

FlashQ FM2

Camera Flash



Key Features

- Compact external flash with Guide Number 20m (at ISO 100 and 32mm)
- Wireless flash functionality with built-in 2.4GHz radio
- Remote control flash power ratio/ Flash Exposure Compensation (FEC)
- USB charging (using rechargeable Ni-MH batteries)
- USB Type-C ports offer more convenient charging experience
- With color gel holder

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.

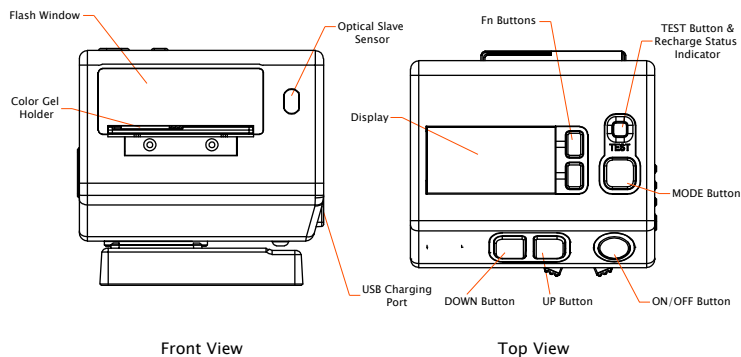
Thanks for choosing FlashQ !
Happy shooting with FlashQ System.

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2025-9 Prints

Nomenclature

M20 Main Body



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.

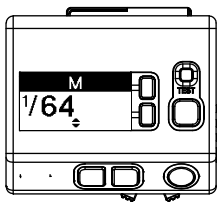
For support and inquiry, please contact us directly.

Email : info@lightpixlabs.com

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

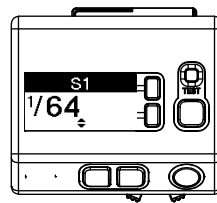
Manual Mode

1. Turn on FlashQ FM2.
2. Toggle the MODE button to set FM2 in Manual mode.
3. Toggle the  /  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

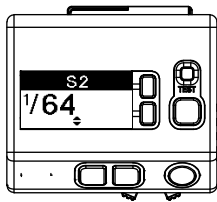
1. Turn on FlashQ FM2.
2. Toggle the MODE button to set FM2 in S1 mode.
3. Toggle the  /  buttons to adjust the flash power ratio.
4. If necessary, press the TEST button for a pilot test. (Ensure the button in SOLID GREEN before press)



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 FM2 in S2 mode.
3. Toggle the  /  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)
5. In S2 mode, FlashQ FM2 synchronizes to the digital / TTL flash system. The master flash 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.



Pairing Up FlashQ M20 and Transmitter

(For proper wireless TTL functionality, FlashQ M20 supports one-to-one pairing only.)

1. Turn on FlashQ M20 and Transmitter.
2. On FlashQ Transmitter, hold both buttons   for 3 seconds to enter Pairing Mode (blinking BLUE).
3. On M20 main body, hold the button  for 3 seconds to enter Pairing Mode
4. The system goes pairing and selects a new clear channel automatically.
5. When pairing gets success, M20 Main Body quits Pairing mode and back to the operation mode automatically. Finally press either one button   on FlashQ Transmitter to complete the pairing.

Flash Length Range

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 20 (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 for FM2
- Recycling time (1/1 full power output) : 5 sec. by Ni-MH batteries / 6 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 (including FlashQ Transmitter)
- Weight : 101g (without battery)