

FlashQ FM2

Camera Flash

FlashQ
Wireless Flash System



Key Features

- Compact external flash with Guide Number 20m (at ISO 100 and 32mm).
- Premium metal enclosure. Crafted from high strength aluminium alloy with hard-anodized finish.
- TTL flash and manual flash models are available.
- Wireless flash functionality with built-in 2.4GHz radio.
- Front (1st) & Rear (2nd) Curtain Sync, and Flash Exposure Compensation (FEC).
- Integrated color gel holder and diffuser panel.
- USB Type-C port for convenient charging experience.

Charging FlashQ FM2

Highly recommend to use rechargeable Ni-MH batteries for FlashQ FM2 for quick recycling time and convenience of USB charging capability.

- Charge FlashQ FM2 (with rechargeable Ni-MH batteries installed) by connecting to a computer or other USB power adapter using the included USB cable.
- The USB Charging Indicator is in ORANGE during charging and turns GREEN when charging is complete.
- Take around 4.5 hours to fully charge two 2500mAh Ni-MH batteries with FlashQ FM2.

WARNING:

- FlashQ FM2 also accepts two non-rechargeable AA-size alkaline batteries, but DO NOT attempt to recharge the alkaline batteries using USB charging.
- Battery may leak or explode if improperly handled.
- Make certain to install the batteries with correct polarity.
- Remove the batteries from FlashQ FM2 when not in use for a prolonged period.
- Single AA-size battery cell cannot exceed 1.5V. The use of high-voltage lithium batteries is prohibited.

FCC Warning

FCC ID: 2AT3V-FM2

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.

NOTE 1: 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.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement:

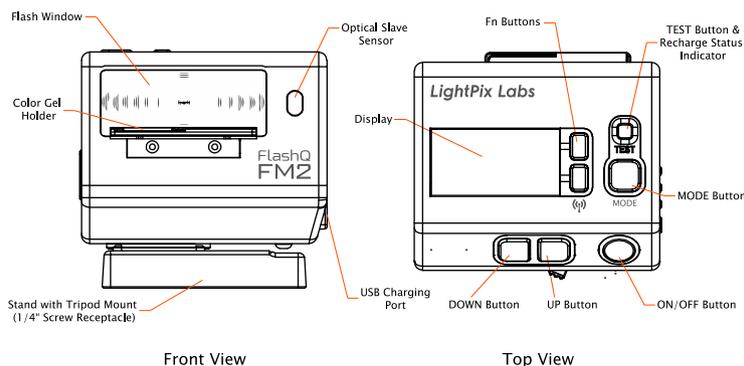
This equipment complies with the FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Thanks for choosing FlashQ !
Happy shooting with FlashQ System.

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FM2-EN-202509

Nomenclature



Low Battery Notification

A low-battery icon shows up on the display. And flash functions may get suspended. This needs a recharge / battery replacement.

Safety Warnings and Cautions

1. The photoflash (Xenon flash tube) outputs high power light energy. Avoid direct eye exposure.
2. Do not expose the product to rain or moisture.
3. The product contains small parts. Keep out of reach of small children to prevent accidental swallowing.
4. Do not disassemble. Electric shock may occur if high voltage circuit inside the product is touched.



Package Contents

- 1 x FlashQ FM2 (Battery is not included)
- 1 x Color gel pack (6 colors)
- 1 x USB Type-C charging cable
- 1 x Protective pouch
- 1 x User manual

Warranty

12 months warranty from the date of original purchase.

For support and inquiry, please contact us directly.

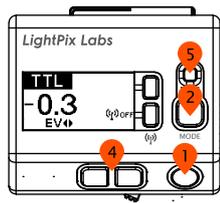
Email : info@lightpixlabs.com

Message Box : <https://lightpixlabs.com/contact>

TTL Mode

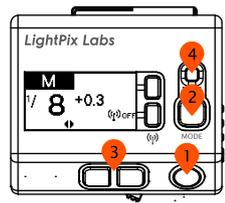
(This is for FlashQ FM2 TTL models only.)

1. Turn on FlashQ FM2.
2. Toggle the MODE button to set FlashQ FM2 in TTL mode.
3. Attach FlashQ FM2 onto a compatible camera's shoe mount. Ensure that the camera enables and recognizes the external flash. (Check with Product Manual of the camera.)
4. Toggle the \leftarrow \rightarrow buttons to adjust the Flash Exposure Compensation (FEC).
5. If necessary, press the TEST button for a pilot test. (Ensure the button in SOLID GREEN before press.)



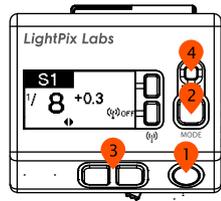
Manual Mode

1. Turn on FlashQ FM2.
2. Toggle the MODE button to set FlashQ FM2 in Manual mode.
3. Toggle the \leftarrow \rightarrow buttons to adjust the flash power ratio.
4. If necessary, press the TEST button for a pilot test. (Ensure the button in SOLID GREEN before press.)



