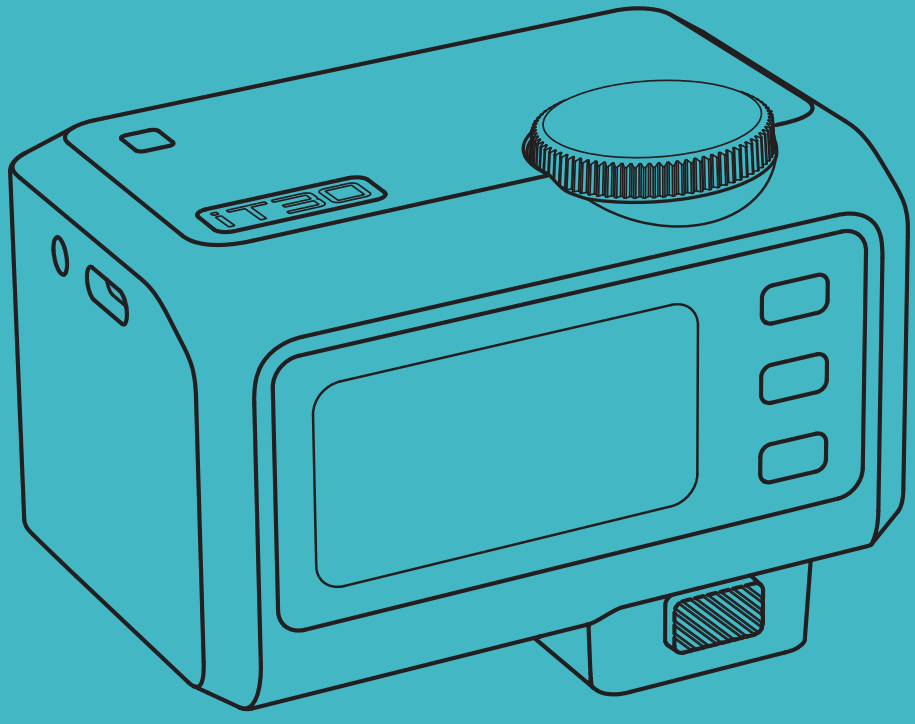
FLASHPOINT



FPLFIT30PSS

iT30PRO TTL Portable iFlash

Content

About This Instruction Manual

- This manual is based on the assumption that both the camera and camera flash's power switches are turned on.
- The following alert symbols are used in this manual:

The caution symbol indicates a warning to prevent shooting problem.

The note symbol gives supplemental information.

Important Safety Instructions

This product is a professional photographic equipment, to be operated by professional personnel only.

All transport protective materials and packaging on the product must be removed before use.

The following basic safety precautions must be followed when using this product:

1. Carefully read and fully understand the instruction manual before use and strictly follow the safety instructions. Failure to do so may result in serious injury, damage to the product, or other property damage.
2. This product is a professional lighting fixture, children are prohibited from using it. Children must be closely supervised by adults when approaching the fixture, to prevent collisions with the fixture or unauthorized use that could cause personal injury.
3. This is not an ordinary lighting fixture and must not be used for general illumination. Anyone with a history of eye damage or sensitivity should avoid using this fixture or looking directly at it.
4. Extreme caution must be exercised when using it, do not touch high-temperature parts such as flash tubes to avoid burns.

5. Do not point the flash directly at the eyes (especially baby's eyes) under any circumstances, as this could impair vision in a short time. Turn off immediately if discomfort occurs, stop using, and seek medical attention promptly.
6. If the flash tube is damaged, stop using it immediately and contact the manufacturer, service agent, or qualified repair personnel for a replacement to prevent accidents.
7. Do not use damaged equipment or accessories. Allow professional repair technicians to inspect and confirm normal operation before continuing use after repairs.
8. Stop using immediately if the product shell is cracked due to falling, squeezing, or strong impact, to avoid touching the internal electronic components and getting an electric shock.
9. This device is not waterproof. Keep it dry and avoid immersing it in water or other liquids. It should be installed in a ventilated and dry location and avoid using in rainy, humid, dusty, or overheated environments. Do not place items above the device or allow liquids to flow into it to prevent danger.
10. Do not disassemble without authorization. If the product malfunctions, it must be inspected and repaired by our company or authorized repair personnel.
11. Before storing the device, make sure it is completely cooled, then put it in the protective case or a ventilated dry location.

12. Do not place the device near alcohol, gasoline, or other flammable volatile solvents or gases such as methane and ethane.
13. Do not use or store this device in potentially explosive environments.
14. Do not use accessories not been approved by our company, as this may cause fire, electric shock or personal injury.
15. Clean gently with a dry cloth. Do not use a wet cloth as it may damage the device.
16. This product is powered by lithium batteries, who have limited lifespans and will gradually lose their charging capacities, which is irreversible. As the battery ages, the product's battery life will decrease. The lifespan of lithium battery is estimated to be 2 to 3 years.
17. This instruction manual is based on rigorous testing. Changes in design and specifications are subject to change without notice. Check official website for latest instruction manual and product updates.
18. Confirm and comply with all relevant local laws and regulations when handling any batteries.
19. The warranty period for this device as a whole is one year. Consumables (such as batteries), adapters, power cords, and other accessories are not covered by the warranty.
20. Unauthorized repairs will void the warranty and will incur charges.
21. Failures from improper operation is not covered under warranty.

Foreword

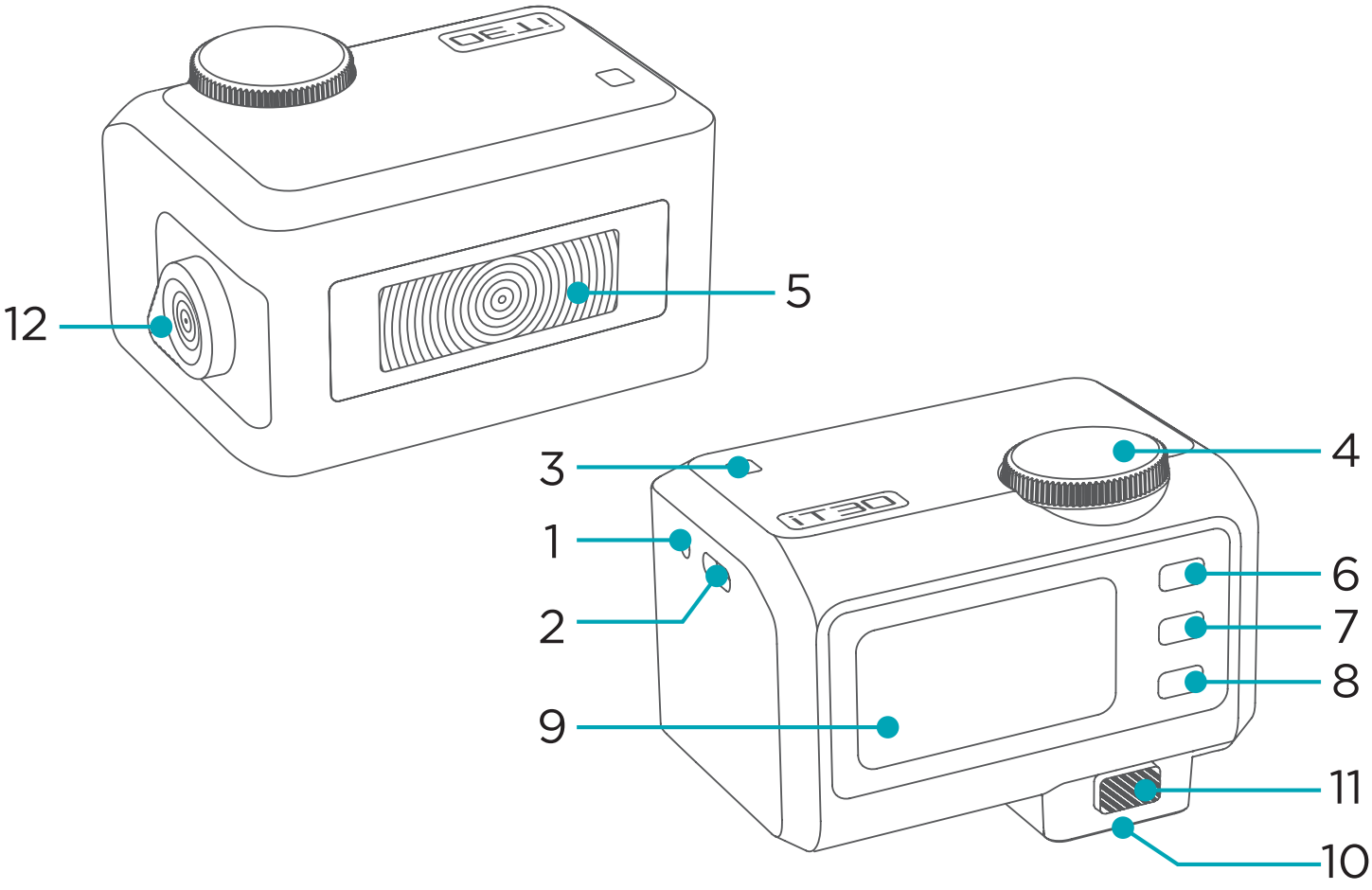
Thank You for Choosing FLASHPOINT!

Flashpoint's new camera flash **iT30Pro** redefines the portable flash experience with its compact size and excellent flash performance. With the advanced TTL auto flash technology, you can enjoy unprecedented shooting convenience even with frequent changes in lighting conditions. Its main features include:

- **Quick Operations:** Colorful touch screen together with traditional buttons to achieve clear and easy operations.
- **TTL Compatibility:** Perfectly supports TTL auto flash to simplify the shooting procedure.
- **Wireless Control Ability:** 2.4G wireless flash triggering extends more shooting possibilities.
- **Professional Functions:** Supports manual flash, Multi flash, high-speed sync, second-curtain sync, FEC, etc.
- **Effective Power Supply:** 7.2V/900mAh lithium battery provides 560 flashes and 1.5s recycle time at full power.
- **Firmware Upgrade:** Firmware is updated regularly to be compatible with the latest camera models and ensure optimal performance.
- **Camera Compatibility: iT30Pro S** is compatible with Sony cameras.

