

# FLASHPOINT



## R2 NANO PRO TTL

WIRELESS FLASH TRIGGER

## About the Detailed Instruction Manual

- Nano Pro C is compatible with Canon cameras.
- Nano Pro S is compatible with Sony cameras.
- Nano Pro N is compatible with Nikon cameras.
- Nano Pro F is compatible with Fujifilm cameras.
- Nano Pro O is compatible with OM SYSTEM or Panasonic cameras.

Please refer to the electronic version of detailed instruction manual for the product at our official website.



## Warning

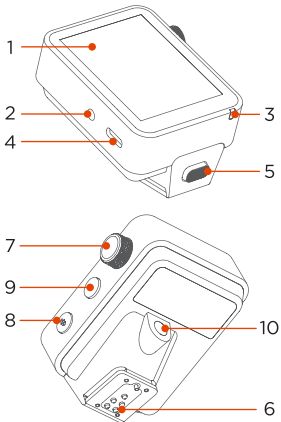
- ⚠ This product is professional photographic equipment and should only be operated by trained personnel.
- ⚠ Remove all protective packaging materials and transport covers before using the product.
- ⚠ Read and fully understand the instruction manual before operation. Always follow the safety guidelines. Failure to do so may result in injury, equipment damage, or property loss.
- ⚠ Do not use damaged equipment or accessories. After repairs, have a qualified technician inspect and confirm safe operation before resuming use.
- ⚠ This device is not waterproof. Keep it dry and do not immerse in water or any liquids. Install in a dry, ventilated location. Avoid using in wet, humid, dusty, or overheated environments. Do not place items on top of the device or allow liquids to enter the unit.
- ⚠ Keep the device away from alcohol, gasoline, or other flammable solvents and gases (such as methane or ethane).
- ⚠ Do not operate or store this device in explosive or hazardous environments.

- ⚠ Clean with a soft, dry cloth only. Do not use a wet cloth or cleaning solutions that may damage the device.
- ⚠ This manual is based on rigorous product testing. Product design and specifications may change without notice. For the latest updates, refer to the official website.
- ⚠ Use only the specified charger and follow the proper instructions when charging built-in lithium batteries. Always stay within the rated voltage and temperature range.
- ⚠ The warranty for this device is one (1) year from the date of purchase. The warranty does not cover consumables (such as power cords) or accessories. Unauthorized repairs are not covered.

# Names of Parts

## Flash Body

1. LCD Touch Screen
2. 2.5mm Sync Port
3. Indicator
- **Green:** Focus (camera)
- **Red:** Trigger (flash) + Shutter (camera)
4. USB-C Port (for charging or firmware upgrade)
5. Detaching Button
6. Hot Shoe
7. Select Dial
8. Test/Shutter Button
9. **< M / ⏻ >** Button
10. Focus Assist Beam



**Note:** Hot shoes vary in different models.

# What's Inside



Flash  
Trigger



USB Type-C  
Charging Cord

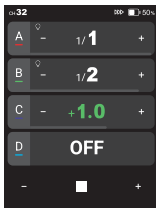


Storage  
Bag

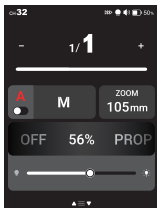


Instruction  
Manual

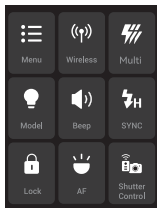
## Touch Screen



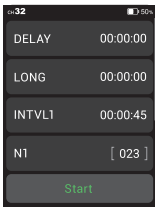
Multi Group Display



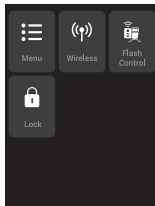
Single Group Display



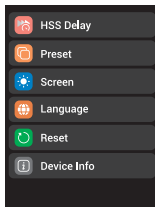
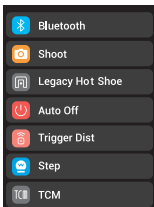
Flash Control Interface



Shutter Control Display



Shutter Control Interface



Menu Interface

## Battery Level Indication

- The battery level status is indicated by the battery icon with percentage on the screen.
- Please charge the device in time with the attached USB type-C charging cord when battery level is less than 5%.

## Power Switch

**Power On:** Press and hold the **< M/⏻ >** button until **"Flashpoint"** icon is displayed on the panel.

**Power Off:** Press and hold the **< M/⏻ >** button in power on status until the panel blacks out.

## Function Settings

This product is operational by touch screen, or **< M/⏻ >** button together with select dial.