S1 Mode

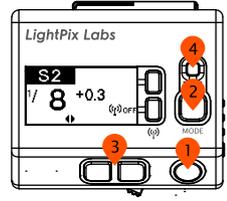
1. Turn on FlashQ FM2.
2. Toggle the MODE button to set FlashQ FM2 in S1 mode.
3. Toggle the \leftarrow \rightarrow buttons to adjust the flash power ratio.
4. If necessary, press the TEST button for a pilot test. (Ensure the button in SOLID GREEN before press.)



In S1 mode, FlashQ FM2 synchronizes to the traditional single flash system (common in film camera). FlashQ FM2 just synchronizes to the first flash.

S2 Mode

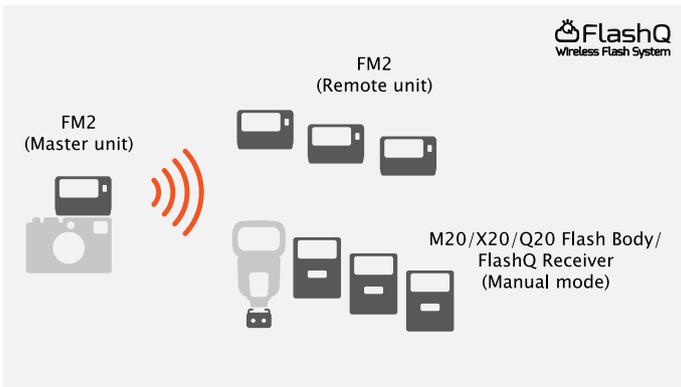
1. Turn on FlashQ FM2.
2. Toggle the MODE button to set FlashQ FM2 in S2 mode.
3. Toggle the \leftarrow \rightarrow buttons to adjust the flash power ratio.
4. If necessary, press the TEST button for a pilot test. (Ensure the button in SOLID GREEN before press.)



In S2 mode, FlashQ FM2 synchronizes to the digital / TTL flash system. The master flash unit fires a pre-flash (for TTL metering / red eye reduction) and then a main flash. FlashQ FM2 (in S2 mode) can ignore the pre-flash, and synchronizes to the main flash.

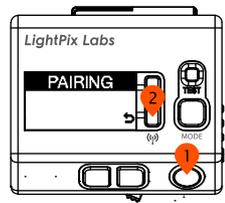
Wireless Flash Setup

By setting FlashQ FM2 to Master unit / Remote unit, multiple flashes setup can be achieved. And FlashQ FM2 can work with other FlashQ flashes wirelessly.



Pairing FlashQ FM2 Flashes

1. Turn on all FlashQ FM2 flashes.
2. Set on the first FlashQ FM2, hold the button $\left(\text{p}\right)$ for 3 seconds to enter Pairing Mode. This FlashQ FM2 will keep staying in Pairing Mode.
3. Set the other FlashQ FM2 flash(es) into Pairing mode, i.e. hold the button $\left(\text{p}\right)$ for 3 seconds.
4. The system goes pairing and selects a new clear channel automatically.
5. When pairing gets success, the second (and succeeding) FlashQ FM2 quits Pairing mode and back to the operation mode automatically. Finally press the button $\left(\text{p}\right)$ on the first FlashQ FM2 to complete the pairing.



Practical Table

Guide Number 20
ISO 100

(unit: meters)

Aperture (F)	Flash Power Ratio (M: Manual mode)						
	1/1	1/2	1/4	1/8	1/16	1/32	1/64
2.8	7.1	5	3.5	2.5	1.8	1.25	0.9
4	5	3.5	2.5	1.8	1.25	0.9	0.6
5.6	3.5	2.5	1.8	1.25	0.9	0.6	0.45
8	2.5	1.8	1.25	0.9	0.6	0.45	0.3
11	1.8	1.25	0.9	0.6	0.45	0.3	0.22
16	1.25	0.9	0.6	0.45	0.3	0.22	0.15

Technical Specifications

- Guide Number 20m (at ISO 100)
- Focal length coverage: 32mm (on 35mm format)
- Manual flash power ratio control from 1/1 to 1/64 (further supports 1/3 EV steps setting from 1/1 to 1/16)
- 2.4GHz low-power digital radio, 10 meters wireless operating range
- Other functions: S1 / S2 optical slave
- Two AA-size alkaline / rechargeable Ni-MH batteries
- Recycling time (1/1 full power output) : 4 sec. by Ni-MH batteries / 5 sec. by fresh alkaline batteries
- Number of flashes : 100 – 2000 flashes
- Flash color temperature : 5600K±200K (same as daylight)
- Dimensions : 60(W) x 52(H) x 50.5(D) mm
- Weight : 101g (without battery)