press the shutter normally and the flashes will be controlled by sync cord jack's signal.

Note: ST-III Receiver is sold separately.

Power Switch

Slide the Power Switch to ON, and the device is on, while slide to OFF, the device is off.

Note: In order to avoid power consumption, turn off the transmitter when not in use.

Power Saving Mode Settings

1. he system will automatically enter standby mode after 60sec/30min/60min of idle use. And the displays on the LCD panel will disappear.

Note: Dormancy time is adjustable in MENU-STBY.

2. Press any button to wake up.

Note: If you don't want to set the power saving mode, press < MENU > Button to enter the C. Fn Menu and set STBY to OFF.

Power Switch of AF Assist Beam

Push the AF Assist Beam Switch up to ON, and the AF lighting is allowed output. When the camera cannot focus, the AF assist beam will turn on; when the camera can focus, the AF assist beam will turn off.

Channel Settings

1. Short press the < MENU > Button to enter the C. Fn menu.

2. Turn the Select Dial to select<(( ))>and press the < SET > Button to the setting page to select <CH> and press <SET> button to enter channel settings. Turn Select Dial to select 1-32 channels, then short press <SET> button to exit from channel settings.

Notes: please set the transmitter and the receiver to the same channel before usage.
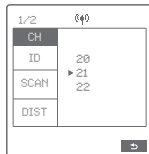
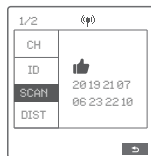## Wireless ID Settings

In addition to changing the wireless transmission channel to avoid interference, we can also change the wireless ID to avoid interference. The wireless ID and channel of lead control unit and follow control unit must be consistent before triggering.

Short press the < MENU > Button to enter the C. Fn menu. Turn the Select Dial to select < ((ᵖ)) > and press the < SET > Button to enter the setting page, turn Select Dial to <ID> and short press <SET> Button to enter ID settings. Turn Select Dial to select OFF/1-99, and then short press <SET> to exit form <ID> settings.
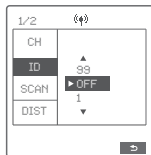
Scanning Spare Channel Settings

Scanning spare channel function is useful to avoid interference from others' using the same channel. Short press the < MENU > button to enter the Menu, turn the select dial to choose < ((ᵖ)) >, short press the SET button to enter the wireless setting, then turn the select dial to choose SCAN option. Short press the SET button to enter the SCAN setting interface, turn the select dial to choose START, then short press the SET button to scan from 5% to 100%, and 8 groups of spare channels will display.
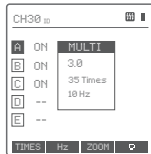
Mode Settings

Short press the group button to choose group, then short press <MODE.LOCK> button, the mode of the chosen group will change.

Set the WIRELESS-GROUPS to five groups (A-E) and (⚡) is (ON):

1. When displaying multiple groups, short press the <MODE.LOCK > button to switch the multi-group mode to MULTI mode. Press the group selection button to choose a group, short press <MODE.LOCK > button can set the MULTI mode to ON or OFF (--).
   Short press the group button to cancel the selection, then short press <MODE.LOCK > button can exit MULTI mode.

2. When displaying multiple groups, press the group selection button to choose a group, short press <MODE.LOCK > button to switch among TTL/M/--.
   Note: : TTL means auto flash, M means manual flash, -- means off.
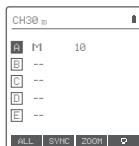
3. When displaying single group, short press <MODE.LOCK > button to switch among ETTL/M/OFF.
   Note: : ETTL means auto flash, M means manual flash, OFF means off.

Set the groups to 16 groups (0-F):

When displaying multiple groups or single group, there is only manual mode M.

Locking Function

Long press the <MODE.LOCK > button for 2 seconds until "LOCKED" is displayed on the bottom of the LCD panel, which means the screen is locked and no parameters can be set. Long press the <MODE.LOCK > button again to unlock.

Magnification Function

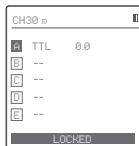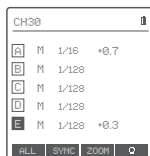Switch between multi-group and one-group mode: choose a group in multi-group mode and press the < ⓠ > button to magnify it to one-group mode. Then, press the < ⓠ > button to back to multi-group.

```
CH10 ID                    🔋
 D  OFF




Zoom 24mm
 GR  | SYNC | ZOOM |
```

Output Value Settings (Power Settings)

Multi-group displays in the M mode

1. Press the group button to choose the group, turn the select dial, and the power output value will change from Min. to 1/1 or from Min. to 10 in 0.1 or 1/3 stop increments. Then, press <SET> Button to exit from this setting.