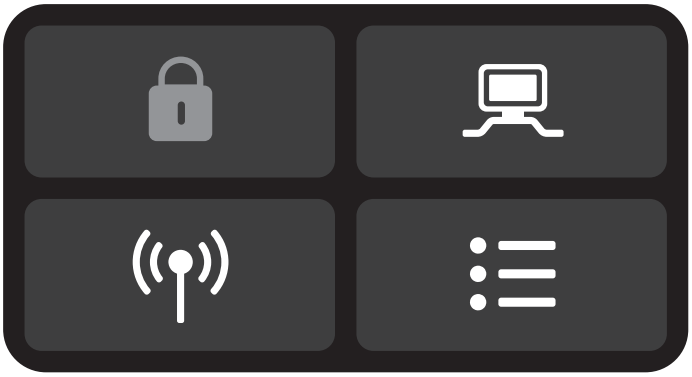
Name of Parts

Flash Body



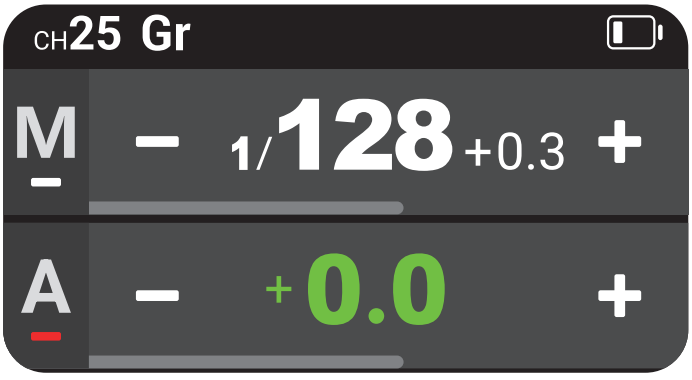
1. Sync Cord Jack
2. USB-C Port (for charging or firmware upgrade)
3. Photocell Sensor
4. Select Dial
5. Flash Tube
6. SET Button
7. MENU Button
8. ⏻/ϟ Button
9. Touch Screen
10. Hot Shoe
11. Detach Button
12. WN Switch

Touch Screen Panel



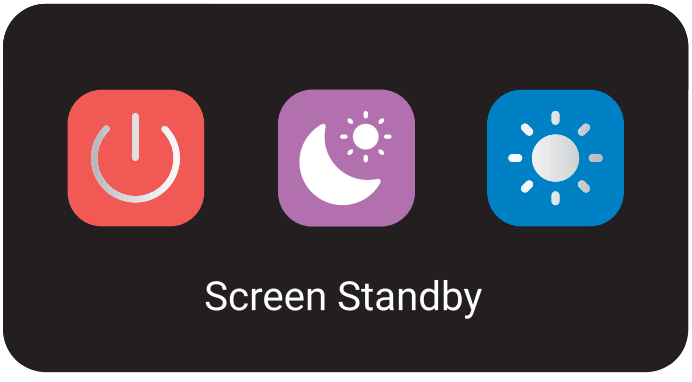
Menu Interface

Wi-Off Mode Interface



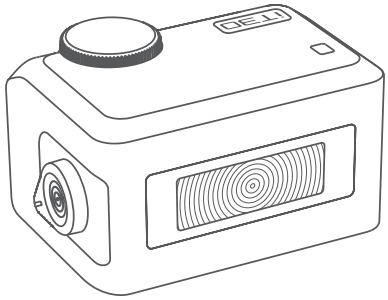
Sender Mode Interface

Receiver Mode Interface

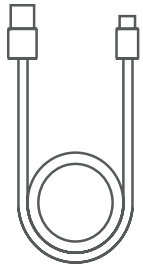


Settings Interface

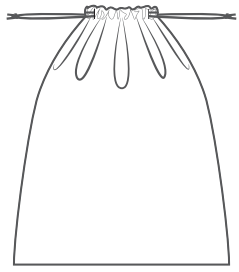
What's Inside



Flash Body



USB-C Charging Cable

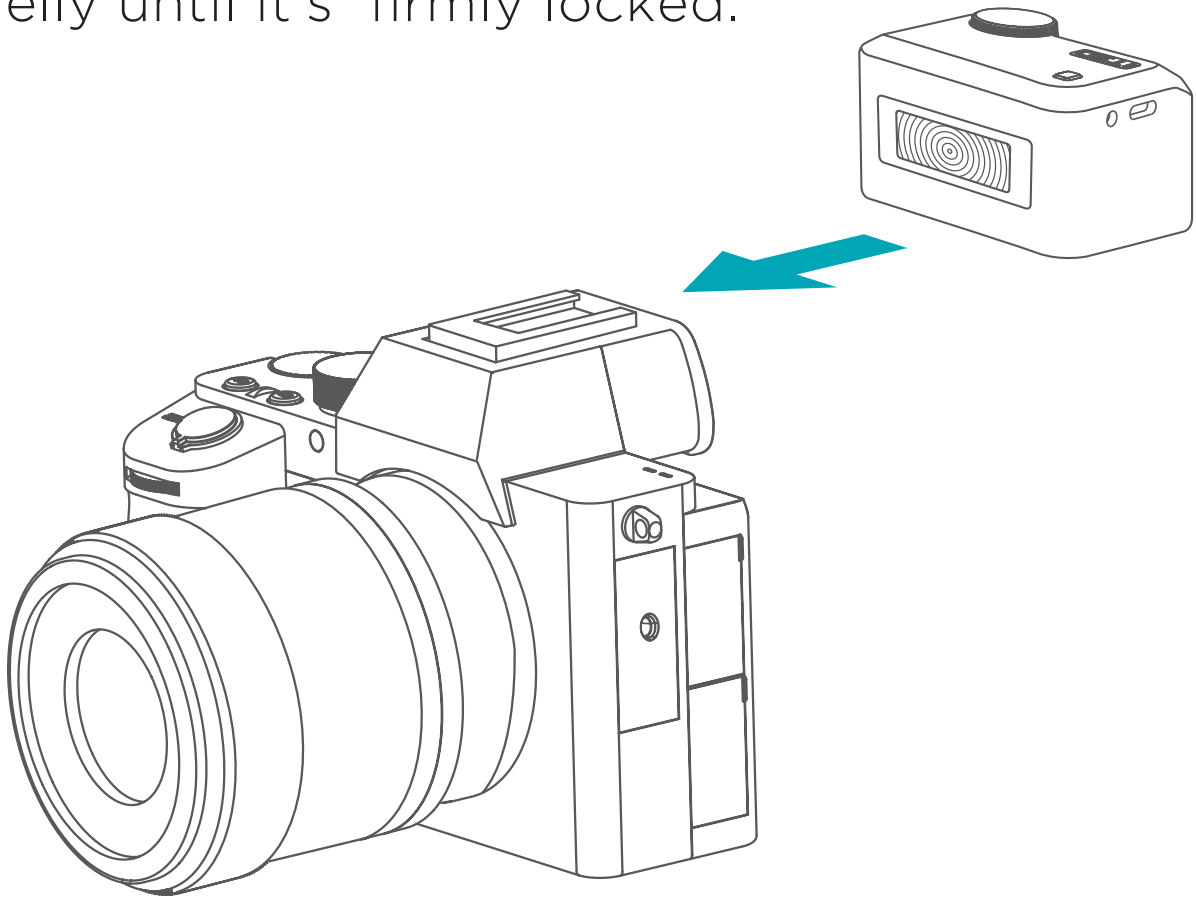


Storage Bag

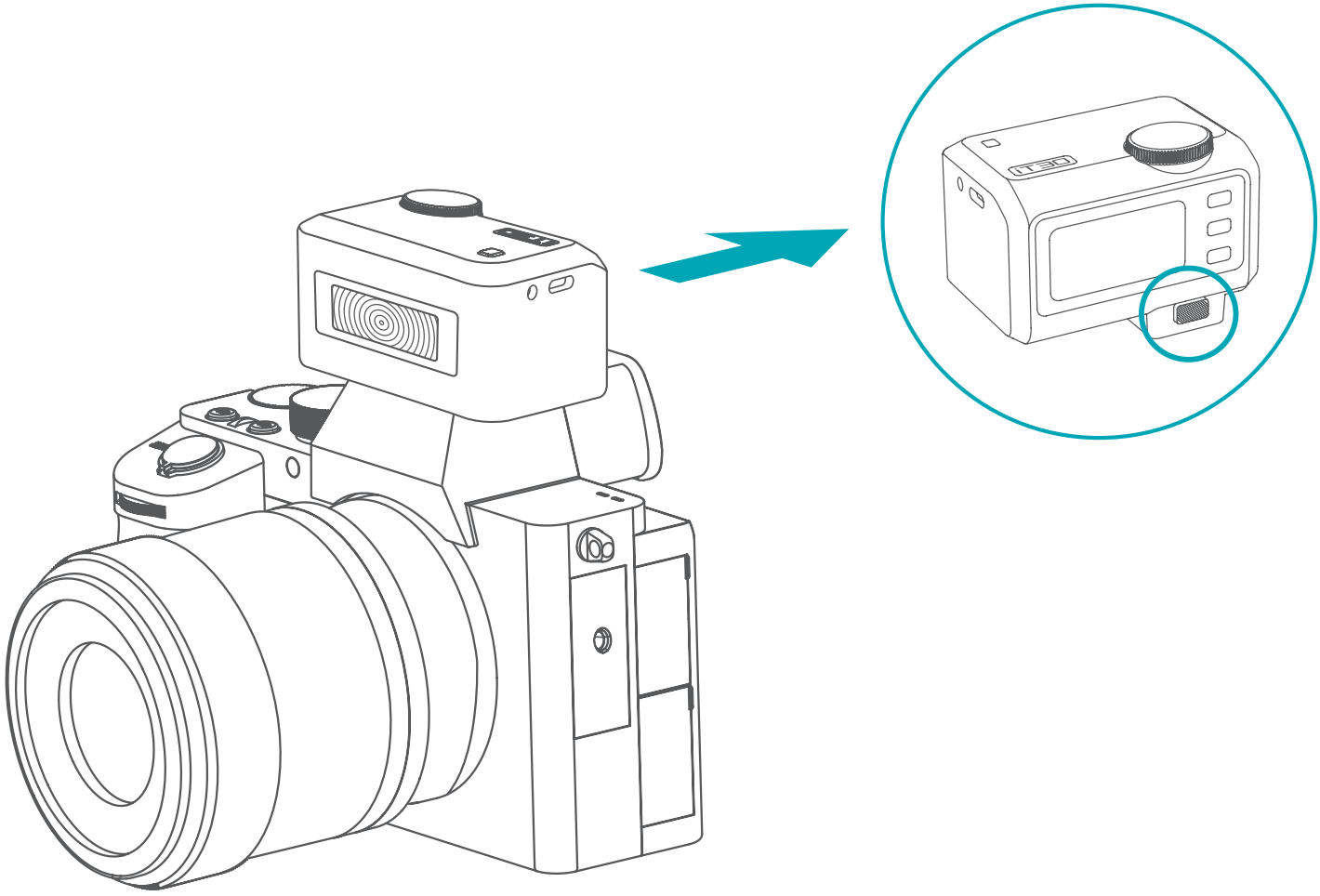
Instruction Manual

Installing/Disassembling the Camera Flash

Insert the camera flash into the camera hot shoe base parallelly until it's firmly locked.



