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› [Fujifilm](#) /

› [Fujifilm EF-20 Shoe Mount Flash Instruction Manual](#)

## Fujifilm EF-20

# Fujifilm EF-20 Shoe Mount Flash Instruction Manual

Model: EF-20

## 1. INTRODUCTION

The Fujifilm EF-20 is a compact shoe mount flash designed to provide additional illumination for your photography. It features TTL (Through-The-Lens) flash technology for precise exposure control, multi-directional bounce capabilities, and automatic zooming. This manual provides essential information for the safe and effective use of your EF-20 flash unit.



Figure 1: Side view of the Fujifilm EF-20 flash unit, showcasing its compact design.

## 2. SAFETY INFORMATION

- Do not disassemble or modify the flash unit. This can cause electric shock or malfunction.
- Keep the flash unit dry. Do not expose it to water or high humidity.
- Avoid direct eye contact with the flash light, especially at close range, as it can temporarily impair vision.
- Keep out of reach of children.
- Use only specified batteries (AA). Incorrect battery types can cause leakage, heat, or explosion.
- Remove batteries if the flash unit will not be used for an extended period.

## 3. PACKAGE CONTENTS

Please ensure all items are present in the package:

- Fujifilm EF-20 Shoe Mount Flash Unit
- Soft case (if included with your purchase)
- Instruction Manual (this document)

*Note: Batteries are not included and must be purchased separately.*

## 4. SETUP

### 4.1 Battery Installation

1. Open the battery compartment cover located on the side of the flash unit.
2. Insert two (2) AA batteries, ensuring correct polarity (+/-) as indicated inside the compartment.
3. Close the battery compartment cover securely.



Figure 2: Rear view of the EF-20 flash unit, illustrating the location of the battery compartment and control panel.

### 4.2 Mounting the Flash Unit

1. Ensure both the camera and the flash unit are powered off.
2. Slide the flash unit's mounting foot into the camera's hot shoe until it clicks into place.
3. Tighten the locking wheel on the flash unit's foot to secure it firmly to the camera.
4. To remove, loosen the locking wheel and slide the flash unit out of the hot shoe.



Figure 3: Front view of the EF-20 flash, showing its design and the hot shoe mounting foot.

## 5. OPERATING INSTRUCTIONS

### 5.1 Powering On/Off

Press the **POWER** button on the rear of the flash unit to turn it on or off. The ready lamp will illuminate when the flash is charged and ready to fire.

## 5.2 TTL Flash Technology

The EF-20 utilizes High Precision TTL (Through-The-Lens) flash technology. When mounted on a compatible Fujifilm camera, the flash output is automatically adjusted based on the camera's metering system to achieve optimal exposure.

## 5.3 Exposure Compensation (EV Adjust)

To adjust the flash exposure compensation, press the **EV ADJUST** button on the rear of the flash. Each press cycles through available compensation values (-1, -0.5, 0, +0.5, +1 EV). The corresponding indicator lamp will light up. This allows for fine-tuning the flash output relative to the camera's automatic setting.

## 5.4 Bounce Flash (Multi-Directional)

The flash head can be tilted upwards to bounce light off a ceiling or wall, creating softer, more natural illumination and reducing harsh shadows. The EF-20 features a multi-directional tilting head.

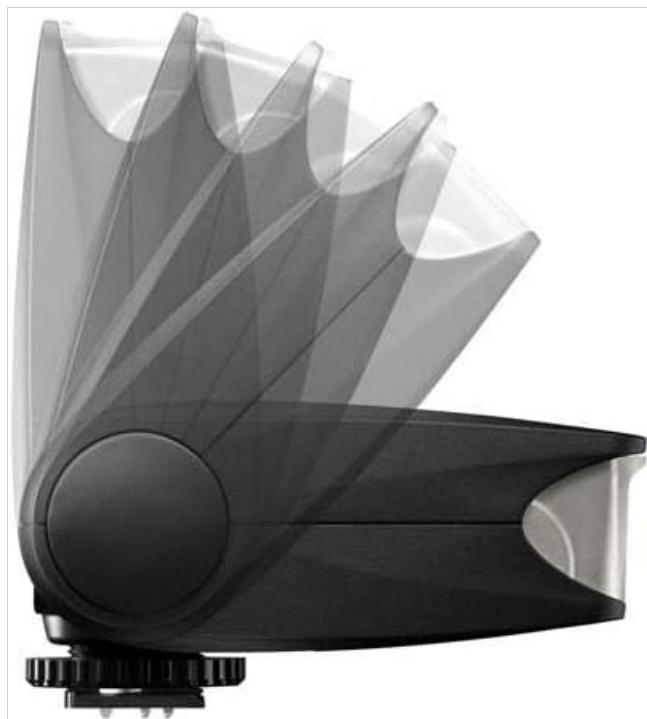


Figure 4: Side view of the EF-20 flash demonstrating the upward tilt capability of the flash head for bounce photography.