2. Press Function Button 1 (<ALL> button) to choose all groups' power output value, turn the select dial, and all groups' power output value will change from Min to 1/1 or from Min. to 10 in 0.1 or 1/3 stop increments. Press Function Button 1 (<ALL> button) again to confirm the setting.

```
CH30                       🔋
 A  M   1/16    +0.7
 B  M   1/128
 C  M   1/128
 D  M   1/128
 E  M   1/128   +0.3
 ALL | SYNC | ZOOM |  ⟳
```
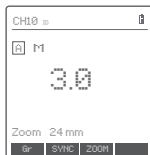
One-group displays in the M mode

1. Turn the select dial and the group's power output value will change from Min to 1/1 or from Min. to 10 in 0.1 or 1/3 stop increments.
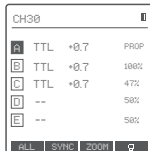
   Note: M means manual flash mode.

   Note: Min. refers to the minimum value that can be set in M or Multi mode. The minimum value can be set to 1/128 0.3, 1/256 0.3, 1/512 0.3, 1/128 0.1, 1/256 0.1, 1/512 0.1, 3.0 (0.1) , 2.0 (0.1) and 1.0 (0.1) according to MENU-STEP. For most of camera flashes, the minimum output value is 1/128 or 1/128(0.1) and cannot be set to 1/256 or 1/256 (0.1). However, the value can change to 1/256 or 1/256(0.1) when using in combination with **Pixapro** strong power flashes e.g. AD600Pro, etc.

```
CH10 ID                    🔋
 A  M


    3.0



Zoom 24 mm
 Gr  | SYNC | ZOOM |
```

Flash Exposure Compensation Settings

Multi-group displays in the TTL mode

1. Press the group button to choose the group, turn the select dial, and the FEC value will change from -3 to 3 in 0.3 stop increments. Press the <SET> button to confirm the setting.

2. Press Function Button 1 (<ALL> button) to choose all groups' FEC value, turn the select dial, and all groups' FEC value will change from -3 to 3 in 0.3 stop increments. Press Function Button 1 (<ALL> button) again to confirm the compensation.

```
CH30                       🔋
 A  TTL   +0.7        PROP
 B  TTL   +0.7        100%
 C  TTL   +0.7         47%
 D  --                 50%
 E  --                 50%
 ALL | SYNC | ZOOM |  ⟳
```

One-group displays in the TTL mode

Turn the select dial and the group's power output value will change from -3 to 3 in 0.3 stop increments.

Note: : TTL means auto flash mode, FEC means flash exposure compensation.

```
CH30                    ♀ 🔋
 A  TTL               PROP

    +0.7


Zoom AUTO
 GR  | SYNC | ZOOM |  ⟳
```

Multi Flash Settings (Output Value, Times and Frequency)

Conditions for setting the multi flash parameters: 5 (A-E) should be selected in the WIRELESS-GROUPS, and multi flash should be turned on.

When displaying multiple groups, short press the <MODE.LOCK> button to enter multi flash setting interface.

```
CH30 ID                   📷🔋
 A  ON      MULTI
 B  ON      1/256
 C  ON      3 Times
 D  --      7Hz
 E  --
 TIMES | Hz | ZOOM |  ⟳
```

1. In the multi flash (TTL and M icon are not displayed).

2. The three lines are separately displayed as power output value (Min. ~ 1/4 or Min. ~ 8.0), Times (flash times) and Hz (flash frequency).

3. Turn the Select Dial to change the power output value from Min. to 1/4 or from Min. to 8.0 in integer stops.

4. Short press the Function Button 1 (TIMES button) can change flash times. Turn the select dial to change the setting value (1-100).

5. Short press the Function Button 2 (HZ button) can change flash frequency. Turn

the select dial to change the setting value (1-199).

6. Until any value or three values are set, short press the <MODE.LOCK> button to exit the setting status.

Note: As flash times are restricted by flash output value and flash frequency, the flash times cannot surpass the upper value that permitted by the system. The times that transported to the receiver end are real flash time, which is also related to the camera's shutter setting.

Note: Min. refers to the minimum value that can be set in M or Multi mode. The minimum value can be set to 1/128 0.3, 1/256 0.3, 1/512 0.3, 1/128 0.1, 1/256 0.1, 1/512 0.1, 3.0（0.1）, 2.0 (0.1) and 1.0 (0.1) according to MENU-STEP.