Press and hold the detach button, take off the flash from the camera hot shoe base parallelly.



Please make sure the flash and camera are powered off before installing and disassembling.

Battery Level Indication

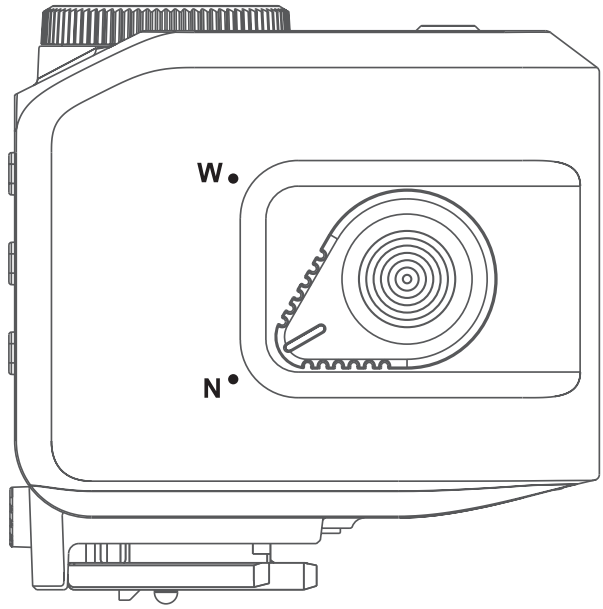
Check the battery level indication on the LCD panel to see the remaining battery level.

Battery Level Indication	Meaning
3 grids	Full
2 grids	Middle
1 grid	Low
Blank grid	Lower battery, please recharge it.
Blinking	The battery level is going to be used out, and the flash is not functional in this status. **Note:** Please recharge the battery as soon as possible (within 10 days). Then, the battery can be used or be placed for long period.

WN Switch

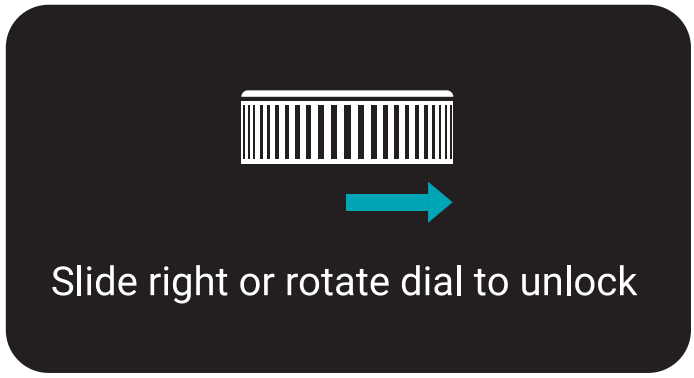
W Mode: The wide-angle diffuser is turned on in W mode, the < W > icon is appeared on the display, the flash range is extended, and a more uniform flash at a closer distance.

N Mode: When switching to N mode, a relatively high light intensity can be maintained over a long distance compared to W mode to a certain extent.



Power Switch

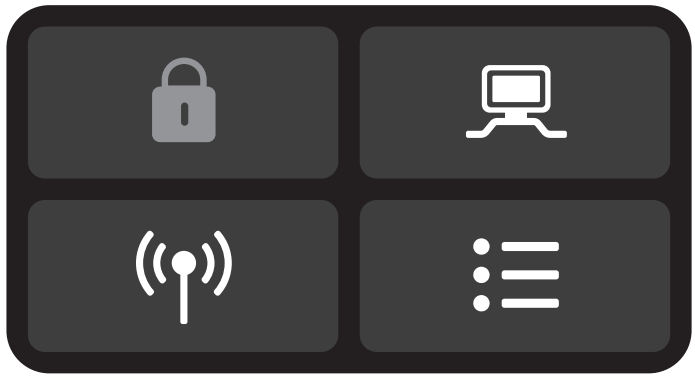
Power on: Press and hold the ⏻/ϟ button until the icon appears, then slide right on the screen or rotate anticlockwise the select dial to unlock. The device will turn off automatically if it stays locked for 6 seconds after power on.



Power Off: Press and hold the ⏻/ϟ button until the screen blacks out.

Wi-Off Mode

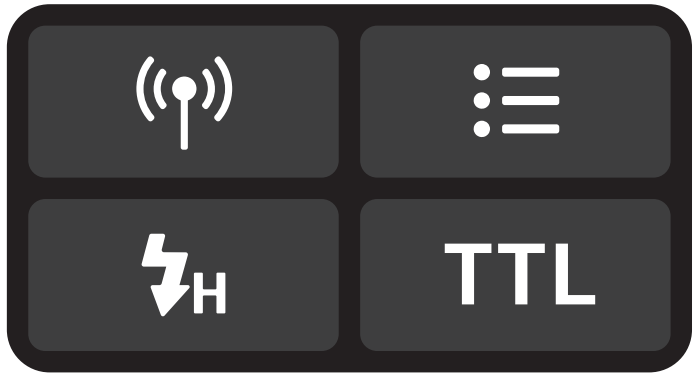
Touch Screen: Slide the screen top-down to enter menu interface, click the wi-off/sender/receiver icon to choose < > and enter wi-off mode.



Buttons and Select Dial: Press the MENU button to enter menu interface, rotate the select dial to choose the wi-off/sender/receiver icon, then press the SET button to choose < > and enter wi-off mode.

TTL: TTL Auto Flash

In TTL mode, the camera's metering system detects the flash reflected from the subject and automatically adjusts the flash output so that the subject and background are evenly exposed.



Touch Screen: Slide the screen top-down to enter menu interface, click the M / Multi / TTL icon to choose **< TTL >** and enter TTL auto flash mode. Press the **"-"** or **"+"** icon to adjust the FEC amount among ±3 with ±1/3 increment each step, or directly pull the progress bar to achieve quick adjustment.

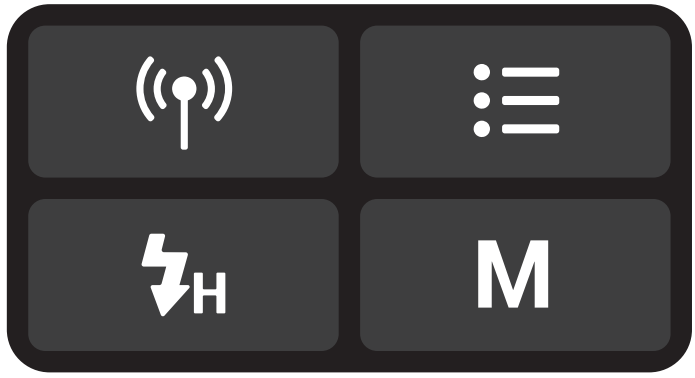
Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the M / Multi / TTL icon, then press the **SET** button to choose **< TTL >** and enter TTL auto flash mode. Rotate the select dial to adjust the FEC amount among ±3 with ±1/3 increment each step, quick adjustment is also available by fast rotation.

When the shutter is fully pressed, the flash will fire a pre-flash that the camera will use to calculate exposure and flash output the instant before the photo is taken.

M: Manual Flash

The flash output is adjustable from 1/128 to 1/1 with 1/3 increment each step. To obtain a correct flash exposure, use a handheld flash meter to determine the required flash output.

Touch Screen: Slide the screen top-down to enter menu interface, click the M/Multi/TTL icon to choose **< M >** and enter M manual flash mode. Press the **"-"** or **"+"** icon to adjust the power with ±1/3 increment each step, or directly pull the progress bar to achieve quick adjustment.



Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the M/Multi/TTL icon, then press the **SET** button to choose **< M >** and enter M manual flash mode. Rotate the select dial to adjust the power with ±1/3 increment each step, quick adjustment is also available by fast rotation.

S1 Photocell Unit Setting

In M manual flash mode, this flash can function as an optic S1 secondary flash with optic sensor. With this function, the flash will fire synchronously when the main flash fires, the same effect as that by the use of wireless triggers. This helps create multiple lighting effects.

S2 Photocell Unit Setting

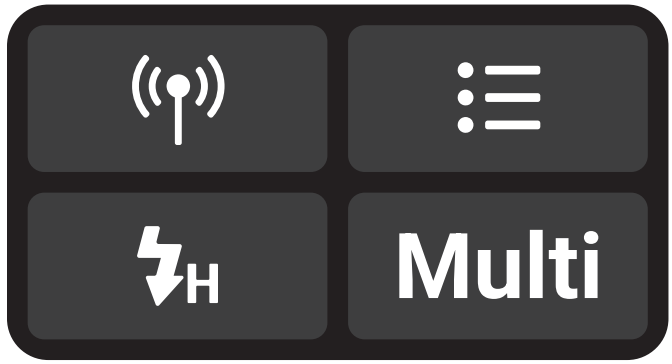
In M manual flash mode, this flash can also function as an optic S2 secondary flash with optic sensor. This is useful when cameras have pre-flash function. With this function, the flash will ignore a single **"pre-flash"** from the main flash and will only fire in response to the second, actual flash from the main flash.

