



## PIXAPRO ST-IV+ TTL Wireless Flash Trigger Instruction Manual

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**PIXAPRO ST-IV+ TTL Wireless Flash Trigger**



## Foreword

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

This wireless flash trigger applies for using Nikon camera to control Pixapro flash, controls the flashes with built-in Pixapro wireless system e.g. camera flashes, outdoor flashes, and studio flashes. 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 Nikon cameras and cameras with PC synchronous socket. The flash trigger supports i-TTL 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.

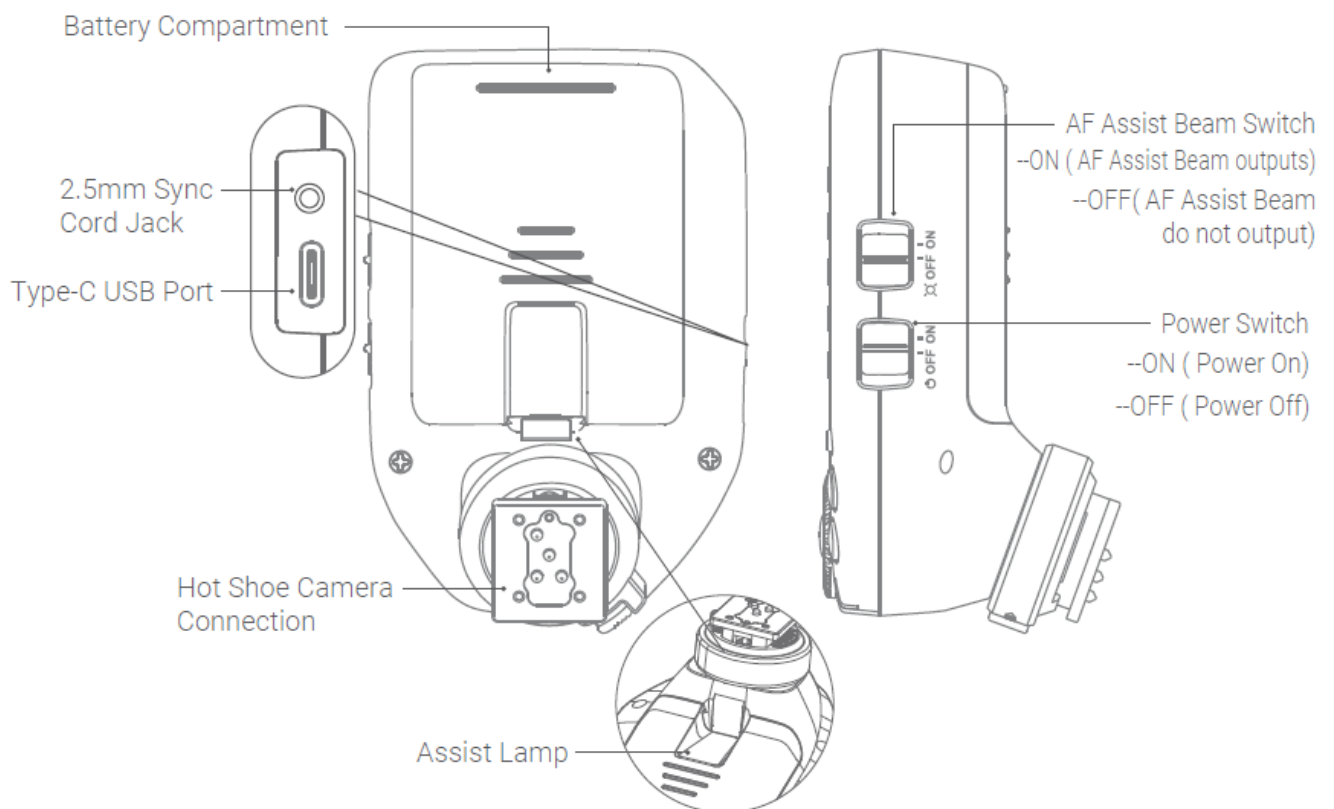
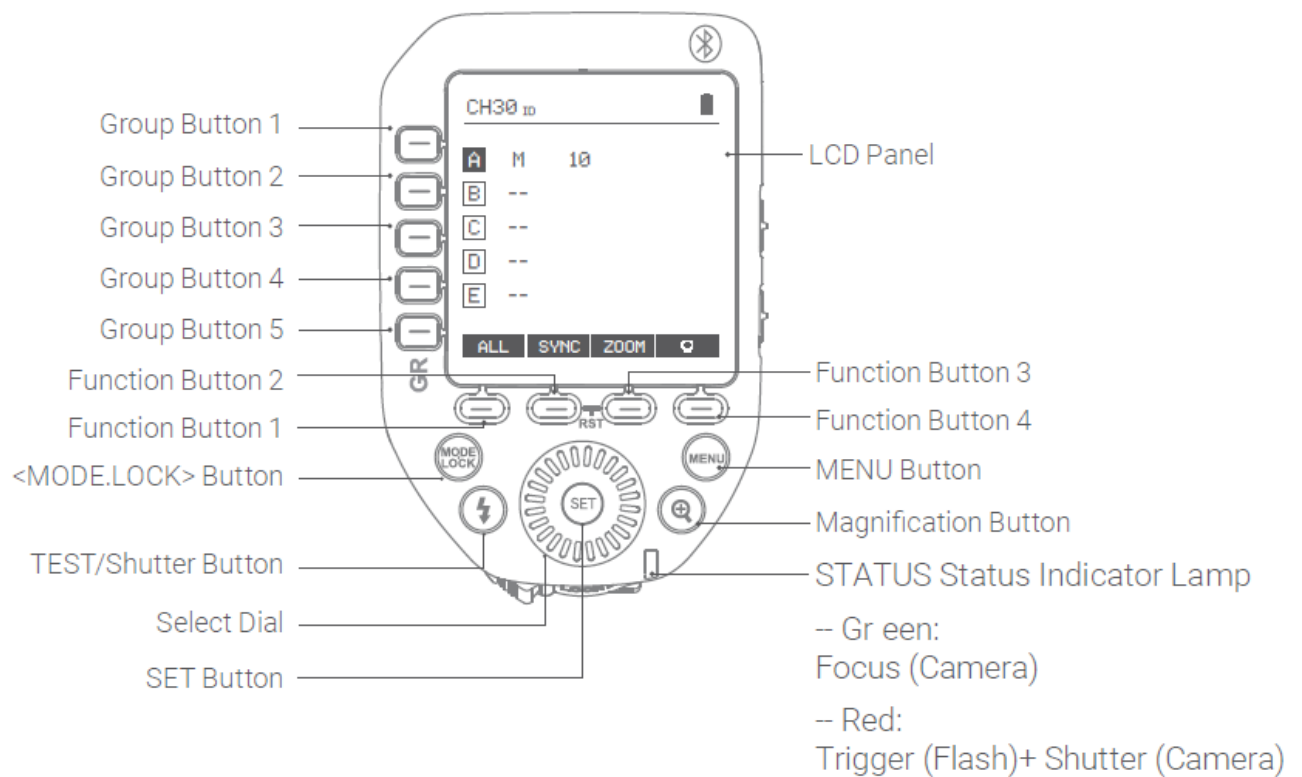
## Warning

- 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°C.
  - 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

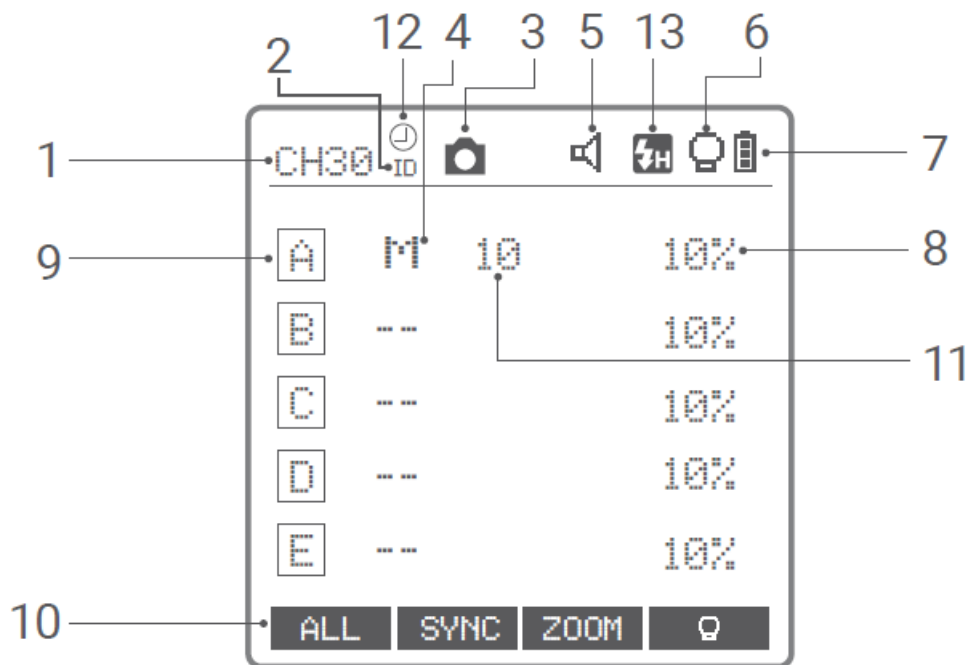
water.