Modeling Lamp Settings

1. When displaying multiple groups, press the Function Button 4 button to control the ON/OFF of the modeling lamp.

2. Press the group button to choose the group when displaying multiple groups and the modeling lamp master control is turned on, press the Function Button 4 button to control the status of the modeling lamp: OFF （--）, Percentage value (10%-100%) or PROP (auto mode, changes with the flash brightness).
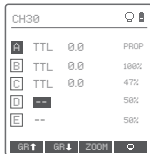
When the modeling lamp is in the percentage value status, long press the Function Button 4 to enter the modeling lamp brightness value setting interface, and turn the select dial to select the desired modeling lamp percentage value.

When displaying a single group, it is the same as the above-mentioned multiple groups display operation.

note: The models that can use one-group to ON/OFF the modeling lamp are as follows: GSII, SKII, SKIV, QSII, QDII, DEII, DPII series, DPIII series, etc. The outdoor flash PIKA200 and CITI600 can use this function after upgrade. The new arrivals with modeling lamps can also use this function.

ZOOM Value Settings

Short press the Function Button 3 and the ZOOM value will be displayed on the LCD panel. Choose the group and turn the select dial, and the ZOOM value will change from AUTO/24 to 200. Choose the desired value and long press the Function Button 3 again to back to the main menu.
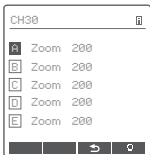
Note: Set the WIRELESS-GROUPS to 16 groups (0-F), the zoom value is unadjustable in both multi-group displays and one-group displays.

Shutter Sync Settings

1. **High-speed sync:** press the <SYNC> button and < ⚡H > is displayed on the LCD panel.

2. **Second-curtain sync:** press the <SYNC> button and < ▣ > is displayed on the LCD panel.
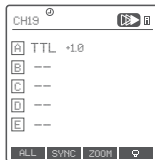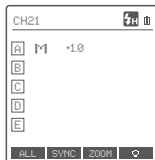
Buzz Settings

Press the < MENU > Button to enter the C. Fn menu, turn the Select Dial to < 🔊 >, press the < SET > Button to enter and turn the Select Dial to select ON/OFF turned on or off. Then press the < MENU > Button return to the main menu.

When choosing ON, the beeper is turned on.

When choosing OFF, the beeper is turned off.

PC Socket Settings

Press the <MENU> button to enter C.Fn menu, turn the select dial to <PC>, and press the <SET> button to enter PC socket setting to choose IN or OUT. Press the <MENU> button again to back to the main menu.

```
PC JACK

IN
► OUT
```

When choosing IN, it will enable **ST-IV+ C** to trigger flash. When choosing OUT, it will send trigger signals to trigger other flash.

SHOOT Function Settings

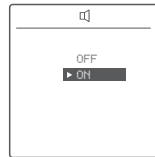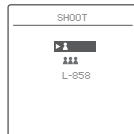Press the < MENU > Button to enter the C.Fn menu and turn the Select Dial to select <SHOOT>, then short press the < SET> button and turn Select Dial to select One-shoot/ Multi-shoots/L-858,after that press <MENU> Button return to the main menu.

```
SHOOT

► 👤
  👥👥
L-858
```

One-shoot: When shooting, choose one-shoot. In the M and Multi mode, the lead unit only sends triggering signals to the follow unit, which is suitable for one person photography for the advantage of power saving.

Multi-shoots: When shooting, choose multi-shoots, and the lead unit will send parameters and triggering signals to the follow unit, which is suitable for multi person photography. However, this function consumes power quickly.

L-858: The flash parameters can be adjusted directly on Sekonic L-858 Light Meter when collocating with it , and the transmitter only transmits SYNC signal.

Bluetooth Settings

Check Bluetooth MAC code: Short press the MENU button to enter the C.Fn menu, turn the select dial to select < 🛇 >, then short press the SET button to enter the Bluetooth setting interface, and the Bluetooth MAC code is displayed in the bottom right corner.

```
        🛇

BLUE.T
RESET   ► OFF
          ON

        GDBA-76C7
              ↩
```

Bluetooth Reset: Short press the MENU button to enter the C.Fn menu, turn the select dial to select < 🛇 >, then

short press the SET button to enter the Bluetooth setting interface, turn select dial to choose "RESET"and short press the SET button to reset the Bluetooth as you wish. It will automatically return to the previous setting interface after the reset is completed.