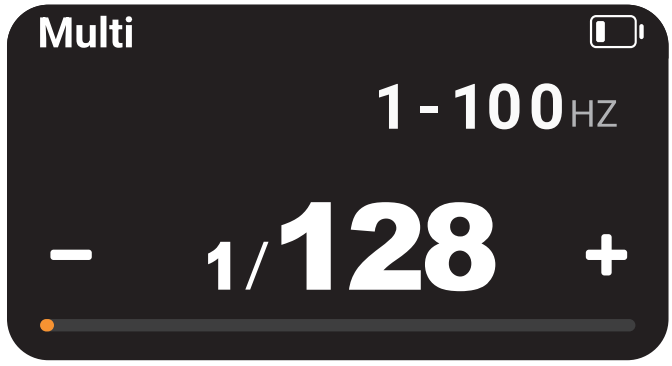
- S1 and S2 Photocell triggering is only available in M manual flash mode.
- Enter setting interface to switch between S1/S2 Photocell or turn off this function.

Multi: Stroboscopic Flash

With slow shutter speed in multi flash mode, a rapid series of flashes is fired. It can be used to capture multiple images of a moving subject in a single photograph. You can set the flash frequency (number of flashes per sec. expressed as Hz), the number of flashes, and the flash output.

Flash output range: 1/128-1/4
Number of flashes: 1-100
Flash frequency: 1-100





Touch Screen: Slide the screen top-down to enter menu interface, click the M / Multi / TTL icon to choose **< Multi >** and enter multi flash mode. Press the **"-"** or **"+"** icon can adjust the flash power, press the upper number icon to enter the number of flashes and flash frequency adjustment interface. Slide the number in front of **"Times"** can adjust the number of flashes, slide number in front of **"Frequency"** can adjust the flash frequency.

Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the M / Multi / TTL icon, then press the **SET** button to choose **< Multi >** and enter multi flash mode. Directly rotate the select dial can adjust the flash power. Press the **SET** button to choose the upper icons of number of flashes or flash frequency, then rotate the select dial can adjust the respective parameters. Quick adjustment is also available by fast rotation.

Calculating the Shutter Speed

During multi flash, the shutter remains open until the firing stops. Use the formula below to calculate the shutter speed and set it with the camera.

Number of Flashes / Flash Frequency = Shutter Speed

For example, if the number of flashes is 10 and the flash frequency is 5Hz, the shutter speed should be at least 2 seconds.

To avoid overheating and deteriorating the flash head, do not use multi flash more than 10 times in succession. After 10 times, allow the camera flash to rest for at least 15 minutes. If you try to use the multi flash more than 10 times in succession, the firing might stop automatically to protect the flash head. If this happens, allow at least 15 minutes' rest for the camera flash.

- Multi flash is most effective with a highly reflective subject against a dark background.
- Using a tripod and TTL flash trigger R2 XPro II is recommended.
- A flash output of 1/1 and 1/2 cannot be set for multi flash.
- Multi flash can also be used with **"BULB"** mode.
- Multi flash mode cannot be set in high-speed sync mode.

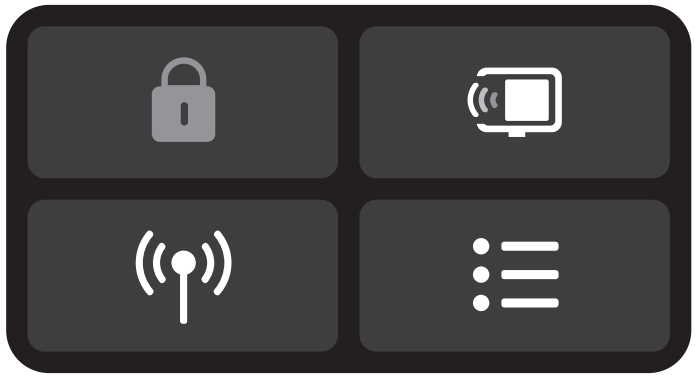
Maximum Time of Consecutive Flashes:

Flash Frequency (Hz) / Number of Flashes / Flash Output	1	2	3	4	5	6-7	8-9
1/4	8	6	4	3	3	2	2
1/8	14	14	12	10	8	6	5
1/16	30	30	30	20	20	20	10
1/32	60	60	60	50	50	40	30
1/64	90	90	90	80	80	70	60
1/128	100	100	100	100	100	90	80

Flash Frequency (Hz) / Number of Flashes / Flash Output	10	11	12-14	15-19	20-50	60-100
1/4	2	2	2	2	2	2
1/8	4	4	4	4	4	4
1/16	8	8	8	8	8	8
1/32	20	20	20	18	16	12
1/64	50	40	40	35	30	20
1/128	70	70	60	50	40	40

Sender Mode

Touch Screen: Slide the screen top-down to enter menu interface, click the wi-off/sender/receiver icon to choose **<** **>** and enter sender mode.

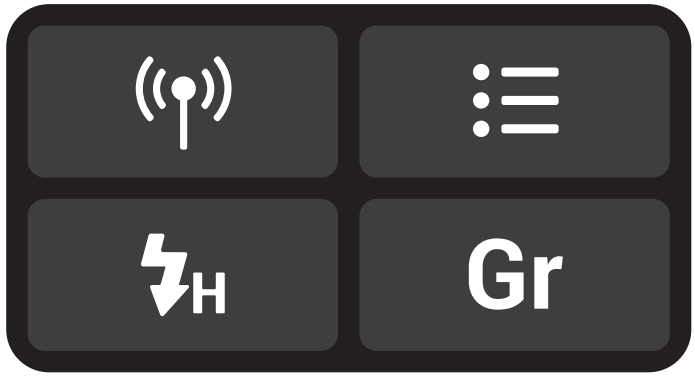


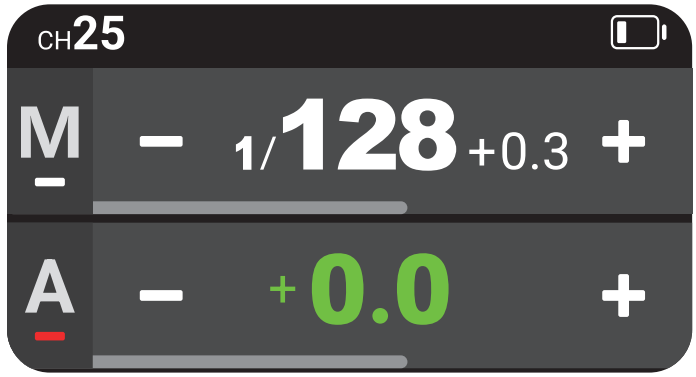
Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the wi-off/sender/receiver icon, then press the **SET** button to choose **<** **>** and enter sender mode.

Gr. Sender Group

Groups: M, A, B, C, D

Flash Modes: TTL auto flash mode/M manual flash mode

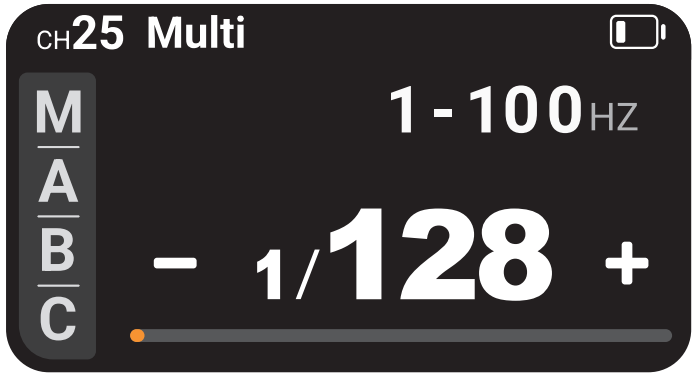




Touch Screen: Slide the screen top-down to enter menu interface, click the Gr / Multi icon to choose **< Gr >**. Slide the screen up to enter Gr interface, then slide up to check more groups. Press and hold the group box to switch among M (manual) flash, TTL auto flash and OFF. If the value inside is in white color, this group is in M (manual) flash mode and the value is flash power. If the value inside is in green color, this group is in TTL auto flash mode and the value is flash compensation amount. The flash power and flash compensation amount are adjustable by clicking the **"-"** or **"+"** icon, or quickly adjustable by pulling the progress bar. OFF inside the group box means this group is turned off.

Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the Gr / Multi icon, then press the **SET** button to choose **< Gr >**. Press the **MENU** to enter Gr interface, rotate the select dial to check more groups. Rotate the select dial to choose a group, press and hold the **SET** button to switch among M (manual) flash, TTL auto flash and OFF. Then press the **SET** button to enter the group settings, and rotate the select dial to adjust the flash power and flash compensation amount.

Multi: Stroboscopic Flash



Touch Screen: Slide the screen top-down to enter menu interface, click the Gr / Multi icon to choose **< Multi >**, then slide the screen up to enter Multi interface. Press the left group icon can choose among M, A, B and C groups, or turn off the group. Press the upper number icon to enter the number of flashes and flash frequency adjustment interface, slide the number in front of **"Times"** can adjust the number of flashes, slide number in front of **"Frequency"** can adjust the flash frequency. Press the **"-"** or **"+"** icon can adjust the flash power.

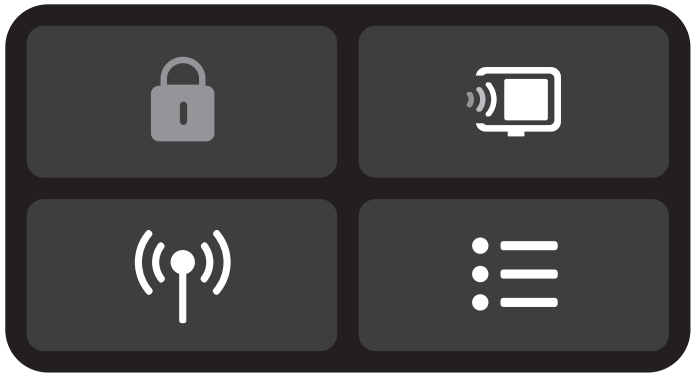
Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the Gr / Multi icon, then press the **SET** button to choose **< Multi >**. Press the **MENU** button to enter Multi interface, press the **SET** button to enter parameters adjustment, rotate the select dial to choose among number of flashes, flash frequency, group and flash power.

1. Select **"Times"** or **"Frequency"**, press the **SET** button then rotate the select dial to adjust number of flashes or flash frequency, finally press the **SET** button to exit.
2. Select group, press the **SET** button then rotate the select dial to choose among M, A, B and C groups, or turn off the group, finally press the **SET** button to exit.
3. Select flash power, press the **SET** button then rotate the select dial to adjust the flash power.