## Names of Parts

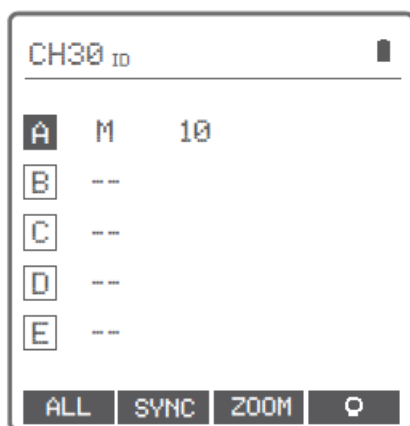
### Body



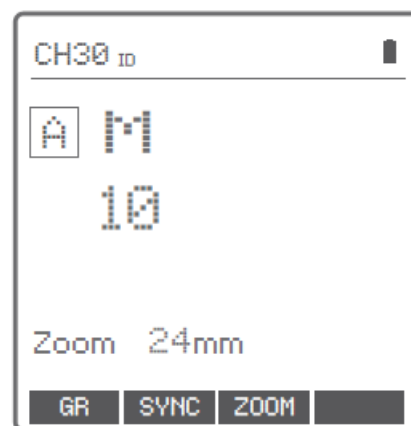
### LCD Panel



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. High Speed Sync



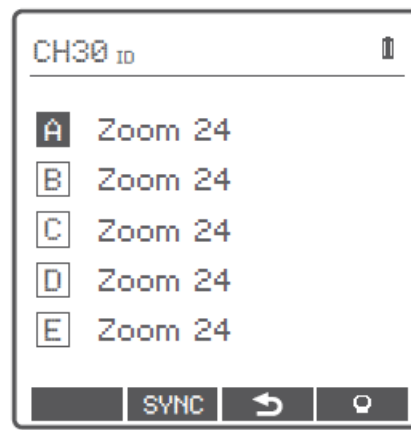
Multi Groups Display



Single Group Display



Menu Display



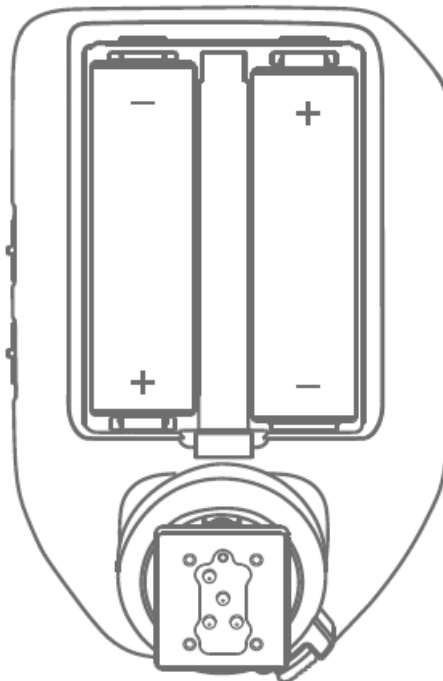
Multi Groups' ZOOM Display




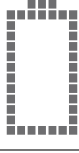
### Battery Installation

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<br>    | Full   |
| 2 grids<br>    | Middle   |
| 1 grid<br>     | Low  |
| Blank grid<br> | 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 hotshot. 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.



3. Turn on the camera flash GIO1, press the wireless setting button and the  icon 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 hotshot. 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.

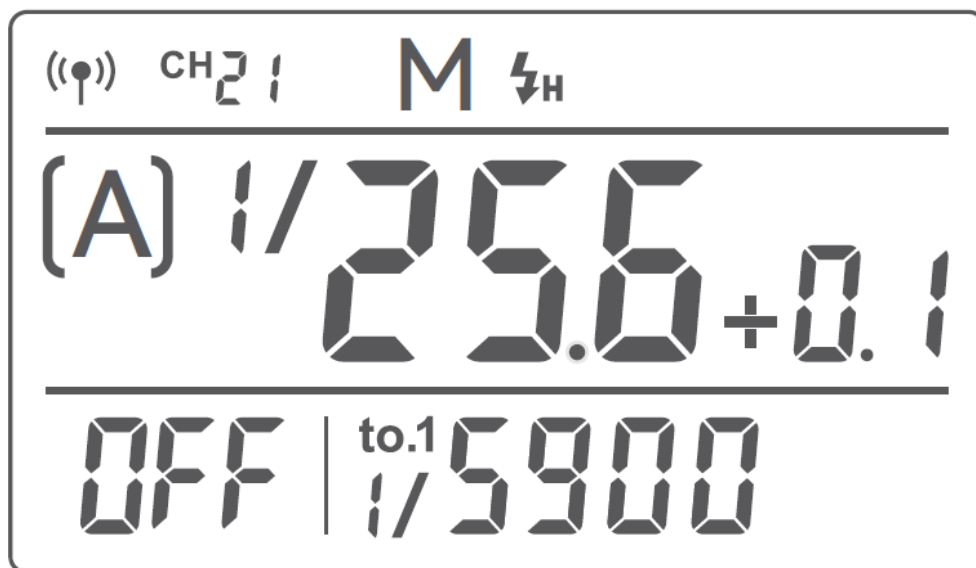
**Note:** please refer to the relevant instruction manual when setting the outdoor flashes of other models.

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 STORMIII 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 SB910 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. 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.

**Note:** Nikon original Speedlight's shall be set to i-TTL mode regardless of ST-IV+ N's mode.

## 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 it to shoot, the status lamp will be red.

**Note:** The 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:** The 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. The 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.

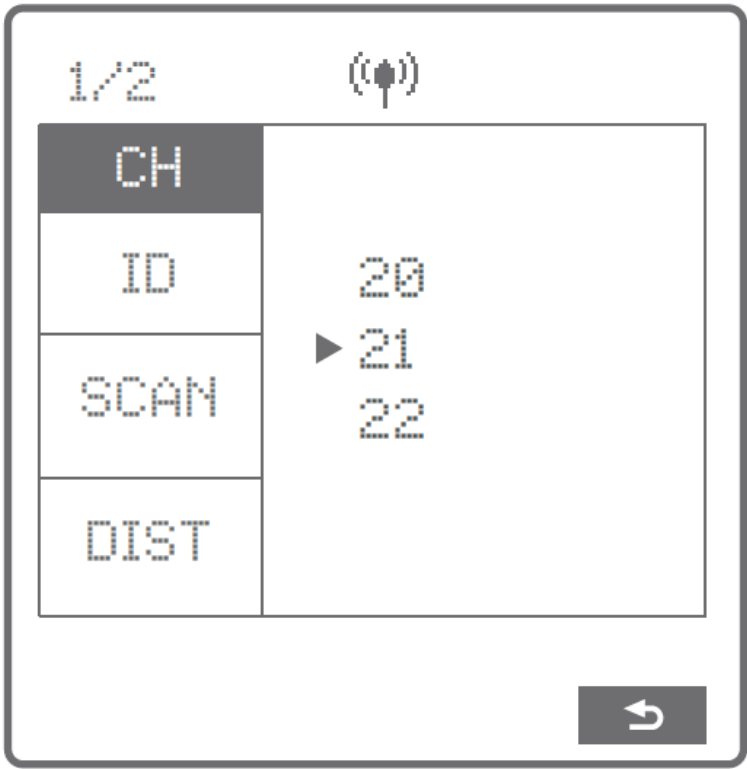
**Power Switch of AF Assist Beam**

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.