APP Downloading

Scan the following QR code to download "**Godox** Flash" APP. (available for both Android and iOS systems)

For more smartphone APP operations, please open the "help" in the APP to gain detailed guidance.

Note: the APP can be used directly on the firstly installed device (smartphone or tablet). When changing to other mobile device, the light shall be reset before the normal usage of APP.

The Bluetooth initial password is 000000.

MENU: Setting Custom Functions

The following table lists the available and unavailable custom functions of this flash:

Icons	Functions	Setting Icons	Settings and Descriptions
((¡))	Wireless	CH	32: 1-32
		ID	OFF: off 1-99: optional from 01-99
		SCAN	OFF: off START: Start scanning spare channel
		DIST	1-100m:1-100m triggering 0-30m:0-30m triggering
		GROUPS	5(A-E): 5 groups 16(0-F):16 groups
🛇	Bluetooth	BLUE.T	OFF: off ON: on
		RESET	CANCEL: cancel RESET: Bluetooth reset

Icons	Functions	Setting Icons	Settings and Descriptions
辷辷辷	Multi flash	ON	Turn on multi flash
		OFF	Turn off multi flash
DELAY	HSS delay	OFF	Turn off HSS delay
		0.1ms-9.9ms	0.1ms-9.9ms: HSS delay range
STEP	Power output value	1/128 0.3	The minimum output is 1/128 (change in 1/3 step)
		1/256 0.3	The minimum output is 1/256 (change in 1/3 step)
		1/512 0.3	The minimum output is 1/512 (change in 1/3 step)
		1/128 0.1	The minimum output is 1/128 (change in 0.1 step)
		1/256 0.1	The minimum output is 1/256 (change in 0.1 step)
		1/512 0.1	The minimum output is 1/512 (change in 0.1 step)
		3.0 (0.1)	The minimum output is 3.0 (change in 0.1 step)
		2.0 (0.1)	The minimum output is 2.0 (change in 0.1 step)
		1.0 (0.1)	The minimum output is 1.0 (change in 0.1 step)

Icons	Functions	Setting Icons	Settings and Descriptions	
SHOOT	One-shoot	👤	Only send triggering signals in the M & Multi mode when camera is shooting	
	Full-shoot	👤👤👤	Send parameters and triggering signal when camera is shooting(suitable for multi person photography). Do not use full-shoot function when collocating with **ST-III Receiver**	
	Connect to L-858	L-858	The flash parameters can be adjusted directly on the Sekonic L-858 Light Meter when collocating with it, and the transmitter only transmits SYNC signal	
TCM	TCM transform function	OFF	turn off TCM transform function	
		⊐◪	Li-ion580III series	Transform the TTL shooting value into the output value in the M mode. The main light mode shall prevail in mixed use. Short press the <MODE.LOCK> button can realize TCM transform when this function is switched on.
		100j	CITI100PRO	
		200j	PIKA200,**200Pro**	
		300j	CIITI300Pro	
		360j400j	CITI400Pro	
		600j	CITI600,**600Pro**	
		1200j	CITI1200Pro	
🔘	Legacy hot shoe	OFF	turn off legacy hot shoe	
		ON	turn on legacy hot shoe, TTL flash, HSS function and multi flash are unavaiable.	

Icons	Functions	Setting Icons	Settings and Descriptions
$\maltese$	TEST button	TRIGGER	Trigger testing
		SHUTTER	Shutter testing
PC	PC socket	IN	In port, enable ST-IV+ C to trigger flash
		OUT	Out port, send trigger signals to trigger other flash
$\square$	Beeper	OFF	turn off Beeper
		ON	turn on Beeper
z^z_z	Sleep	60 sec	Enter sleep mode after 60 seconds of idle use
		30 min	Enter sleep mode after 30 minutes of idle use
		60 min	Enter sleep mode after 60 minutes of idle use
		OFF	turn off sleep mode
LIGHT	Backlighting	12sec	LCD panel and buttons backlight off in 12 seconds
		OFF	LCD panel and buttons backlight always off
		ON	LCD panel and buttons backlight always lighting
◐	LCD contrast ratio	-3-+3	The contrast ration can be set as integral number from -3 to +3

Icons	Functions	Setting Icons	Settings and Descriptions
USER	Preset	SAVE	SAVE: 1-5
		LOAD	Import: 1-5
CLEAR	Clear function	CANCEL	CANCEL
		CLEAR	Clear data from menu

Note: Short press the < � > function button 4 to return to the previous setting.