The details of which please refer to the section Wi-Off mode → **multi:** stroboscopic flash above.

Receiver Mode

Touch Screen: Slide the screen top-down to enter menu interface, click the wi-off/sender/receiver icon to choose **<** **>** and enter receiver mode.



Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the wi-off/sender/receiver icon, then press the **SET** button to choose **<** **>** and enter receiver mode.

TTL: TTL Auto Flash

Touch Screen: Slide the screen top-down to enter menu interface, click the M / Multi / TTL icon to choose **< TTL >** and enter TTL auto flash mode. Press the group icon to choose among A, B, C and D groups.

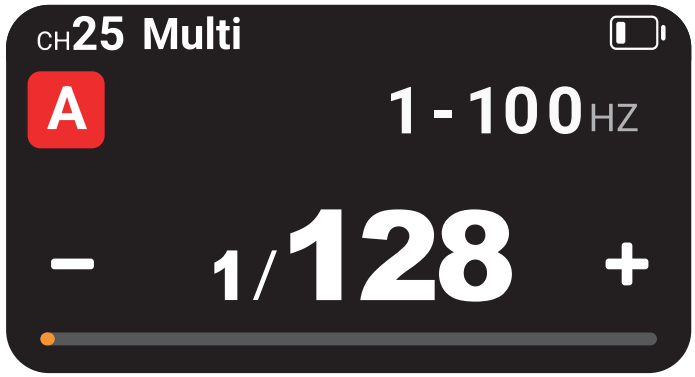
Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the M / Multi / TTL icon, then press the **SET** button to choose **< TTL >** and enter TTL auto flash mode. Press the **SET** button to choose group icon, then rotate the select dial to choose among A, B, C and D groups.

M: Manual Flash

Touch Screen: Slide the screen top-down to enter menu interface, click the M / Multi / TTL icon to choose **< M >** and enter M manual flash mode. Press the group icon to choose among A, B, C and D groups. Press the **"-"** or **"+"** icon to adjust the power, or directly pull the progress bar to achieve quick adjustment.

Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the M / Multi / TTL icon, then press the **SET** button to choose **< M >** and enter M manual flash mode. Press the **SET** button to choose group icon, then rotate the select dial to choose among A, B, C and D groups. Directly rotate the select dial to adjust the power, quick adjustment is also available by fast rotation.

Multi: Stroboscopic Flash



Touch Screen: Slide the screen top-down to enter menu interface, click the M / Multi / TTL icon to choose **< Multi >** and enter Multi interface. Press the left group icon can choose among A, B, C and D groups. Press the upper number icon to enter the number of flashes and flash frequency adjustment interface, slide the number in front of **"Times"** can adjust the number of flashes, slide number in front of **"Frequency"** can adjust the flash frequency. Press the **"-"** or **"+"** icon can adjust the flash power.

Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the M / Multi / TTL icon, then press the **SET** button to choose **< Multi >**. Press the **MENU** button to enter Multi interface, press the **SET** button to enter parameters adjustment, rotate the select dial to choose among number of flashes, flash frequency, group and flash power.

1. Select **"Times"** or **"Frequency"**, press the **SET** button then rotate the select dial to adjust number of flashes or flash frequency, finally press the **SET** button to exit.

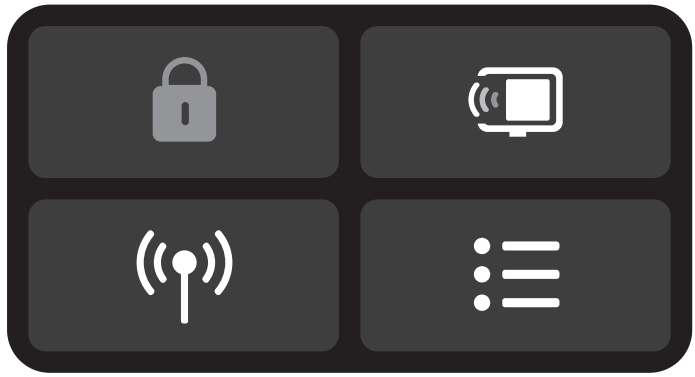
2. Select group, press the **SET** button then rotate the select dial to choose among A, B, C and D groups, finally press the **SET** button to exit.
3. Select flash power, press the **SET** button then rotate the select dial to adjust the flash power.

> The details of which please refer to the section Wi-Off mode → **multi:** stroboscopic flash above.

High-speed Sync

High speed sync (FP flash) enables the flash to synchronize with all camera shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.

Touch Screen: Slide the screen top-down to enter menu interface, click the < HSS > icon to turn on or off high-speed sync.



Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the < HSS > icon, then press the **SET** button to turn on or off high-speed sync.

> The minimal flash power is 1/16 in HSS mode.

Second-Curtain Sync

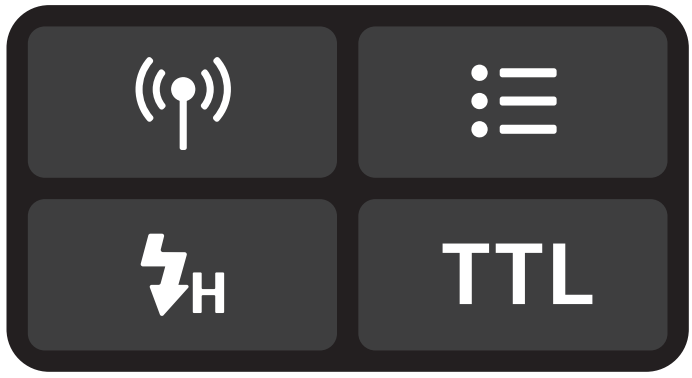
With a slow shutter speed and second-curtain sync, you can create a light train following the subject. The flash fires right before the shutter closes. Choose REAR flash mode in the settings of Sony camera for iT30Pro S.

Screen Lock

Touch Screen: Slide the screen top-down to enter menu interface, click the **< 🔒 >** icon to turn on the screen lock function. Press and hold the screen for 2s to unlock.

Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the **< 🔒 >** icon, then press the **SET** button to turn on the screen lock function. Press and hold the **SET** button for 2s to unlock.

Wireless Settings

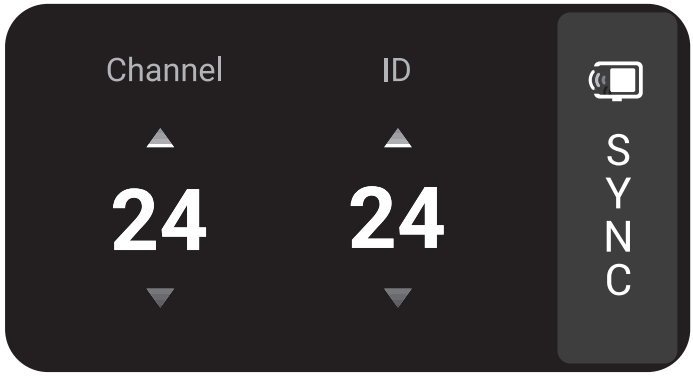


Touch Screen: Slide the screen top-down to enter menu interface, click the < > icon to enter wireless settings.

Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the < > icon, then press the **SET** button to enter wireless settings.

Channel Settings

If there are other wireless flash systems nearby, you can change the wireless channels to prevent signal interference. The wireless channels (01-32) of the sender unit and the receiver unit(s) must be set to the same.



Touch Screen: Slide the **"Channel"** box to choose your desired channel.

Buttons and Select Dial: Rotate the select dial to choose **"Channel"** box, then press the **SET** button to enter channel settings, rotate the select dial and press the **SET** button to choose your desired channel, finally press the **SET** button to exit.

ID Settings

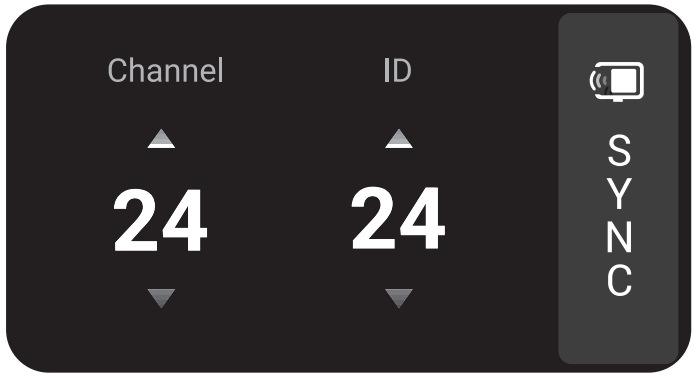
Change the wireless ID to avoid interference for it can only be triggered after the wireless IDs (OFF/01-99) of the sender unit and the receiver unit are set to the same.

Touch Screen: Slide the **"ID"** box to turn off the ID, or choose your desired ID.

Buttons and Select Dial: Rotate the select dial to choose **"ID"** box, then press the **SET** button to enter ID settings, rotate the select dial and press the **SET** button to choose your desired ID, finally press the set button to exit.

Wireless Sync

The wireless sync function helps the sender and receiver to quickly set the same channel and ID.



Receiver Wireless Sync

Preconditions:

1. Set iT30 Pro to sender mode, details of which please refer to the sender mode above.
2. Assume retro camera flash Lux Master as the receiver.

   Touch Screen: Click the **"SYNC"** icon on both iT30 Pro and Lux Master.

   Buttons and Select Dial: Rotate the select dial on iT30 Pro to choose **"SYNC"** icon, then press the **SET** button. Rotate the select dial on Lux Master to choose **"SYNC"** icon, then press the **SET** button.

Sender Wireless Sync

Preconditions:

1. Set iT30 Pro to receiver mode, details of which please refer to the receiver mode above.
2. Assume flash trigger R2 nano as the sender.

   Touch Screen: Click the **"SYNC"** icon on both iT30 Pro and R2 nano.

   Buttons and Select Dial: Rotate the select dial on iT30 Pro to choose **"SYNC"** icon, then press the **SET** button. Rotate the select dial on R2 nano to choose **"SYNC"** icon, then press the select dial.

   When the sender unit and receiver unit are both iT30 Pro, wireless sync is also available.