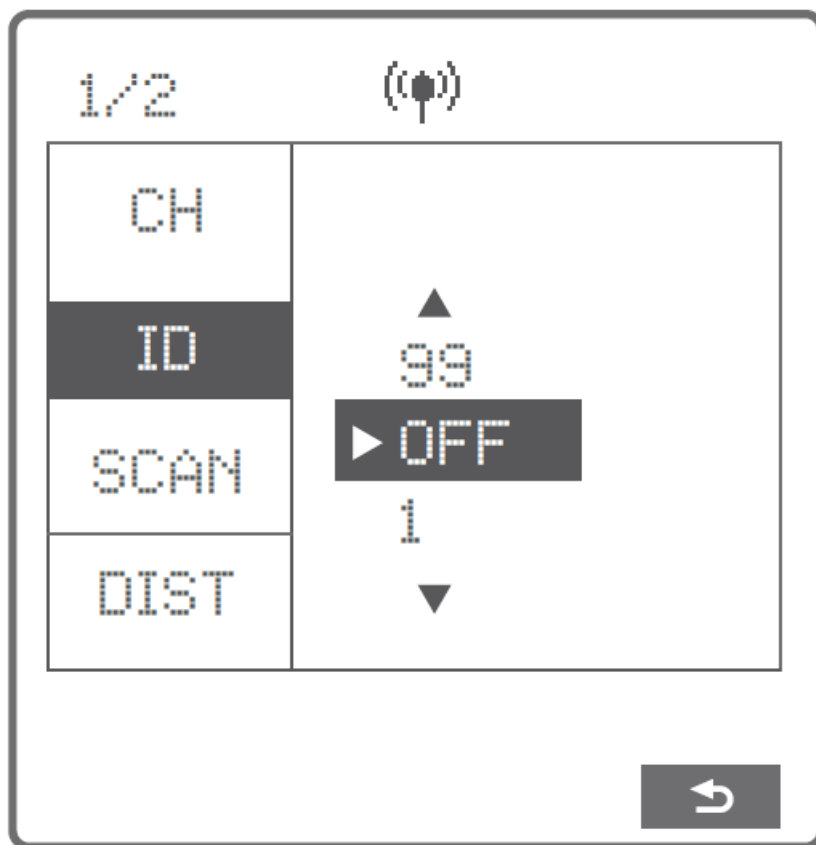
**Notes:** please set the transmitter and the receiver to the same channel before usage.



**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.

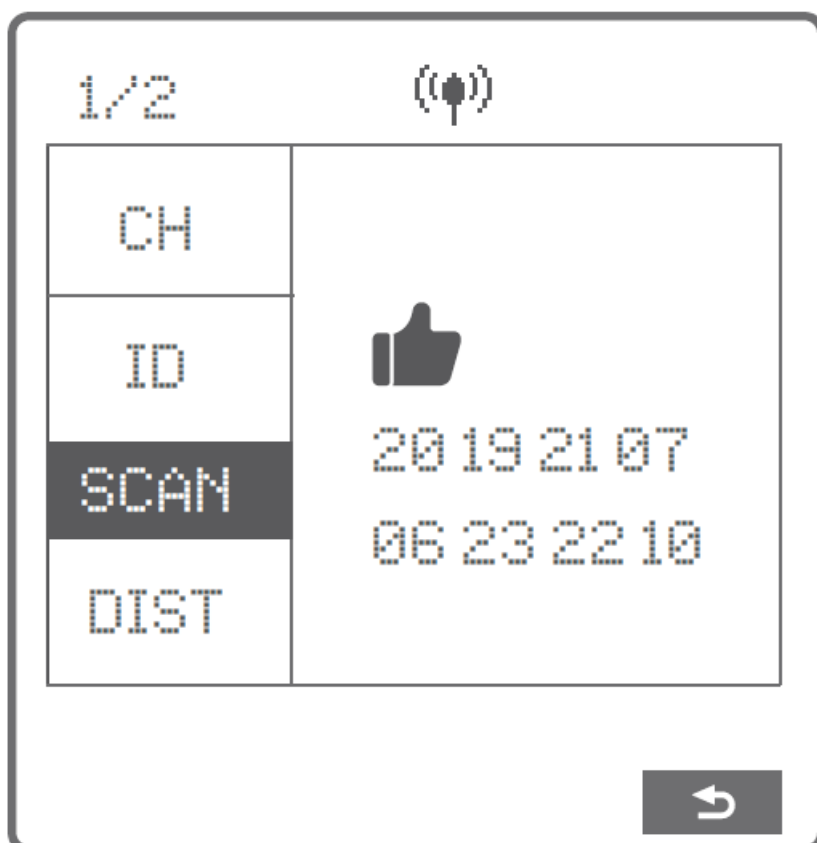
Short press the < MENU > Button to enter the C. Fn menu. Turn the Select Dial to select<  > and press the < SET > Button to the setting page, turn Select Dial to ID and short press <SET> Button to enter ID settings. Turn Select Dial to select OFF/1- 99, and then short press <SET> to exit form ID settings.



### Scanning Spare Channel Settings

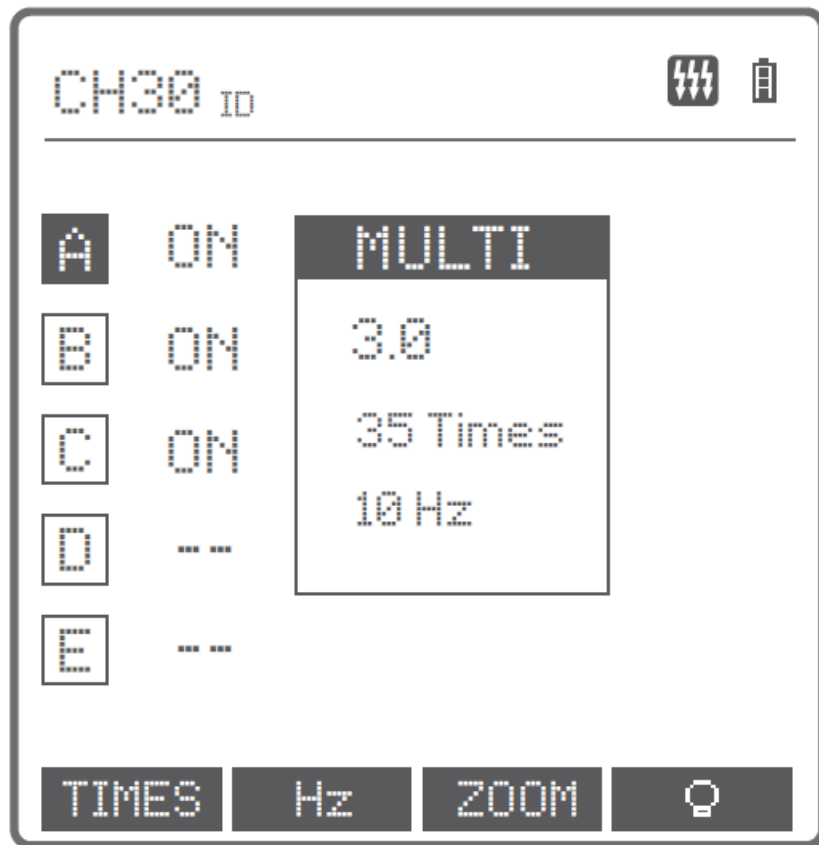
Scanning spare channel function is useful to avoid interference from others' using the same channel.


Short press the < MENU > button to enter the Menu, turn the select dial to choose <  >, 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 displayed.



