



Manuals.plus /

› Canon /

› Canon Speedlite 270EX Flash Instruction Manual

## Canon Speedlite 270EX

# Canon Speedlite 270EX Flash Instruction Manual

Model: Speedlite 270EX

## INTRODUCTION

---

The Canon Speedlite 270EX is a compact, lightweight, and high-performance flash unit designed to expand your creative photographic options, especially with compact cameras and entry-level EOS DSLRs. It provides enhanced flash photography capabilities in various settings.

Key features include:

- Ultra-compact and ultra-lightweight design.
- Vertical bounce capability up to 90 degrees for versatile lighting.
- 2-step coverage for 28mm and 50mm focal lengths.
- Wireless slave function (when used with an EOS DSLR with a master function).
- Simple setup and control through compatible camera menu systems.
- Color temperature communication for optimal white balance.
- Optimized and quieter recycling time (approx. 0.1 to 3.9 seconds).



Figure 1: Front view of the Canon Speedlite 270EX flash unit, showing the flash head and Canon branding.

## SETUP

### 1. Battery Installation

The Speedlite 270EX requires two AA batteries for operation. For optimal performance and faster recycling times, it is recommended to use high-quality alkaline or rechargeable Ni-MH batteries.

1. Locate the battery compartment cover on the side of the flash unit.
2. Slide the battery compartment cover in the direction indicated by the arrow to open it.
3. Insert two AA batteries according to the polarity indicators (+/-) inside the compartment.
4. Close the battery compartment cover securely until it clicks into place.



Figure 2: Side view of the Speedlite 270EX, showing the battery compartment cover.



Figure 3: Side view of the Speedlite 270EX with the battery compartment open, ready for battery insertion.

## 2. Mounting to Camera

The Speedlite 270EX attaches to your camera's hot shoe.

1. Ensure both the camera and the flash unit are turned off.
2. Slide the mounting foot of the Speedlite 270EX into the camera's hot shoe until it stops.
3. Push the lock lever on the flash unit forward to secure it firmly to the hot shoe. Ensure it is fully locked to prevent accidental detachment.
4. To remove, slide the lock lever backward and gently slide the flash unit out of the hot shoe.



Figure 4: The Canon Speedlite 270EX mounted on a compatible Canon EOS camera.

## OPERATING INSTRUCTIONS

### 1. Power On/Off

Locate the ON/OFF switch on the back of the Speedlite 270EX. Slide the switch to the 'ON' position to power on the unit.

Slide it to 'OFF' to power it down. The flash unit will automatically turn off after a period of inactivity to conserve battery life.



Figure 5: Rear view of the Speedlite 270EX, highlighting the ON/OFF switch and hot shoe lock.

## 2. Bounce Flash Function

The Speedlite 270EX features a bounce function, allowing you to direct the flash light upwards to bounce off a ceiling or wall. This creates softer, more natural-looking illumination by diffusing the light.

1. Gently push the flash head upwards. It can be tilted up to 90 degrees.
2. Select an angle that allows the flash to bounce off a neutral-colored surface (e.g., white ceiling) above or to the side of your subject.
3. The camera's E-TTL II / E-TTL autoflash system will automatically adjust the flash output for proper exposure.



Figure 6: The Speedlite 270EX flash head tilted for bounce photography.



Figure 7: The Speedlite 270EX flash head tilted to a higher angle for bounce photography.



Figure 8: The Speedlite 270EX flash head fully tilted upwards at 90 degrees.

### 3. Coverage Angle Selection (Normal/Tele)

The flash coverage can be switched between Normal (28mm full-frame equivalent) and Tele (50mm full-frame equivalent) by extending or retracting the flash head. This allows the flash to match the angle of view of your lens for more efficient light distribution.

- **Normal (28mm equivalent):** Flash head retracted. Max Guide No. 72 ft./22m at ISO 100.
- **Tele (50mm equivalent):** Flash head extended forward. This concentrates the light for longer distances.

### 4. Wireless Slave Function

The Speedlite 270EX can function as a wireless slave unit when used with an EOS DSLR camera that has a master flash

function (e.g., built-in flash with master capability or another Speedlite acting as a master). This allows for off-camera flash photography, providing greater control over lighting direction and quality.

Refer to your camera's instruction manual for details on setting up the master flash function and configuring the Speedlite 270EX as a slave unit.

## MAINTENANCE

---

### Cleaning

To maintain the performance and appearance of your Speedlite 270EX:

- Wipe the exterior of the flash unit with a soft, dry cloth.
- For stubborn dirt, lightly dampen the cloth with water or a mild, non-abrasive cleaning solution.
- Do not use organic solvents such as paint thinner or benzene, as they may damage the finish.
- Keep the flash contacts on the mounting foot clean and free of dust or debris.

### Storage

When not in use for extended periods:

- Remove the batteries from the unit to prevent leakage and corrosion.
- Store the Speedlite 270EX in a cool, dry place, away from direct sunlight and extreme temperatures.
- Use the included soft case for protection during storage and transport.

## TROUBLESHOOTING

---

If you encounter issues with your Speedlite 270EX, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Flash does not fire.	Unit is off; Batteries are dead or incorrectly inserted; Flash not securely mounted; Camera flash settings incorrect.	Turn on the flash; Replace or reinsert batteries correctly; Ensure flash is locked onto hot shoe; Check camera's flash mode and settings.
Slow recycling time.	Low battery power; Batteries are not high-capacity.	Replace batteries with fresh ones; Use high-capacity rechargeable Ni-MH batteries (2500 mAh or more recommended).
Images are too dark (underexposed).	Subject too far; Flash output too low; Incorrect camera ISO setting.	Move closer to subject; Ensure flash head is in 'Tele' position for distant subjects; Increase camera's ISO sensitivity.
Images are too bright (overexposed).	Subject too close; Flash output too high.	Increase distance from subject; Use bounce flash; Adjust flash exposure compensation on camera if available.

If the problem persists after trying these solutions, consult a qualified service technician or Canon customer support.

## SPECIFICATIONS

---

Feature	Detail
Model Number	Speedlite 270EX
Product Dimensions	3.01 x 2.56 x 2.52 inches
Item Weight	5.1 ounces
Power Source	2 AA batteries (not included)
Guide Number (ISO 100)	72 ft./22m (at 28mm coverage)
Flash Coverage	28mm and 50mm (full-frame equivalent)
Bounce Angle	Up to 90 degrees (vertical)
Recycling Time	Approx. 0.1 to 3.9 seconds
Compatible Mountings	Canon hot shoe
First Available Date	March 24, 2009

## WARRANTY AND SUPPORT

### Warranty Information

This product is typically covered by a manufacturer's warranty. Please refer to the warranty card included with your purchase or visit the official Canon website for detailed warranty terms and conditions specific to your region. Keep your proof of purchase for warranty claims.

*Note: Some sellers may offer their own warranty or guarantee. For example, a specific seller might offer a 14-day satisfaction guarantee and a 90-day parts and labor warranty. Always verify warranty details with your point of purchase.*

### Customer Support

For technical assistance, service, or further inquiries, please contact Canon customer support. You can find contact information, FAQs, and additional resources on the official Canon website:

Canon USA Support Website

When contacting support, please have your product model number (Speedlite 270EX) and serial number (if applicable) ready.