C.Fn Settings

Touch Screen: Slide the screen top-down to enter menu interface, click the < ☰ > icon to enter C.Fn settings interface.

Buttons and Select Dial: Press the **MENU** button to enter menu interface, rotate the select dial to choose the < ☰ > icon, then press the **SET** button to enter C.Fn settings interface.

Due to the difference in the menu order of different models, the specific menu ordering is subject to the actual product models, the following only explains the menu functions.

Icon	Function	Options	Description
S1 S2	Photocell	S1	The flash will fire synchronously when the main flash fires, only available in M manual flash mode.
		S2	The flash will ignore a single "pre-flash" from the main flash and will only fire in response to the second, actual flash from the main flash, only available in M manual flash mode.
TCM	TCM	On	Flash value of TTL mode can be converted to the power value of M mode.
		Off	Turn off this function.
	Standby	On	Automatically standby after the set time (90 seconds) of idle use.
		Off	Do not automatically standby after the set time (90 seconds) of idle use.

Icon	Function	Options	Description
	Auto Off	Off	Turn off auto power off function.
		30 min	The flash will automatically shut down after 30 minutes of idle use.
		60 min	The flash will automatically shut down after 60 minutes of idle use.
		90 min	The flash will automatically shut down after 90 minutes of idle use.
	Screen Standby	30 sec	Screen standby after 30 seconds of idle use.
		1 min	Screen standby after 1 minute of idle use.
		2 min	Screen standby after 2 minute of idle use.
		3 min	Screen standby after 3 minute of idle use.
	Screen Brightness	/	Pull the progress bar or turn the select dial to adjust the screen brightness.
	New Agreement	On	The agreement is on by default.
		Off	Turn off when the camera is not compatible with the flash trigger.
	Language	Simplified Chinese	Simplified Chinese system
		English	English system
	Factory Reset	Apply	Factory reset
		Cancel	Cancel factory reset
	Device Info	/	Display the device model and firmware version, download the latest firmware from the official website for update.

Wireless Flash Shooting (2.4G Wireless Transmission)

This chapter mainly explains how to perform wireless multiple shooting with 2.4G wireless transmission by using iT30 Pro as the sender unit (refer to as "sender unit" below) and Flashpoint flashes with 2.4G wireless receiving function such as iT30 Pro, Xplor 100PRO or X100 as the receiver unit (refer to as "receiver unit" below).

As a sender unit, iT30 Pro can control various receiver units with Flashpoint wireless R2 system such as Xplor 100Pro, X100, Xplor 600Pro II, Xplor 600SE, eVOLV 200Pro II and Flashback master.

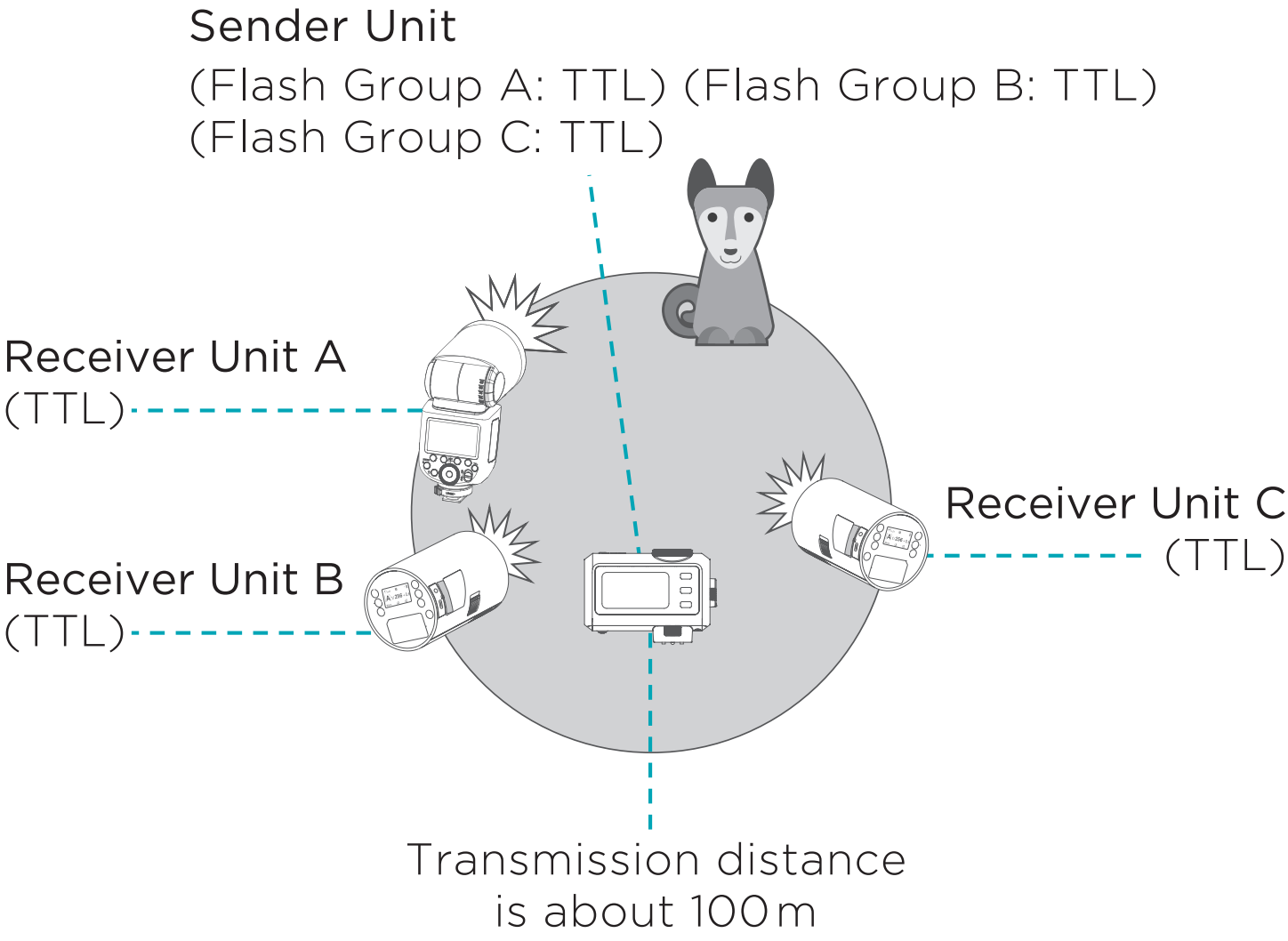
The channel, group, and ID of the sender and receiver units should be set to the same, details of which please refer to the wireless settings section above.

- The above listed are only popular models that can be controlled by iT30 Pro, please refer to the official website for more controllable models.

TTL: Wireless Multiple Flash Shooting in TTL Auto Flash Mode

Set the flash groups (A, B and C) of iT30 Pro (sender unit) as **< TTL >**, no need to set the receiver units and they will perform wireless multiple flash shooting in auto flash. Set the FEB value on sender unit, no need to set the receiver units and they will follow the sender.

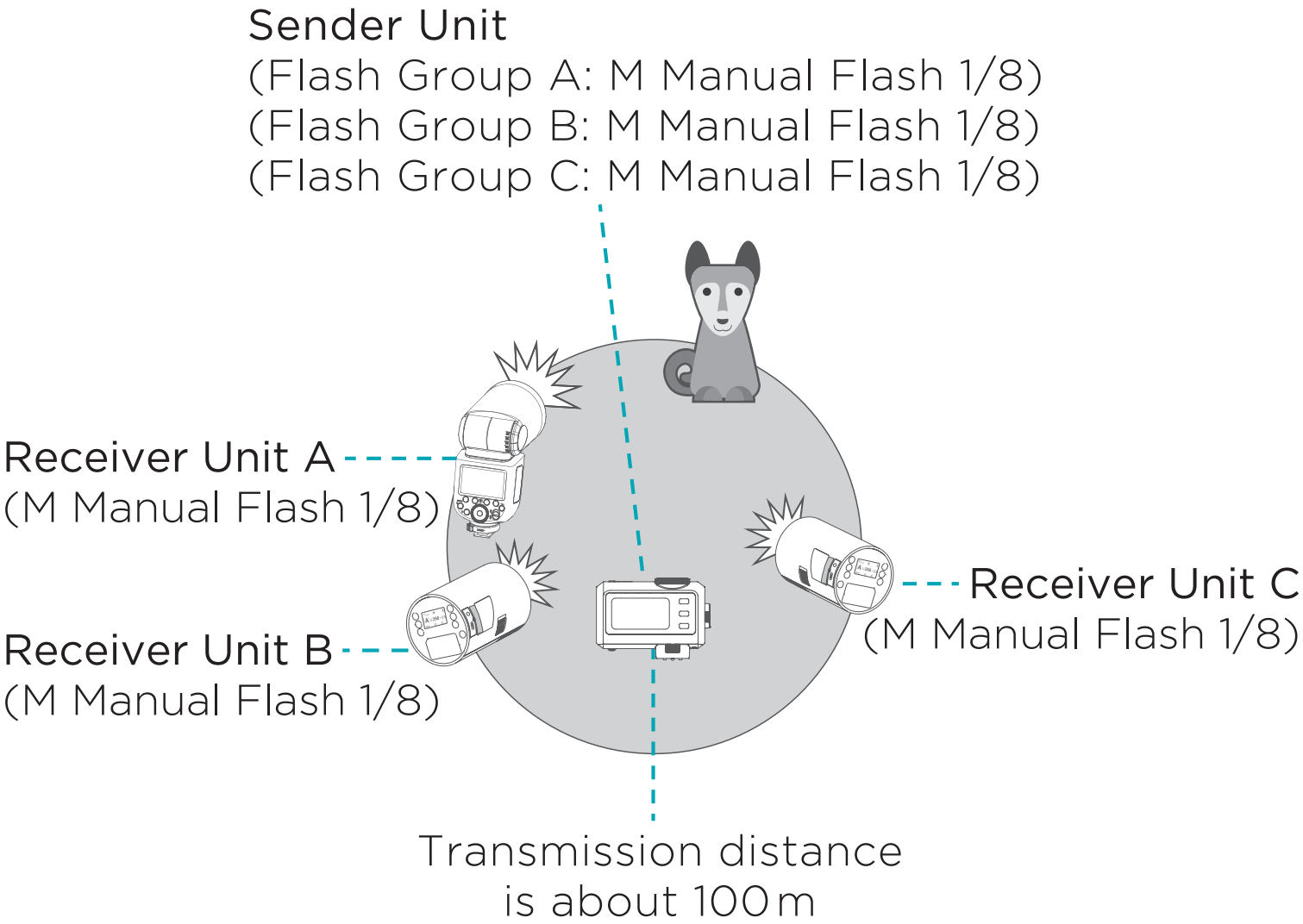
- Auto Flash Shooting with Multiple Receiver Units