## Mode Settings

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

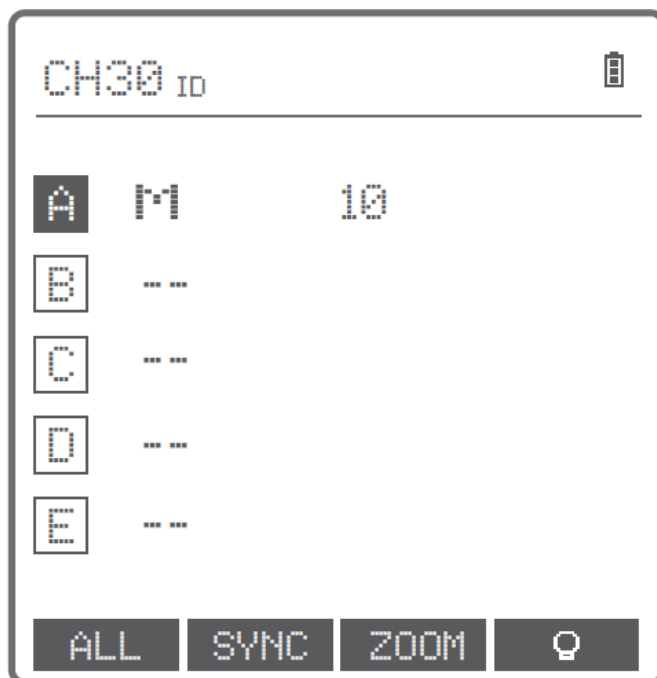


Set the groups to five groups (A-E) and (  ) is ( ON ):

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 ( - - ).

Short press the group button to cancel, short press the <MODE.LOCK> button again to exit MULTI mode.

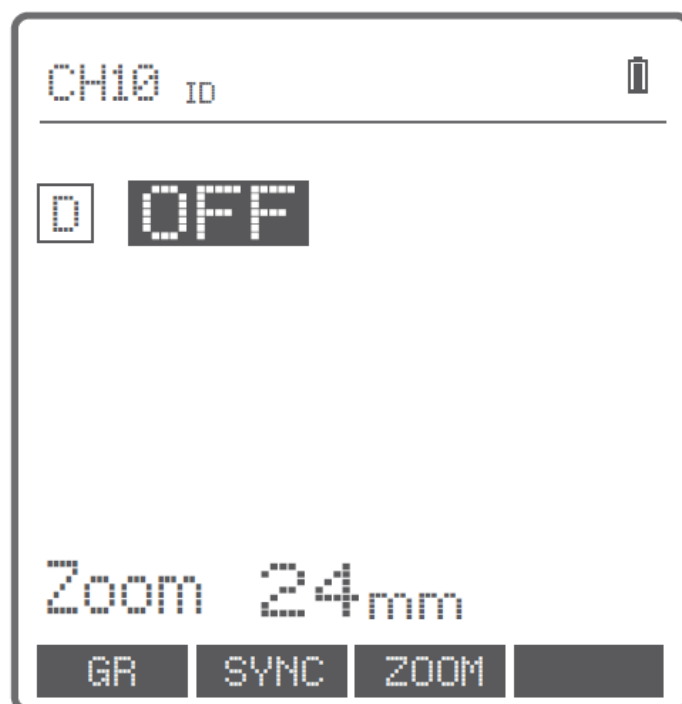
2. When displaying multiple groups, press the group selection button to choose a group, short press <MODE.LOCK > button to select among A, B, C, D, and E. Group A, B, C is switchable among TTL/M/- - , while group D and E is switchable between M/- - .



**Note:** TTL means auto flash, M means manual flash, -- means off.

3. When displaying single group, short press

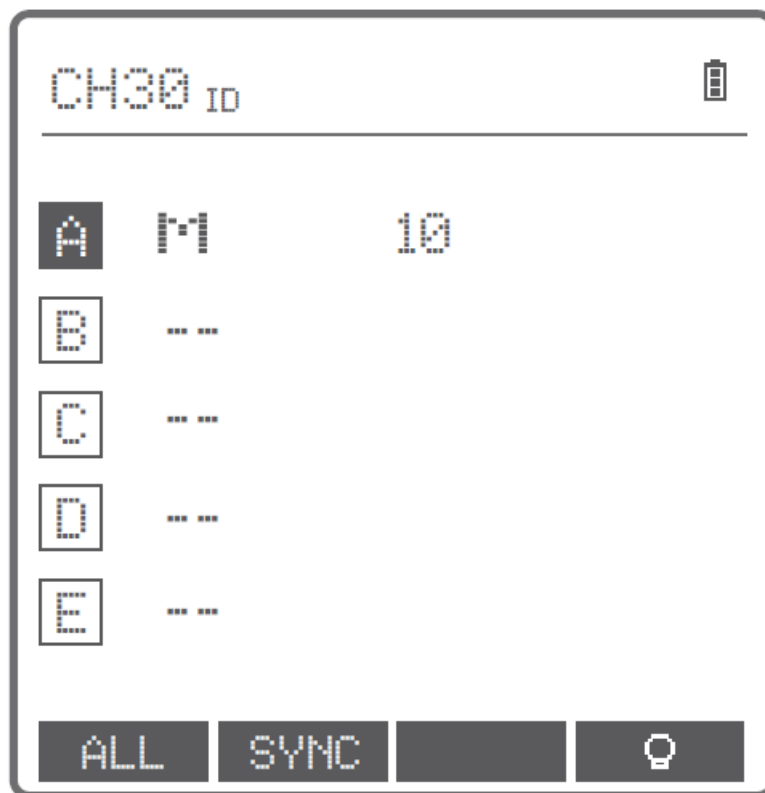
<MODE.LOCK > button, and the mode of group A, B, C is switchable by the order of TTL/M/OFF, while group D and E is switchable between M/OFF.



**Note:** TTL means auto flash, M means manual flash, OFF means off.

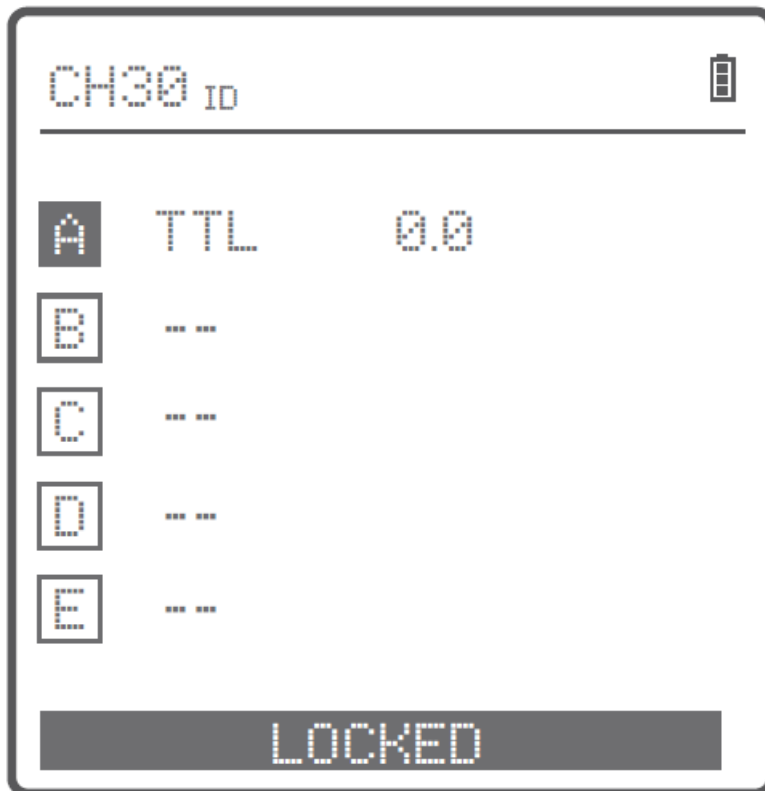
### Set the groups to 16 groups (0-F):

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.