The following instructions take touch screen operation as an example.

# 1. Flash Control

**Group Setting:** Slide the screen top-down in main interface, press the  icon to select group.

**Flash Power Setting:** Press the  or  icon in M mode to adjust the power.

**Flash Exposure Compensation Setting:** Press the  or  icon in TTL mode to adjust the FEC value.

**Multi Flash Setting:** Slide the screen top-down in main interface, press the  icon to enter multi flash setting. Press the  or  icon to adjust the power. Slide the left column  to adjust flash times. Slide the right column  to adjust flash frequency. Press the group boxes to turn off or choose groups (five groups at most).

**Modeling Lamp Setting:** Slide the screen top-down in main interface, press the  icon to turn on or off the modeling lamp.

**Beep Setting:** Slide the screen top-down in main interface, press the  icon to turn on or off the beep function.

**Screen Locking Function:** Slide the screen top-down in main interface, press the <  > icon to lock the screen, press and hold the screen for 2s to unlock.

**PC Socket:** The PC socket is the input port in flash control interface, which can trigger the flash to fire with a shutter cable connected to flash trigger.

## 2. Shutter Control

**Half press the test/shutter button to focus.**

**Full press the test/shutter button to shoot.**

**Press and hold the test/shutter button for 3s to enter long exposure mode.**

**Delay Before Shooting Start:** Press the < **DELAY** > icon in main interface to choose from 0:0:0 to 99:59:59.

**Duration of Burst/Bulb:** Press the < **LONG** > icon in main interface to choose from 0:0:0 to 99:59:59.

**1st Interval Time:** Press the < **INTVL1** > icon in main interface to choose from 0:0:1 to 99:59:59.

**Number of Shoots at 1st Interval:** Press the < **N1** > icon in main interface to choose infinite or from 1 to 999.

**2nd Interval Time:** Press the **< INTVL2 >** icon in main interface to choose from 0:0:1 to 99:59:59.

**Number of Times INTVL1:** Press the **< N2 >** icon in main interface to choose infinite or from 1 to 999.

**PC Socket:** The PC socket is the output port in shutter control interface, which can control the camera shutter with a shutter cable.

## Wireless Sync

The wireless sync function can help set the channels and IDs to the same quickly when both transmitter and receiver have this function.

For example, press the **"SYNC"** icon on the flash trigger, then press the wireless sync icon on the Lux Master.

| Channel   | ID        |
|-----------|-----------|
| 20        | 20        |
| 21        | 21        |
| <b>22</b> | <b>22</b> |
| 23        | 23        |
| 24        | 24        |
| SCAN SYNC |           |



# Menu Settings

**Touch Screen Operation:** Slide the screen top-down in main interface, press the **< Menu >** icon to enter menu settings.

**Button & Select Dial Operation:** Press the **< M/⏻ >** button in main interface, rotate the select dial to choose the **< Menu >** icon, then press the select dial to enter menu settings.

Users can adjust the parameters of the following settings according personal needs.

| Functions                                                                                            | Options          | Descriptions                                                                                                                                         |
|------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Bluetooth       | Bluetooth switch | <b>On:</b> available to connect to "Flashpoint Flash" APP<br><b>Off:</b> Bluetooth off                                                               |
|                                                                                                      | RESET            | <b>Bluetooth reset:</b> for change to other devices.                                                                                                 |
| <br>Shoot           | One-Shoot        | Only send triggering signals in the M & Multi modes when camera is shooting.                                                                         |
|                                                                                                      | All-Shoot        | Send parameters and triggering signal when camera is shooting (suitable for multi person photography)                                                |
|                                                                                                      | 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. |
| <br>Legacy Hot Shoe | OFF              | Turn off legacy hot shoe.                                                                                                                            |
|                                                                                                      | ON               | Turn on legacy hot shoe, the multi mode, TTL mode and all-shoot mode are unavailable.                                                                |