## 5.5 Automatic Zooming

The EF-20 features automatic zooming, which adjusts the flash coverage to match the focal length of the lens being used, ensuring efficient light distribution.

## 5.6 Full Manual Control

In addition to TTL, the flash offers full manual control options, allowing users to set the flash output power directly for specific creative effects or challenging lighting conditions. Refer to your camera's manual for specific settings related to external flash control.

## 5.7 Test/Ready Button

The **TEST/READY** button serves two functions:

- When the flash is charged, pressing this button will fire a test flash.

- The lamp next to this button indicates when the flash is fully charged and ready to fire.



Figure 5: Front view of the EF-20 flash with its integrated wide-angle diffuser extended, useful for broader light spread.

## 5.8 Compatible Cameras

The Fujifilm EF-20 flash is compatible with various Fujifilm cameras, including but not limited to:

- X10, X100, X100S
- HS20EXR, HS22EXR, HS25EXR, HS28EXR, HS30EXR, HS33EXR
- S30EXR, S33EXR
- SL240, SL260, SL280, SL300, SL305

For the most current compatibility list, please refer to the official Fujifilm website or your camera's instruction manual.

## 6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the flash unit. For stubborn dirt, lightly dampen the cloth with water and then wipe dry. Do not use organic solvents like alcohol or paint thinner.
- **Battery Care:** Always remove batteries when the flash is not in use for extended periods to prevent leakage. Dispose of used batteries according to local regulations.
- **Storage:** Store the flash unit in a cool, dry place, away from direct sunlight and extreme temperatures.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Flash does not fire.	<ul style="list-style-type: none"> <li>◦ Batteries are dead or incorrectly inserted.</li> <li>◦ Flash unit is not powered on.</li> <li>◦ Flash unit is not securely mounted.</li> <li>◦ Flash is not fully charged.</li> </ul>	<ul style="list-style-type: none"> <li>◦ Replace batteries or reinsert them correctly.</li> <li>◦ Press the POWER button to turn on the flash.</li> <li>◦ Ensure the flash is fully seated and locked in the hot shoe.</li> <li>◦ Wait for the READY lamp to illuminate.</li> </ul>

Problem	Possible Cause	Solution
Flash output is too weak/strong.	<ul style="list-style-type: none"> <li>Incorrect EV compensation setting.</li> <li>Camera flash settings are incorrect.</li> <li>Subject is too far/close.</li> </ul>	<ul style="list-style-type: none"> <li>Adjust EV compensation using the EV ADJUST button.</li> <li>Check camera's external flash settings.</li> <li>Adjust shooting distance or use bounce flash for softer light.</li> </ul>
Flash takes a long time to recycle.	<ul style="list-style-type: none"> <li>Batteries are low.</li> <li>Using full power flashes repeatedly.</li> </ul>	<ul style="list-style-type: none"> <li>Replace batteries with fresh ones.</li> <li>Allow more time between flashes or reduce flash power if possible.</li> </ul>

## 8. SPECIFICATIONS

<b>Model Number</b>	EF-20
<b>Guide Number</b>	20 (at ISO 100)
<b>Flash Type</b>	Shoe Mount, External
<b>Flash Control</b>	TTL, Manual
<b>Power Source</b>	2 x AA batteries
<b>Battery Life</b>	Approximately 6 hours (usage dependent)
<b>Flash Sync Speed</b>	1/180 or 1/250 (camera dependent)
<b>Dimensions (W x H x D)</b>	1.8 x 5.8 x 4.1 inches (approximate)
<b>Weight</b>	3.52 ounces (without batteries)
<b>First Available</b>	February 8, 2011

## 9. WARRANTY AND SUPPORT

### 9.1 Legal Disclaimer

This product is provided "as is" with no warranty. Please refer to your purchase agreement for any applicable retailer or third-party warranties.

### 9.2 Customer Support

For further assistance or inquiries, please visit the official Fujifilm support website or contact their customer service department. Contact information can typically be found on the Fujifilm official website.