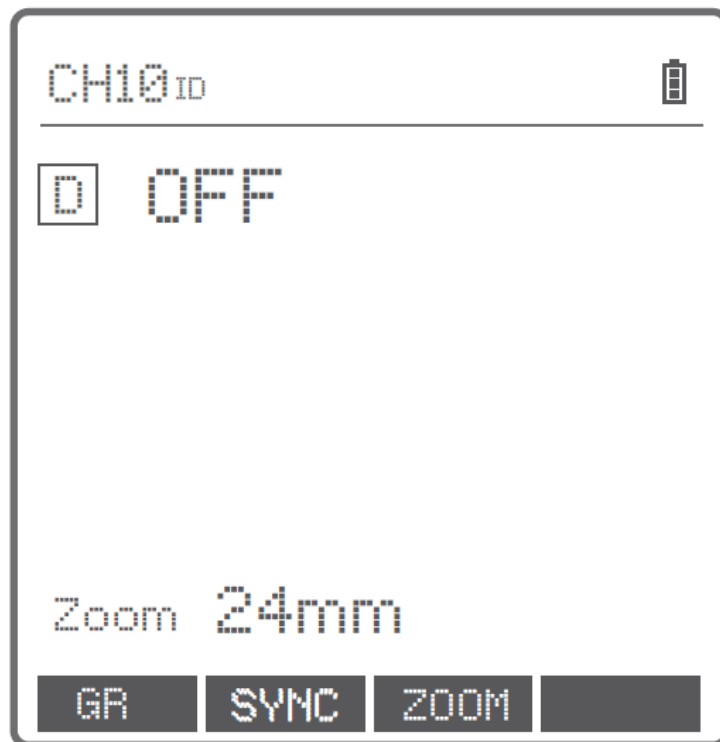
### Magnification Function

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.

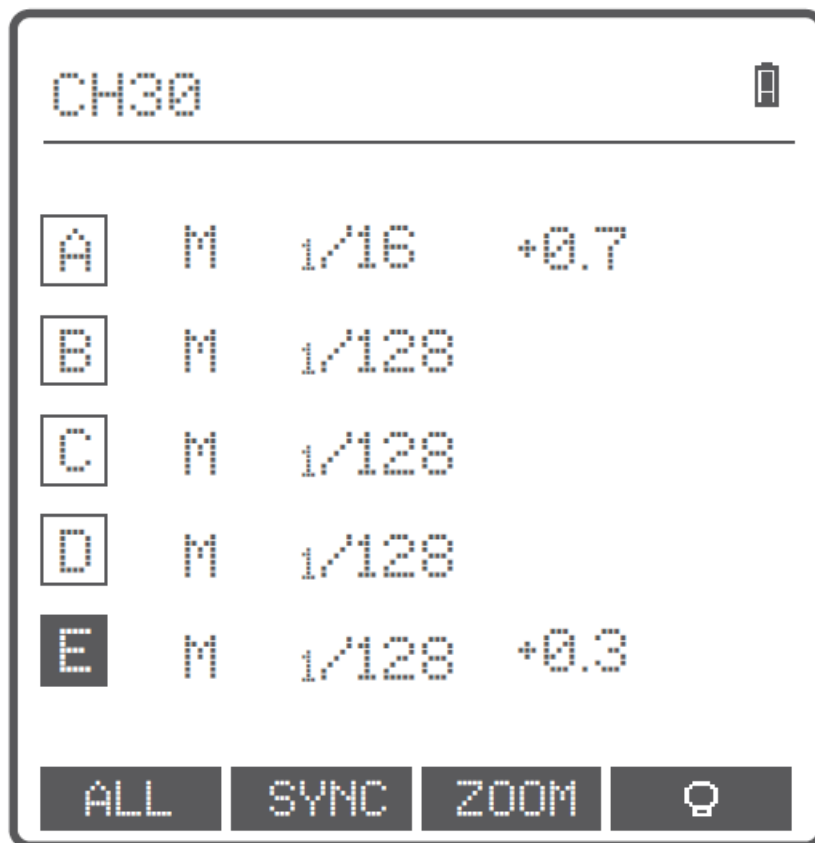


## Output Value Settings (Power Settings)

### 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 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 Min. to 10 in 0.1 or 1/3 stop increments. Press Function Button 1 (<ALL> button) again to confirm the setting.



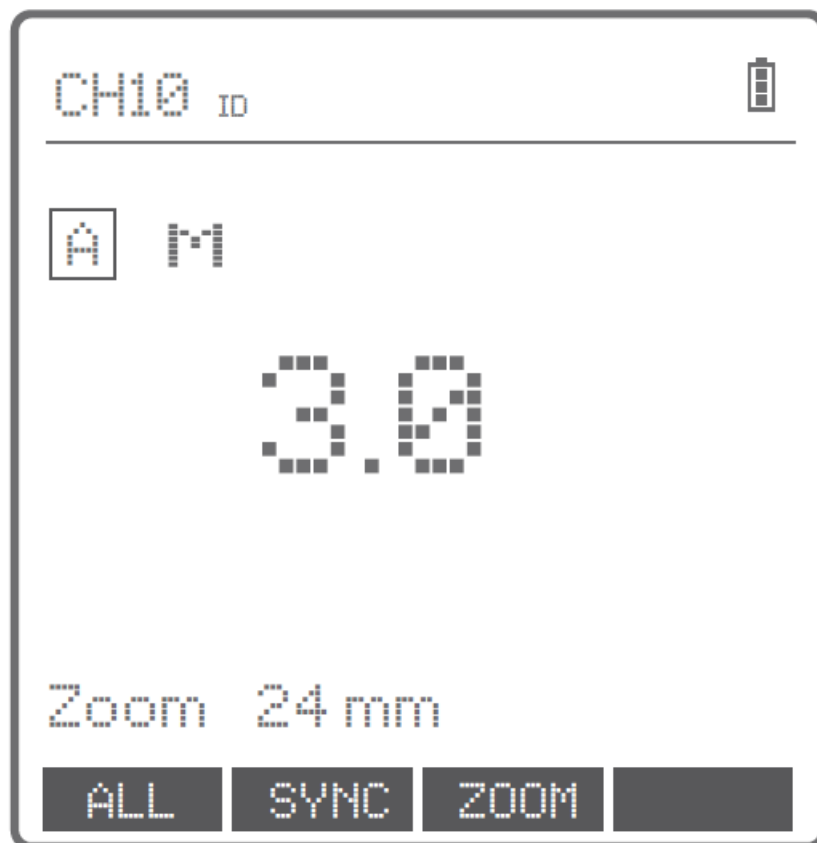


### One-group displays in the M mode

1. Turn the select dial and the group's power output value will change from Min to 1/1 in 0.1 or 1/3 stop increments.

**Note:** M mode is manual flash mode.

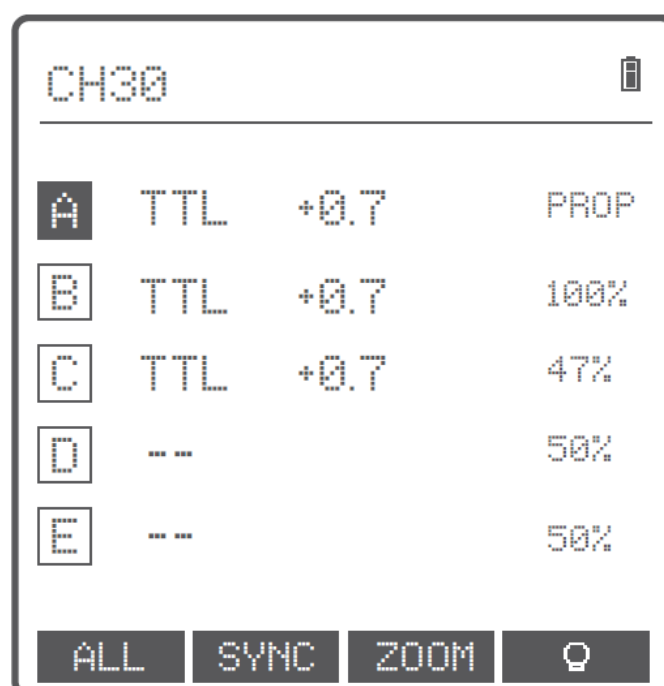
**Note:** Min. refers to the minimum value that can be set in M or Multi mode. The minimum value can be set to 1/128 0.3, 1/256 0.3, 1/512 0.3, 1/128 0.1, 1/256 0.1, 1/512 0.1, 3.0 0.1, 2.0 0.1 and 1.0 (0.1) according to MENU- STEP. For most of camera flashes, the minimum output value is 1/128 or 1/128(0.1) 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. CITI600Pro, etc.