Compatible Flash Models

Transmitter	Receiver	Flash models	Note
ST-IV+ C	---	CITI300Pro, CITI100Pro, CITI600, PIKA200, PIKA200pro, GIO1 series, Li-ion580III series, Li-ion580II series, Li-ion350S, STORMIII series, SK300IIV, SK400IIV, MS300V, DPII series, DPIII series	
	ST-III C	600EX-RT/580EXII/580EX-/430EXII/Li-ion580 C	1. As there are so many camera flashes in the market which are compatible with Canon speedlites, we do not test one by one. 2. Do not use full-shoot function < 👤👤👤 >.
	Pro AC 2.4GHz	Hybrid360/RIKO400	The flashes with Pixapro wireless USB port.
		Storm series/Lumi Series, Kino Series	Can only be triggered.
	ST-I Receiver	Li-ion580N Li-ion580C Li-ion580M	

Note: The range of support functions: the functions that are both owned by ST-IV+ C and flash.

The Relationship of Pro AC Wireless System and ST-IV+ Wireless System

Pro AC (Code Switch)	ON	ON	ON	ON	ON	ON	ON	ON
ST-IV+ (Display Screen)	CH01	CH02	CH03	CH04	CH05	CH06	CH07	CH08
Pro AC (Code Switch)	ON	ON	ON	ON	ON	ON	ON	ON
ST-IV+ (Display Screen)	CH09	CH10	CH11	CH12	CH13	CH14	CH15	CH16

Compatible Camera Models

This flash trigger can be used on the following Canon series camera models：

1Dx Mark II, 1Dx , 5Ds/5Dsr , 5DIV, 5D Mark III, 5D Mark II, 5D, 7D Mark II, 7D, 6D, 80D, 70D, 60D, 50D, 40D, 30D, 750D/760D, 700D, 650D, 600D, 550D, 500D, 450D, 400D, Digital, 350D, 100D, 1200D, 1000D, 1100D, M5 、M3

1. This table only lists the tested camera models, not all Canon series cameras. For the compatibility of other camera models, a self-test is recommended.

2. Rights to modify this table are retained.

Technical Data

Model	ST-IV+ C
Compatible cameras	Canon EOS cameras (E-TTL II autoflash)
	Support for the cameras that have PC sync socket
Power supply	2*AA batteries
Flash Exposure Control	
TTL autoflash	E-TTL II
Manual flash	Yes
Stroboscopic flash	Yes
Functions	
High-speed sync	Yes
Second- curtain sync	Yes
Flash exposure compensation	±3EV(exposure value) , adjustable in 1/3 EV increment
Flash exposure lock	Yes
Focus assist	Yes
Modeling lamp flash	Control the modeling lamp flash by flash trigger
Beeper	Control the Beeper by flash trigger
Wireless Shutter	The receiver end can control the camera shooting through the 2.5mm sync cord jack
ZOOM setting	Adjust the ZOOM value by the transmitter from AUTO or24 to 200
TCM function	Transform the TTL shooting value into the output value in the M mode
Firmware upgrade	Upgrade through the Type-C USB port
Memory function	Settings will be stored 2 seconds after last operation and recover after a restart
Display	Large LCD panel, backlighting ON or OFF

Wireless Flash	
Transmission range (approx.)	0-100m
Built-in wireless	2.4GHz
Modulation mode	MSK
Channel	32
Wireless ID	OFF, 01~99
Group	5 groups or 16 groups (selectable in the menu)
Other	
Dimension	95mm*62mm*49mm
Net Weight	93g

Specifications and data may subject to changes without notice.

Restore Factory Settings

Synchronously press the two function buttons in the middle for 2 seconds, the "RESET" is displayed on the LCD panel with CANCEL and OK options, choose OK and short press SET button, it will automatically return to the main interface after the restore factory settings are finished.

Firmware Upgrade

This flash trigger supports firmware upgrade through the Type-C USB port. Update information will be released on our official website.

Note: USB connection line is not included in this product. As the USB port is a Type-C USB socket, please use Type-C USB connection line.

As the firmware upgrade needs the support of Pixapro G3 software, please download and install the "Pixapro G3 firmware upgrade software" before upgrading. Then, choose the related firmware file.

Attentions

1. Unable to trigger flash or camera shutter. Make sure batteries are installed correctly and Power Switch is turned on.

   Check if the transmitter and the receiver are set to the same channel, if the hotshoe mount or connection cable is well connected, or if the flash triggers are set to the correct mode.