M: Wireless Multiple Flash Shooting in M Manual Flash Mode

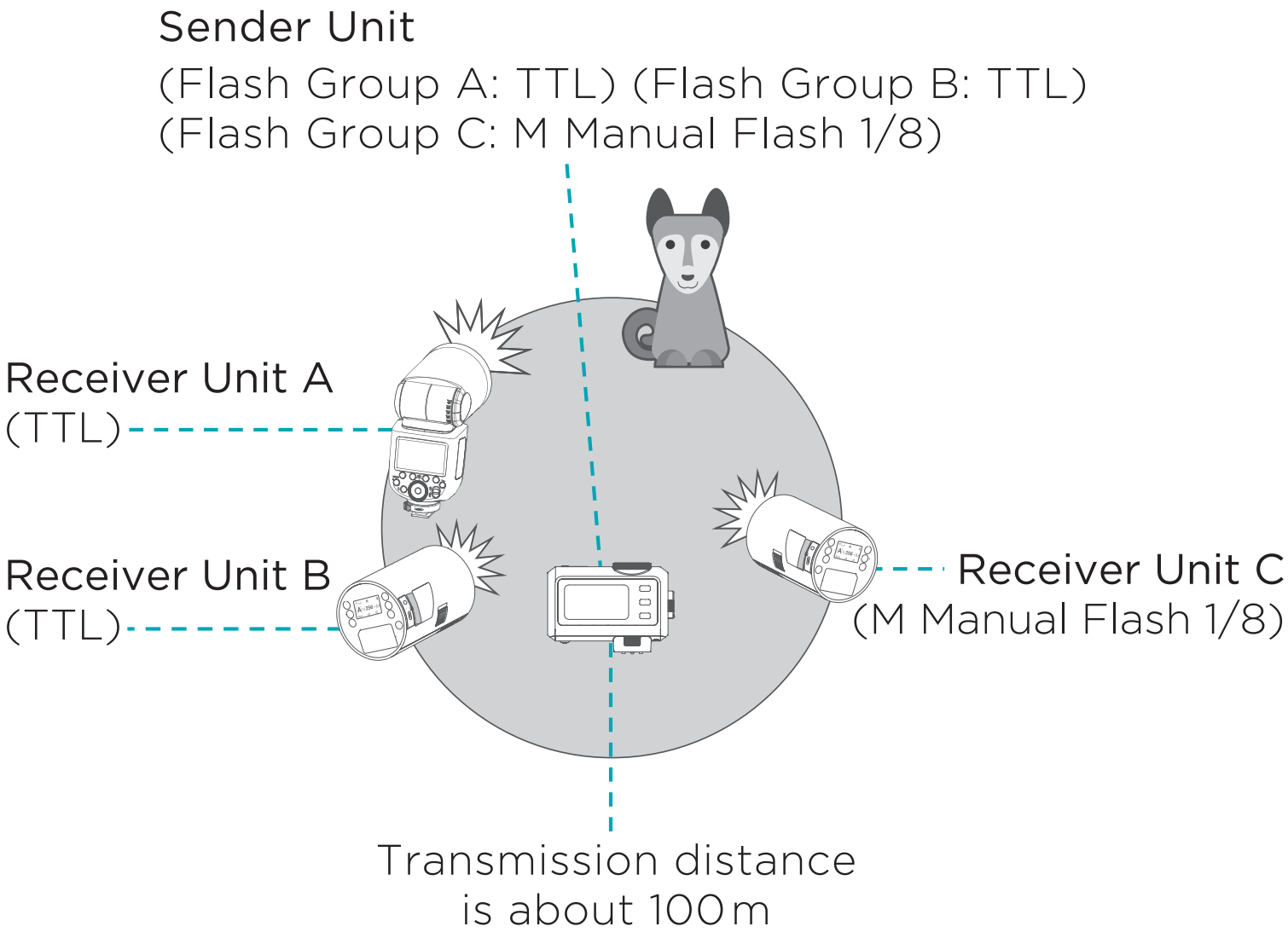
Set the flash groups (A, B and C) of iT30 Pro (sender unit) as either the same or different flash output power, no need to set the receiver units and they will perform wireless multiple flash shooting by following the sender.

- Manual Flash Shooting with Multiple Receiver Units



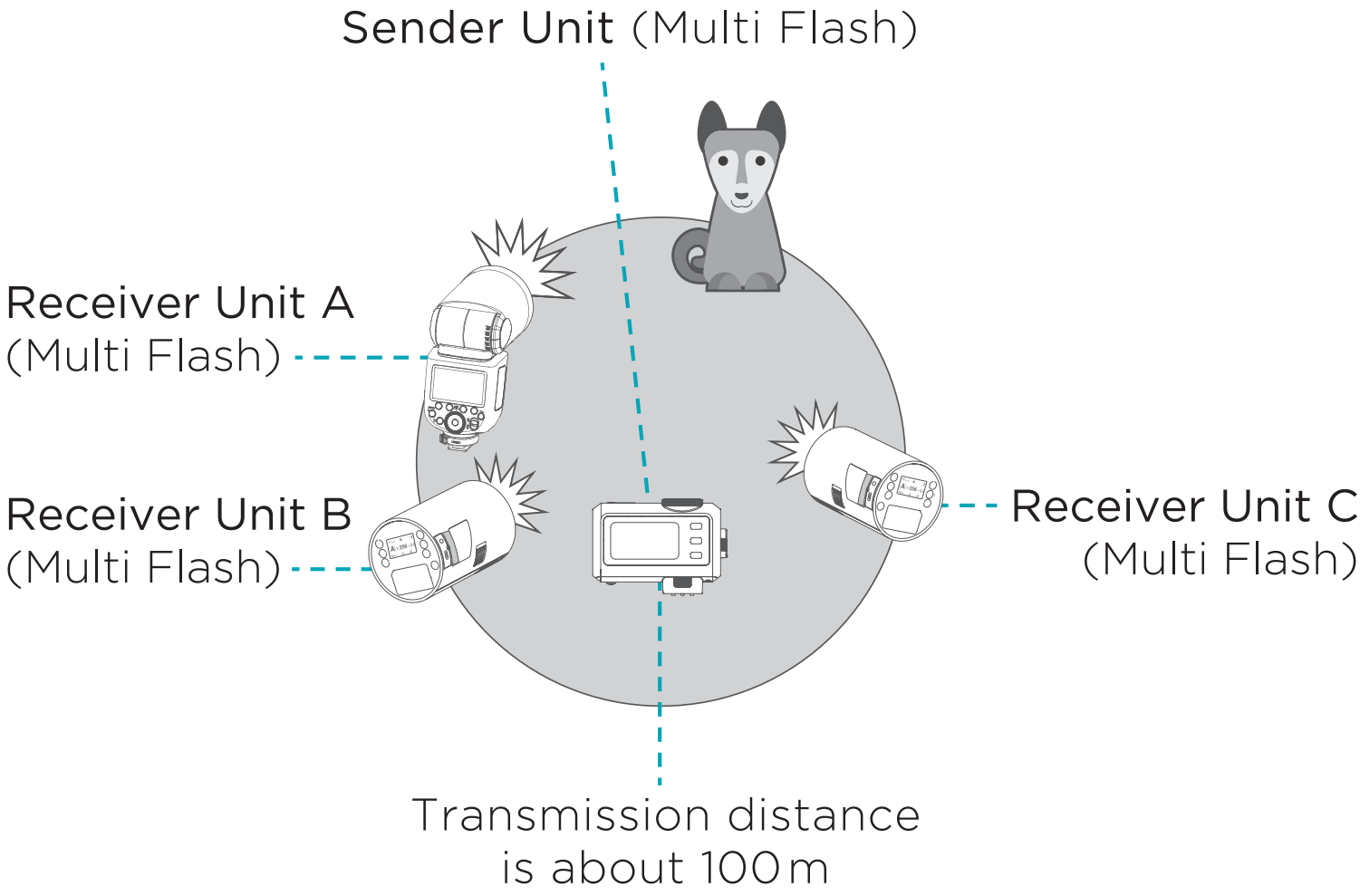
Wireless Multiple Flash Shooting in Different Flash Modes

Set the flash groups (A, B and C) of iT30 Pro (sender unit) as the different flash modes, no need to set the receiver units and they will perform wireless multiple flash shooting in different flash modes.



Wireless Multiple Flash Shooting in Multi Flash Modes

Set the iT30 Pro (sender unit) to multi flash mode, no need to set the receiver units (A, B and C) and they will perform wireless multiple flash shooting with the sender unit. Set the flash output value, number of flashes and flash frequency on sender unit, no need to set the receiver units and they will follow the sender.



Global Shutter Sync Shooting

By using a combination of iT30Pro S and a camera equipped with global shutter image sensor, flash photography can be synchronized with the entire range of shutter speeds available on the camera, enabling more effective flash exposures than conventional high-speed sync photography (HSS).

1. When iT30Pro S is used in TTL auto flash mode with a global shutter camera, the flash will be synchronized properly at both low and high shutter speeds. Compared to a non-global shutter camera, with a global shutter camera, the HSS flash time is shorter (about 2-5 milliseconds), the recycle time is faster, and the camera can take more shots.
2. When iT30Pro S is used in M (manual) flash mode and you want to use single pulse flash (not HSS) in high - speed shutter (with a shutter speed faster than 1/600), you can adjust the camera's flash delay time to match the exposure time, so that you can shoot with a more appropriate amount of light. Compared to HSS mode, this mode has a better flash index with the same power.

Flash timing settings:

Camera Menu → (Exposure/Color) → [Flash] → [Flash Timing Setting] → [On] → Set the flash timing to the desired value.