## 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 setting.



### 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 mode is auto flash mode, FEC is flash exposure compensation.

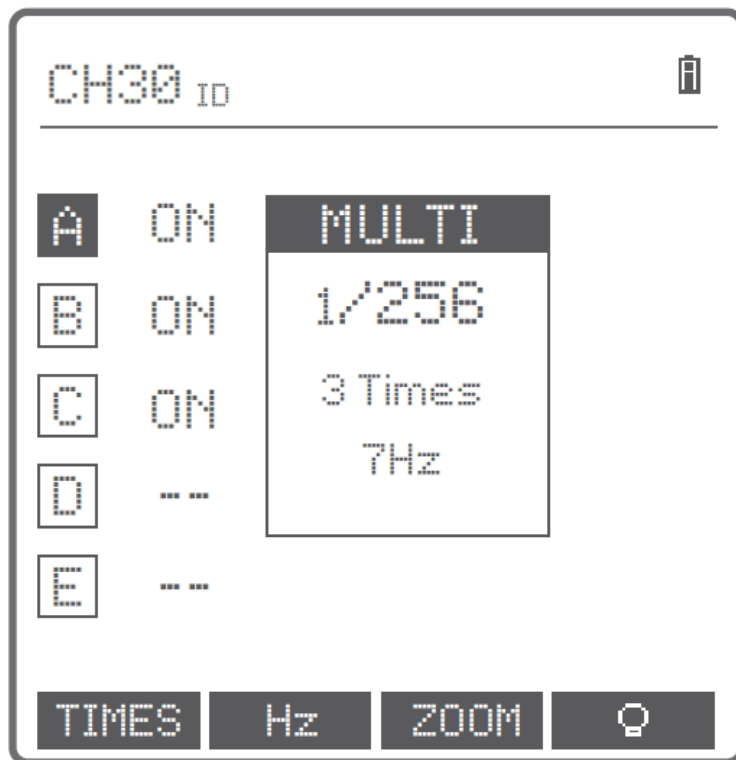


### Multi Flash Settings (Output Value, Times and Frequency)

Conditions for setting the multi flash parameters: 5

(A- E) should be selected in the menu <  >GROUPS, and multi flash should be turned on.

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



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 1 (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 a real flash time, which is also related to the camera's shutter setting.

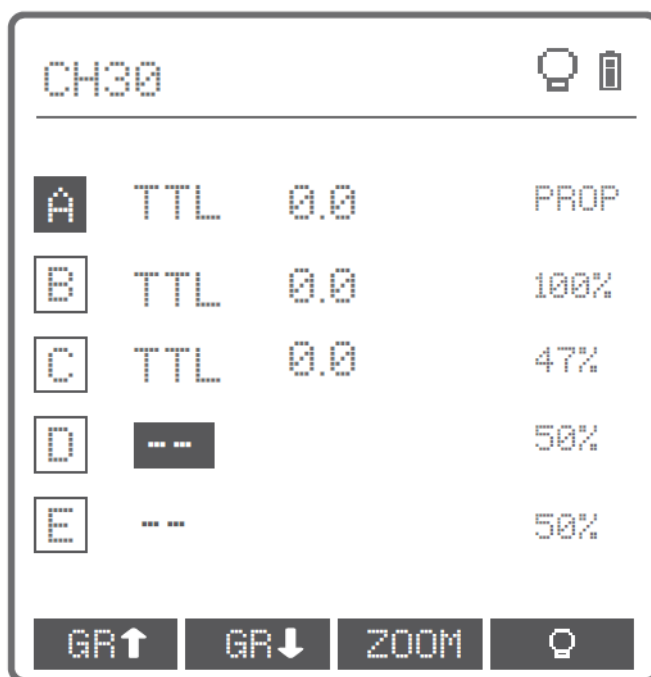
**Note:** Min. refers to the minimum value that can be set in M or Multi mode. The minimum value can be set to 1/128 0.3, 1/256 0.3, 1/512 0.3, 1/128 0.1, 1/256 0.1, 1/512 0.1, 3.0 0.1 , 2.0 0.1 and 1.0 (0.1) according to MENU- STEP.

### Modeling Lamp Settings

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

Press the group button to choose the group when displaying multiple groups and the modeling lamp master control is turned on, press the

2. 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 percentage value.

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

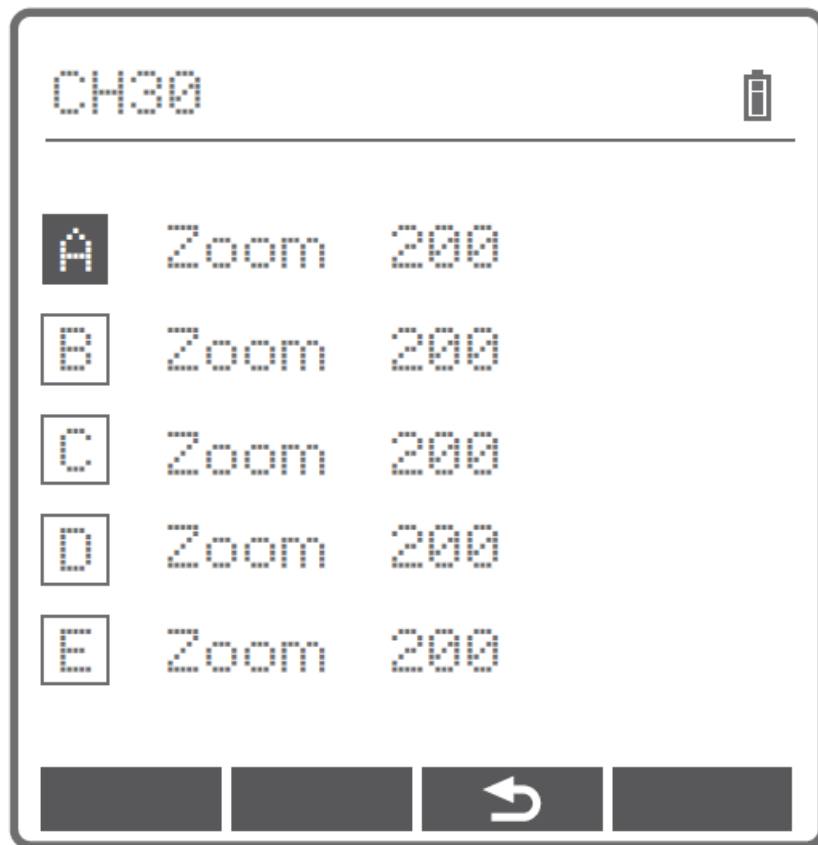
**(note:** The models that can use one- group to ON/OFF the modeling lamp are as follows: GSII, SKII, SKIIV, QSII, QDII, DEII, DPII series, DPIII series, etc.

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 again to back to the main menu.



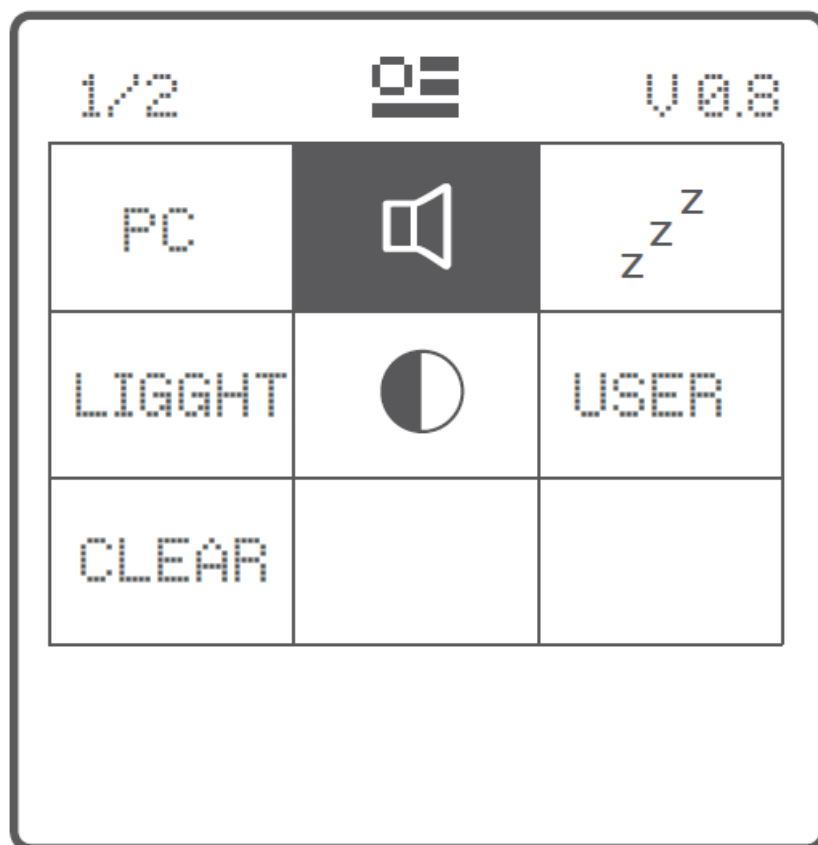
### Buzz Settings



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.