2. Camera shoots but does not focus. Check if the focus mode of the camera or lens is set to MF. If so, set it to AF.

3. Signal disturbance or shooting interference. Change a different channel on the device.

The Reason & Solution of Not Triggering in Pixapro 2.4G Wireless

1. **Disturbed by the 2.4G signal in outer environment (e.g. wireless base station, 2.4G wifi router, Bluetooth, etc.)**

   → To adjust the channel CH setting on the flash trigger (add 10+ channels) and use the channel which is not disturbed. Or turn off the other 2.4G equipment in working.

2. **Please make sure that whether the flash has finished its recycle or caught up with the continuous shooting speed or not(the flash ready indicator is lighten) and the flash is not under the state of over-heat protection or other abnormal situation.**

   → Please downgrade the flash power output. If the flash is in TTL mode, please try to change it to M mode(a preflash is needed in TTL mode).

3. **Whether the distance between the flash trigger and the flash is too close or not (<0.5m)**

   → Please turn on the "close distance wireless mode" on the flash trigger.
   → Please set the MENU- (ᵢⱼ) -DIST to 0-30m.

4. **Whether the flash trigger and the receiver end equipment are in the low battery states or not**

   → Please replace the battery(the flash trigger is recommended to use 1.5V disposable alkaline battery).

Caring for Flash Trigger

Avoid sudden drops. The device may fail to work after strong shocks, impacts, or excess stress.

Keep dry. The product isn't water-proof. Malfunction, rust, and corrosion may occur and go beyond repair if soaked in water or exposed to high humidity.

Avoid sudden temperature changes. Condensation happens if sudden temperature changes such as the circumstance when taking the transceiver out of a building with higher temperature to outside in winter. Please put the transceiver in a handbag or plastic bag beforehand.

Keep away from strong magnetic field. The strong static or magnetic field produced by devices such as radio transmitters leads to malfunction.

⚠ Warning

frequency(2.4G/BT): 2412.99MHz-2464.49MHz/2402MHz- 2480MHz Maximum EIRP Power: 2.55dBm/1.11dBm

Declaration of Conformity

PiXAPRO Photo Equipment Co.Ltd. hereby declares that this equipment are in compliance with the essential requirements and other relevant provisions of Directive2014/53/EU.

In accordance with Article 10(2) and Article 10(10), this product is allowed to be used in all EU member states.

IC Warning

This device complies with Industry Canada's licence-exempt RSSs. Operation is subject to the following two conditions:

(1) This device may not cause interference; and

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

The device can be used in portable exposure condition without restriction.

Cet appareil est conforme aux CNR exempts de licence d'Industrie Canada . Son fonctionnement est soumis aux deux conditions suivantes .

(1) Ce dispositif ne peut causer d'interférences ; et

(2) Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Le dispositif a été conçu pour répondre à la demande générale de radioexposition.

FCC Statement

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.
The device has been evaluated to meet general RF exposure requirement.
The device can be used in portable exposure condition without restriction.

Maintenance and Service Support Information

The warranty period and service types of products are implemented according to the following Product Maintenance Information:

Product Type	Name	Maintenance Period(month)	Warranty Service Type
Parts	Circuit Board	12	Customer sends the product to designated site
	Battery	3	Customer sends the product to designated site
	Electrical parts e.g.battery charger, etc.	12	Customer sends the product to designated site
Other Items	Flash tube, power cord, sync cable,modeling lamp,lamp body, lamp cover,lockingdevice, package, etc.	No	Without warranty

PiXAPRO After-sale Service Call +44 (0)121 552 3113

Warranty

Dear customers, as this warranty card is an important certificate to apply for our maintenance service, please fill in the following form in coordination with the seller and safe-keep it. Thank you!

Product Information	Model		Product Code Number	
Customer Information	Name		Contact Number	
	Address			
Seller Information	Name			
	Contact Number			
	Address			
	Date of Sale			
Note				

Note: This form shall be sealed by the seller.

Applicable Products

The document applies to the products listed on the Product Maintenance Information (see below for further information). Other products or accessories (e.g. promotional items,giveaways and additional accessories attached,etc.) are not included in this warranty scope.

Warranty Period

The warranty period of products and accessories isimplemented according to the relevant Product Maintenance Information. The warranty period is calculated from the day (purchase date) when the product is bought for the first time,And the purchase date is considered as the date registered onthe warranty card when buying the product.

How to Get the Maintenance Service

If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. You can also contact the Pixapro after-sale service call and we will offer you service. When applying for maintenance service, you should provide valid warranty card. If you cannot provide valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.