| Functions                                                                                                                                                                                                                        | Options                                                                           | Descriptions                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <br>Auto Off                                                                                                                                     | 30min                                                                             | Power off automatically after 30 minutes of idle use.             |
|                                                                                                                                                                                                                                  | 60min                                                                             | Power off automatically after 60 minutes of idle use.             |
|                                                                                                                                                                                                                                  | 90min                                                                             | Power off automatically after 90 minutes of idle use.             |
| <br>Trigger Dist                                                                                                                                 | 0-30m                                                                             | For extremely close distance triggering in a range from 0 to 30m. |
|                                                                                                                                                                                                                                  | 1-100m                                                                            | For far distance triggering in a range from 1m to 100m.           |
| <br>Step                                                                                                                                         | Min. Power                                                                        | <b>Min. Power:</b> 1/128, 1/256, 1/512, 3.0, 2.0, 1.0             |
|                                                                                                                                                                                                                                  | Step                                                                              | <b>0.3:</b> $\pm 1/3$ step increment                              |
|                                                                                                                                                                                                                                  |                                                                                   | <b>0.1:</b> $\pm 0.1$ step increment                              |
| <br>TCM<br><b>Note:</b><br>Transform the TTL shooting value into the output value in the M mode. The main light mode shall prevail in mixed use. | OFF                                                                               | Turn off TCM transform function.                                  |
|                                                                                                                                                                                                                                  |  | TT685II/V860III series                                            |
|                                                                                                                                                                                                                                  | 100j                                                                              | XPLOR 100Pro                                                      |
|                                                                                                                                                                                                                                  | 200j                                                                              | eVOLV 200Pro, eVOLV 200Pro II                                     |
|                                                                                                                                                                                                                                  | 300j                                                                              | XPLOR 300Pro                                                      |
|                                                                                                                                                                                                                                  | 400j                                                                              | XPLOR 400Pro, XPLOR 400Pro II                                     |
|                                                                                                                                                                                                                                  | 600j                                                                              | XPLOR 600Pro, XPLOR 600Pro II                                     |
|                                                                                                                                                                                                                                  | 1200j                                                                             | XPLOR 1200Pro                                                     |
| <br>HSS Delay                                                                                                                                    | OFF                                                                               | Turn off HSS delay.                                               |
|                                                                                                                                                                                                                                  | 0.1ms - 10.0ms                                                                    | HSS delay range.                                                  |

| Functions                                                                                     | Options                    | Descriptions                                                                                                                                                                                    |
|-----------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Preset       | Preset 1 ~Preset 8         | 8 groups of triggering parameters can be preset.                                                                                                                                                |
|  Screen      | Brightness                 | Slide the progress bar to adjust the screen brightness.                                                                                                                                         |
|                                                                                               | Standby Time               | <b>15s/30s/1min/2min/3min:</b> The screen blacks out after 15s/30s/1min/2min/3min of idle use.                                                                                                  |
|  Language    | Chinese                    | System language is simplified Chinese.                                                                                                                                                          |
|                                                                                               | English                    | System language is English.                                                                                                                                                                     |
|  Reset       | Yes                        | Restore factory setting.                                                                                                                                                                        |
|                                                                                               | No                         | Back to previous interface.                                                                                                                                                                     |
|  Device Info | Model and firmware version | Display the current model and firmware version (" <b>Firmware Upgrade</b> " will display on the screen when connecting to the computer with USB-C data cable, click to start firmware upgrade.) |

## Compatible Camera Models

Please refer to the electronic version of detailed instruction manual.



## APP Downloading

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

For more smartphone APP operations, open the **"Help"** section within the APP for detailed guidance.



**Note:** The APP can be used directly on the first device it is installed on (smartphone or tablet). When switching to another device, the light must be reset before normal APP usage. The default Bluetooth password is **000000**.

## Firmware Upgrade

- This product supports firmware upgrades through the USB-C port. The latest announcements and instructions will be published on the official website.
- Firmware upgrades require the **Flashpoint F3 V2.0 software**. Please download and install the **"Flashpoint F3 V2.0 Firmware Upgrade Software"** before upgrading. Then, select the appropriate firmware file.

## Upgrade Instructions:

- **Power-On Mode:** Connect the **R2 Nano Pro** to your computer via USB-C cable. Press **< Menu > → < Device Info > → < Firmware Upgrade >** to begin the process.
- **Power-Off Mode:** Press and hold the select dial while connecting the **R2 Nano Pro** to your computer with a USB-C cable. This will enter firmware upgrade mode.

After confirming that the upgrade is complete, disconnect the USB-C cable to exit upgrade mode.

**Note:** Always check the latest electronic instruction manual on the official website, as updated firmware may be available.