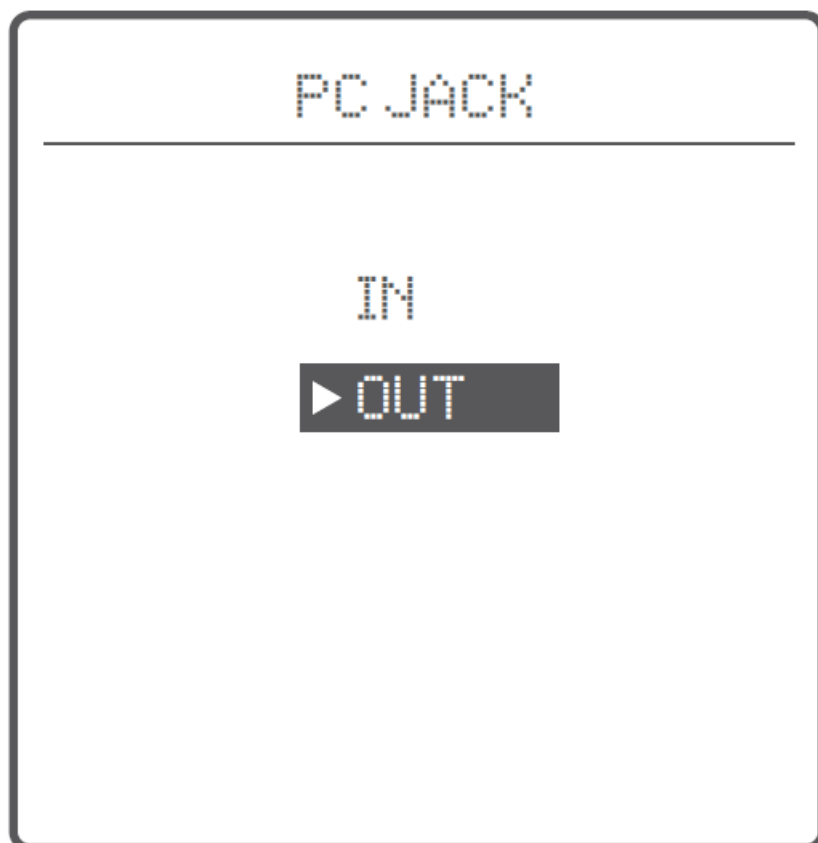
When choosing OFF, the beeper is turned off.



### 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.

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



### SHOOT Function Settings

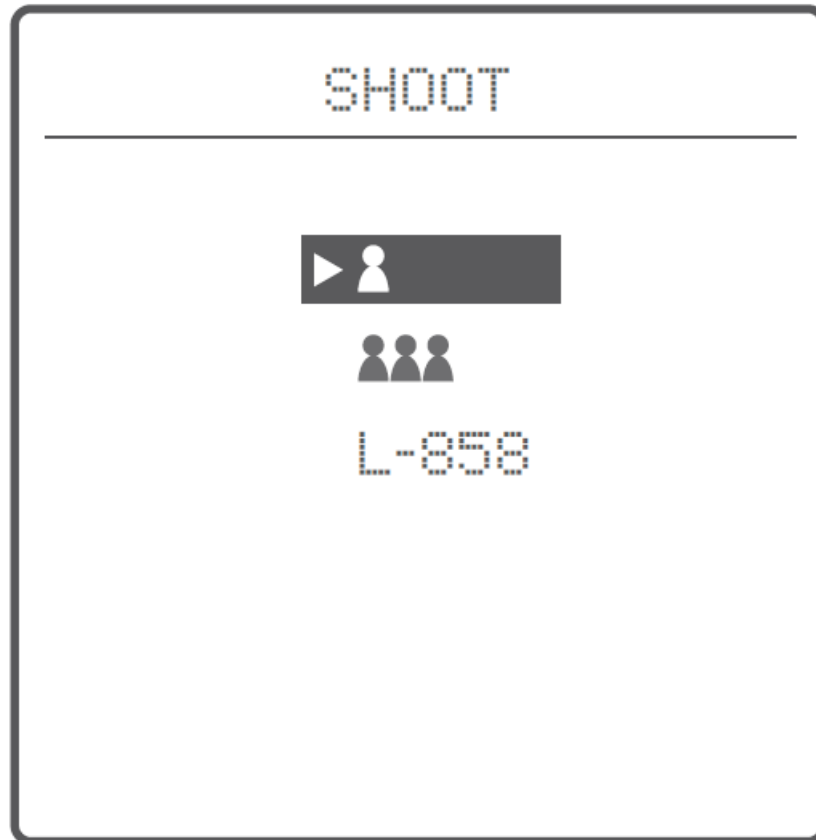
Press the < MENU > Button to enter the C.Fn menu and turn the Select Dial to select <SHOOT>, then short press the < SET> button and turn Select Dial to select

One- shoot/ Multi- shoots/L- 858,after that press <MENU> Button return to the main menu.

**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 Sebonic L- 858 Light Meter when collocating with it , and the transmitter only transmits SYNC signal.