ADJ flash timing settings menu:

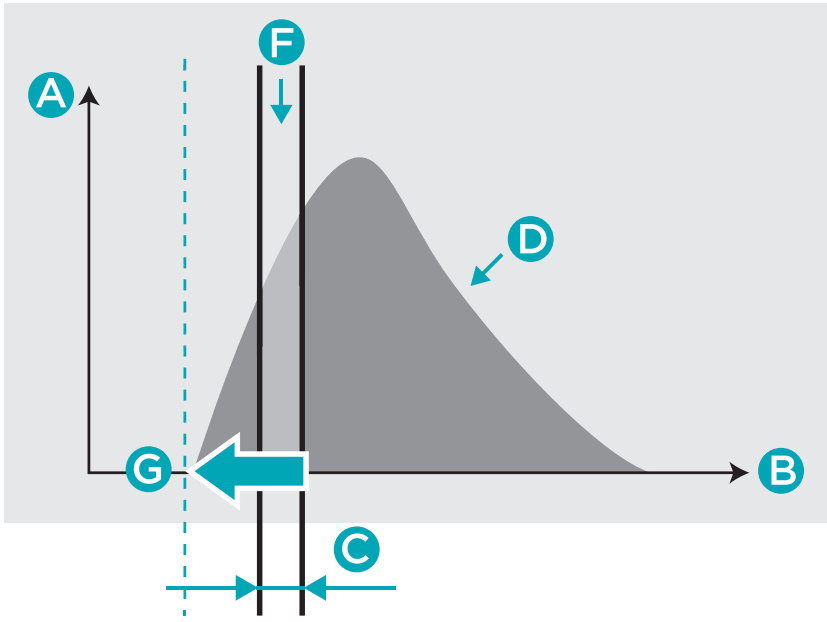
On: Adjusts the flash timing manually (0 microseconds to 1000 microseconds).

Off: Does not adjust the flash timing (the flash will fire in non-single pulse flash when the shutter speed is 1/600).

How to Match the Flash and the Shutter

High-speed shutter single pulse flash requires very strict time alignment. As shown in the figure, the shutter needs to be turned on at the optimal light effect of the flash. Matching method is as follows:

Set the flash to M (manual) flash mode and enter the menu, turn on ADJ in the camera flash timing settings. Input ADJ parameter which is related to the camera and flash used. If you are using iT30Pro S with A9MIII, this parameter is about 140 microseconds when iT30Pro S is wireless off, and about 540 microseconds when iT30Pro S is wireless on (if you are using other global shutter cameras, you need to full-time match to determine the time). After setting the above parameters, adjust the camera shutter to 1/80000 and the flash power to 1/128 (The matching requirements are higher for faster shutter speed and lower power, if you adjust the right combination, other combinations are usually suitable. When set to a fast shutter speed and high power, since the flash timing is much longer than the shutter time, you can move the time back and select the peak of the flash.), you can finetune the ADJ parameters to the optimal exposure time in case the flash is out of sync, then you can test the shootings under other shutters.



A: Amount of flash light

B: Time

C: Shutter speed

D: Amount of flash light in 1/256 power

F: Exposed amount of flash light

G: Flash starting timing

- If you set the camera's shutter speed to faster than 1/10000 and take a picture, the brightness and color may vary.
- For camera equipped with a global shutter image sensor, the HSS icon will not be displayed on the panel regardless of whether the high-speed sync setting is **"ON"** or **"OFF"**.
- When the flash is connected to the camera using a sync cord, the camera shoots with a traditional high-speed sync instead of using the global shutter sync, so the distance that the flash's light can reach is shortened.

Sync Triggering

The sync cord jack is a Ø2.5mm plug. Insert a trigger plug here and the flash will be fired synchronously with the camera shutter.

Over-Temperature Protection

- To avoid overheating and deteriorating the flash head, do not fire more than the mentioned below continuous flashes in fast succession at 1/1 full power, or fire more than 40 continuous flashes in fast succession at 1/1 full power in HSS mode.
- If you fire more than the mentioned below continuous flashes and then fire more flashes in short intervals, the inner over-temperature protection function may be activated and make the recycle time over 10 seconds. If this occurs, allow a rest time of about 10 minutes, and the flash unit will then return to normal.
- When the over-temperature protection is started, the icon **< >** is shown on the LCD display.

Number of flashes that will activate over-temperature protection:

Power Output Level	Number of Flashes	
	Without Diffuser	With Diffuser
1/1	30	20
1/2	46	30
1/4	90	60
1/8	150	120
1/16	300	240
1/32	600	400
1/64	1200	1000
1/128	2000	1500

Number of flashes that will activate over-temperature protection in HSS mode:

Power Output Level	Number of Flashes	
	Without Diffuser	With Diffuser
1/1	40	
1/2	75	
1/4	100	
1/8		
1/16		

The Reason & Solution of Not Triggering in Flashpoint 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 lightened) and the flash is not under the state of over-heat protection or other abnormal situations.**

→ Please downgrade the flash power output. If the flash is in TTL mode, please try to change it to M mode (a pre-flash 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"**:

R2 Series: Press and hold the triggering button then turn on the device until the indicator blinks twice.

R2 Pro and R2 Mark II Series: Set the C.Fn-DIST to 0-30m.

R2 nano Series: Set the triggering distance 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 or charge it in time.

5. The flash trigger's firmware is an older version.

→ Please upgrade the firmware of the flash trigger referring to the instruction manual for specific firmware upgrades.

6. The camera's firmware is an older version.

→ Please upgrade the firmware of the camera referring to its instruction manual.

Technical Data

Model	**iT30Pro S**
Guide Number (1/1 step)	Approx. GN15 (ISO 100, in meters)
Flash Duration (t0.1)	1/1000s - 1/30000s
Global Shutter Sync Shooting	Provided
Radio Wireless Global Shutter Sync	Provided
Exposure Control	
Exposure Control System	TTL auto flash and manual flash.
Flash Exposure Compensation (FEC)	±3 steps with 1/3 increment each step.
Sync Mode	High-speed sync (up to 1/8000 seconds or 1/80000 seconds with Sony cameras equipped with global shutter), first-curtain sync, and second-curtain sync.
Multi Flash	Provided (up to 100 times, 100Hz)

Wireless Flash (Radio 2.4G Transmission)	
Wireless Function	Sender, Receiver
Sender Groups	M, A, B, C
Receiver Groups	A, B, C, D
Transmission Range (approx.)	100 m
Channels	32: 01~32
ID	OFF/01~99
Power Supply	
Lithium Battery	7.4V / 900 mAh
Recycle Time (1/1 step)	Approx. 1.5 s
Number of Flashes (1/1 step)	Approx. 560
Power Saving	Provide standby and auto off functions.
Sync Triggering Mode	Hot shoe, 2.5 mm sync cord
Dimension	
W x H x D	65mm x 46mm x 47mm
Net Weight	Approx. 120 g

*Specifications and data may subject to changes without notice.

Troubleshooting

If there is a problem, refer to this Troubleshooting Guide.

The camera flash does not fire.

- The camera flash is not attached securely to the camera.

→ Attach the camera's mounting foot securely to the camera.

- The electrical contacts of the camera flash and camera are dirty.

→ Clean the contacts with dry cloth.

- **<ϟ>** or **<ϟH>** is not displayed in the view finder of camera.

→ Wait until the flash is fully recycled and the flash ready indicator lights up.

- If the flash ready indicator does not light up after a long wait.

→ Check whether the battery power is enough.

- If the battery power is low.

→ Please replace or charge the battery immediately.

The power turns off by itself.

- Setting as wi-off/sender mode when the standby function is on, the flash will enter sleep mode automatically after 90 seconds of idle use.

→ Press the camera shutter halfway or press any button will wake up the flash unit.

- Setting as wi-off/sender mode when the standby function is off while the auto off function is on, the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use.

→ Restart the flash unit.

- Setting as receiver mode when the auto off function is on, the flash will automatically shut down after 60 minutes (or 30 minutes, 90 minutes) of idle use.

→ Restart the flash unit.

The flash exposure is underexposed or overexposed.

- You used high-speed sync. With high-speed sync, the effective flash range will be shorter.

→ Make sure the subject is within the effective flash range displayed.

- The subject appears too dark or too bright.

→ Set the proper FEC value.

Firmware Upgrade

1. This product supports firmware upgrade through the USB-C port, please use USB-C cable (sold separately).
2. As the firmware upgrade needs the support of **Flashpoint F3** software, please download and install the **"Flashpoint F3 firmware upgrade software"** before upgrading. Then, choose the related firmware file.
3. Please refer to the latest electronic version of the instruction manual.

Compatible Camera Models

iT30Pro S can be used on the following Sony camera models:

α77II	α99	α77	DSC-RX10	α6000	α7R	α350
α7RII(4.0)	α7RIII	α7M3	α9	α7RIV	α7R5	
α7MIV	ZV-E10	A9III	A7C	A7CII	α6400	α6500

- These tables only list the tested camera models, not all cameras. For the compatibility of other camera models, a self-test is recommended.
- Rights to modify this table are retained.

Warning

Operating Frequency: 2412.99MHz - 2464.49MHz

Maximum EIRP Power: 5.0dBm

FCC Warning

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

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

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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

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

One Year Flashpoint Limited Warranty

Flashpoint warrants to the original purchaser that your Flashpoint product shall be free from defects in material and workmanship for the period of one (1) year from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

Flashpoint's entire liability and your exclusive remedy for any breach of warranty shall be, at Flashpoint's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as Flashpoint may direct with a copy of the sales receipt or dated itemized receipt. Flashpoint may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty(30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by Flashpoint, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the Flashpoint Customer Service Department to obtain a return merchandise authorization(“RMA”) number, and return the defective product to Flashpoint, along with the RMA number and proof of purchase.

Question about our product line?
Need Product Support?

We are proud of our products and celebrate our customers. We are with you, from product selection to everyday use. Be secure with your purchase and reach us as you need.

212-647-9300

support@flashpointlighting.com

Flashpoint,
42 West 18th Street,
New York, NY 10011

You can always contact us at BRANDS@ADORAMA.COM for personal technical support.

Our website contains a wide range of Support and FAQ pages with valuable technical assistance.

WWW.FLASHPOINTLIGHTING.COM

Scan to join our Instagram community
for product tips, Inspirations, and more.