### **Warning**

**Operating frequency:**

2412.99MHz-2464.49MHz (2.4G)/2402MHz-2480MHz (BT)

**Maximum EIRP Power:** 5dBm

# Technical Data

| Model                       | R2 nano Pro C                                           | R2 nano Pro S | R2 nano Pro N | R2 nano Pro F    | R2 nano Pro O        |
|-----------------------------|---------------------------------------------------------|---------------|---------------|------------------|----------------------|
| Compatible cameras          | Canon cameras                                           | Sony cameras  | Nikon cameras | Fujifilm cameras | OM System /Panasonic |
| USB-C Input                 | 5V= 2A                                                  |               |               |                  |                      |
| Built-in Lithium Battery    | 3.87V 2930mAh 11.34Wh                                   |               |               |                  |                      |
| Charging Time               | ≈ 2h                                                    |               |               |                  |                      |
| Standby Time                | ≈ 35 days                                               |               |               |                  |                      |
| TTL Auto Flash              | √                                                       |               |               |                  |                      |
| Manual Flash                | √                                                       |               |               |                  |                      |
| Multi Flash                 | √                                                       |               |               |                  |                      |
| High-Speed Sync             | √ (R2 Nano Pro F: set on the camera)                    |               |               |                  |                      |
| First-curtain Sync          | √ (R2 Nano Pro F: set on the camera)                    |               |               |                  |                      |
| Second-curtain Sync         | √ (R2 Nano Pro S/N/F/O: set on the camera)              |               |               |                  |                      |
| Focus Assist Beam           | √                                                       |               |               |                  |                      |
| Flash Exposure Compensation | ±3EV (exposure value), adjustable in 1/3 EV increments. |               |               |                  |                      |

| Model                        | R2 nano<br>Pro C                                                                    | R2 nano<br>Pro S | R2 nano<br>Pro N | R2 nano<br>Pro F | R2 nano<br>Pro O |
|------------------------------|-------------------------------------------------------------------------------------|------------------|------------------|------------------|------------------|
| Beep                         | Control the beep by flash trigger.                                                  |                  |                  |                  |                  |
| ZOOM Setting                 | AUTO/Focus length 24-200mm                                                          |                  |                  |                  |                  |
| TCM Transform                | Transform the TTL shooting value into the output value in the M mode.               |                  |                  |                  |                  |
| Firmware Upgrade             | Upgrade through the USB-C port.                                                     |                  |                  |                  |                  |
| Memory Function              | Settings will be stored 2 seconds after last operation and recover after a restart. |                  |                  |                  |                  |
| Display Panel                | 2.4" LCD touch screen                                                               |                  |                  |                  |                  |
| Transmission Range (approx.) | 0-100m                                                                              |                  |                  |                  |                  |
| Built-in Wireless            | 2.4GHz/Bluetooth                                                                    |                  |                  |                  |                  |
| 2.4G Wireless Channel        | 32                                                                                  |                  |                  |                  |                  |
| Wireless ID                  | OFF, 01-99                                                                          |                  |                  |                  |                  |
| Group                        | A-F, 0-9                                                                            |                  |                  |                  |                  |
| Dimension                    | 2.13" x 2.6" x 1.61"                                                                |                  |                  |                  |                  |
| Net Weight                   | ≈0.23lbs                                                                            |                  |                  |                  |                  |

\*Specifications and data may subject to changes without notice.

## 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.

## 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) years 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](mailto:support@flashpointlighting.com)

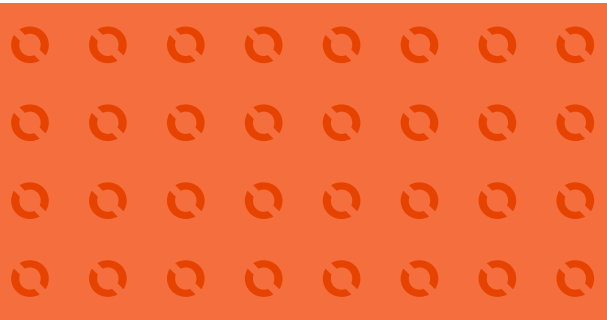
 Flashpoint,  
42 West 18th Street,  
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You can always contact us at [BRANDS@ADORAMA.COM](mailto:BRANDS@ADORAMA.COM) for personal technical support. Our website contains a wide range of Support and FAQ pages with valuable technical assistance.

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