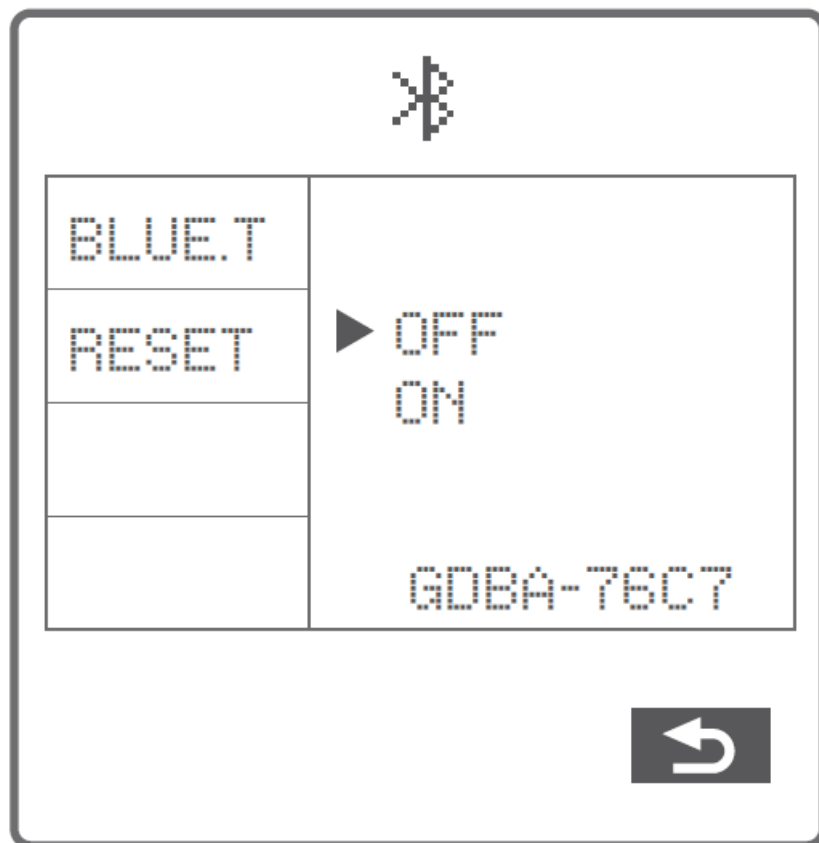


### Bluetooth Settings

**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.

**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.

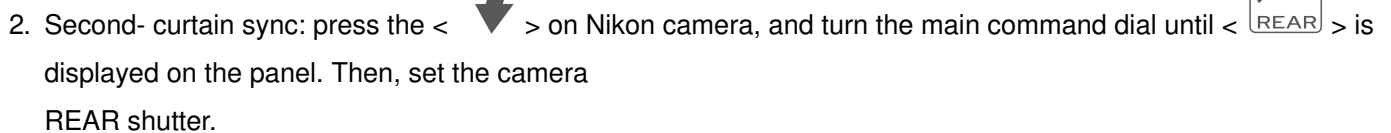
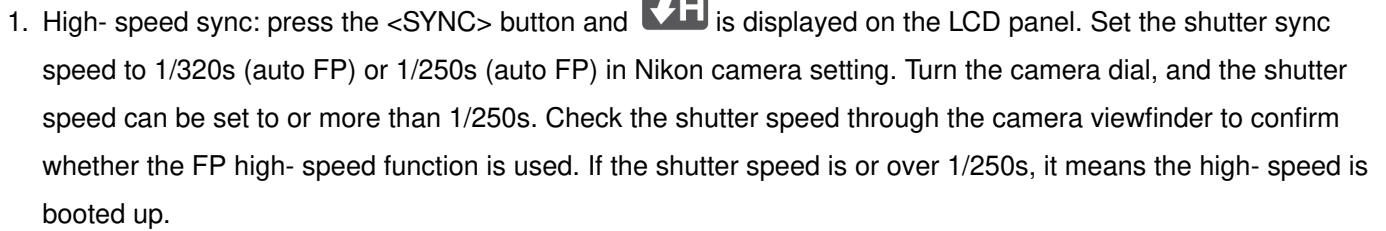
**Note:** the APP can be used directly on the firstly installed device (smartphone or tablet).

When changing to other mobile device, the light shall be reset before the normal usage of APP.

The Bluetooth initial password is 000000.



### Shutter Sync Settings






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




| Icons | Functions | Setting Icons | Settings and Descriptions |
|-------|-----------|---------------|---------------------------|
|       |           | CH            | 32 1- 32                  |
|       |           |               |                           |

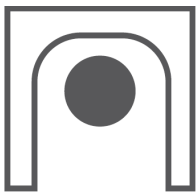
|   |           |        |   |
|---|-----------|--------|---|
|    | Wireless  | ID     | OFF off<br>1- 99 optional from 01- 99             |
|   |           | SCAN   | OFF: off START: Start scanning spare channel      |
|   |           | DIST   | 1-100m:1-100m triggering 0- 30m:0- 30m triggering |
|   |           | GROUPS | 5(A- E) 5 groups 16 0- F):16 groups               |
|  | Bluetooth | BLUE.T | 0FF: off ON: on                                   |
|   |           | RESET  | CANCEL: cancel RESET: Bluetooth reset             |



| Icons | Functions | Setting Icons | Settings and Descriptions |
|-------|-----------|---------------|---------------------------|
|       |           | ON            | Turn on multi flash       |

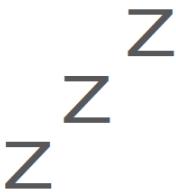

|  |                    |              |  |
|--|--------------------|--------------|--|
|  | Multi flash        | OFF          | Turn off multi flash                             |
|  |                    |              |  |
| DELAY  | HSS delay          | OFF          | Turn off HSS delay                               |
|  |                    | 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 0.3 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)  |   |
|       | Connect to L- 858  | 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 |   |
| 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  | PIKAD200   |   |
|       |  | 300j  | CITI300Pro   |   |
|       |  | 360j400j  | CITI400Pro   |   |
|       |  |   |  |   |

|   |                 |       |   |
|---|-----------------|-------|---|
|   |                 | 600j  | CITI600,600Pro  |
|   |                 | 1200j | CITI1200Pro   |
|  | Legacy hot shoe | OFF   | turn off legacy hot shoe  |
|   |                 | ON    | turn on legacy hot shoe, TTL flash is unavailable, HSS function is also unavailable |

| Icons   | Functions   | Setting Icons | Settings and Descriptions                             |
|---|-------------|---------------|---|
|   | TEST button | TRIGGER       | Trigger testing                                       |
|   |             | SHUTTER       | Shutter testing                                       |
| PC  | PC socket   | IN            | In port, enable ST-IV+ N to trigger flash             |
|   |             | OUT           | Out port, send trigger signals to trigger other flash |
|  | Beeper      | OFF           | turn off Beeper                                       |
|   |             | ON            | turn on Beeper  |
|   |             | 60 sec        | Enter sleep mode after 60 seconds of idle use         |
|   |             |               |   |

|   |                    |         |  |
|---|--------------------|---------|--|
|    | Sleep              | 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  |
|-------------|--------------------|---|---|
| STIV+ N     | —                  | CITI300Pro, CITI100Pro, CITI600, PIKA200, PIKA200pro, GIO1 series, Li-ion580III series, Li-ion580II series, Li-ion350S, STORMIII series, SK300IIV, SK400IIV, MS300V, DPIIseries, DPIII series |   |
|             | ST-III<br>Receiver | SB910/SB800/SB5000<br><br>Li-ion580N  | As there are so many camera flashes in the market which are compatible with Nikon Speedlight's, we do not test one by one. The flashes with Pixapro wireless USB port |
|             | Pro AC<br>Receiver | Hybrid360/RIKO400   | The flashes with Pixapro wireless USB port.   |
|             |                    |   |   |

|  |                  |                                       |                        |
|--|------------------|---------------------------------------|------------------------|
|  |                  | Storm series/Lumi Series, Kino Series | Can only be triggered. |
|  | ST-I<br>Receiver | Li-ion580N Li-ion580C Li-ion580M      |                        |

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

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

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

### Compatible Camera Models

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

D5 D4 D60 D70S D90 D100 D200 D300S D300 D500 D610 D700 D750 D800 D810 D3100 D3200 D3300 D5000 D5100 D5200 D5300 D7000 D710 Z6 Z6II Z7II D780 Zfc

1. This table only lists the tested camera models, not all Nikon 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+ N  |
| Compatible cameras          | Nikon cameras (i-TTL autoflows)<br>Support for the cameras that have PC sync socket |
| Power supply                | 2*AA batteries  |
| Flash Exposure Control      |   |
| i-TTL autoflows             | Yes   |
| Manual flash                | Yes   |
| Stroboscopic flash          | Yes   |
| Functions                   |   |
| High- speed sync            | Yes   |
| Second- c urtain sync       | Yes   |
| Flash exposure compensation | $\pm 3\text{EV}$ (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 or 24 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.) | 0-1 00m              |
| Built- in wireless           | 2.4GHz               |
| Modulation mode              | MSK                  |
| Channel                      | 32                   |
| Wireless ID                  | OFF, 01~99           |
| Group                        | 5 groups or16 groups |
| 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 lighted) 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 perflute is needed in TTL mode).

3. Whether the distance between the flash trigger and the flash is too close or not
  - Please turn on the "close distance wireless mode" on the flash trigger (0.5m):
  - Please set the MENU- – 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 Directive 2014/53/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 license-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.

### **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.

### **Inapplicable Cases**

The guarantee and service offered by this document are not applicable in the following cases:

1. The product or accessory has expired its warranty period;
2. Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding and damp environments, etc;
3. Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment;
4. The original identifying information of product or accessory is modified, alternated, or removed;
5. No valid warranty card;
6. Breakage or damage caused by using illegally authorized, nonstandard or non-public released software;
7. Breakage or damage caused by force majeure or accident;
8. Breakage or damage that could not be attributed to the product itself.

Once met these situations above, you should seek solutions from the related responsible parties and Pixapro assumes no responsibility.

The damage caused by parts, accessories and software that beyond the warranty period or scope is not included in our maintenance scope.

The normal discoloration, abrasion and consumption are not the breakage within the maintenance scope.

### **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, locking device, 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 is implemented 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 on the 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.

Documents / Resources

|   |   |
|---|---|
|   | <a href="#">PIXAPRO ST-IV+ TTL Wireless Flash Trigger</a> [pdf] Instruction Manual<br>ST-IV TTL Wireless Flash Trigger, ST-IV, TTL Wireless Flash Trigger, Wireless Flash Trigger, FI<br>ash Trigger, Trigger |
|  | <a href="#">PIXAPRO ST-IV+ TTL Wireless Flash Trigger</a> [pdf] Instruction Manual<br>ST-IV TTL Wireless Flash Trigger, ST-IV, TTL Wireless Flash Trigger, Wireless Flash Trigger, FI<br>ash Trigger, Trigger |

References

-  [Photography & Videography Lighting | Essential Photo](#)