

YONGNUO YN685

YONGNUO YN685 Speedlite Flash Instruction Manual

For Canon DSLR Cameras

INTRODUCTION

The YONGNUO YN685 Speedlite is a high-performance wireless TTL flash designed for Canon DSLR cameras. It integrates seamlessly with YONGNUO's 622c and 603 wireless systems, offering advanced lighting control and flexibility. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your YN685 Speedlite.

SETUP

1. Battery Installation

The YN685 Speedlite requires four (4) AA-size batteries (alkaline or Ni-MH recommended). Ensure correct polarity when inserting the batteries into the battery compartment located on the side of the flash unit.

2. Mounting on Camera

1. Slide the flash unit onto your Canon DSLR camera's hot shoe mount.
2. Tighten the locking knob securely to prevent accidental detachment.

3. Wireless System Setup

The YN685 is compatible with YONGNUO 622c and 603 wireless systems. To use the flash wirelessly, ensure your camera is equipped with a compatible YONGNUO wireless transmitter (e.g., YN622C-TX, YN560-TX, RF605, RF603II, RF603). Refer to your transmitter's manual for specific pairing instructions. The YN685 can receive signals from these transmitters to control flash mode, power, and focal length.

OPERATING INSTRUCTIONS

1. Power On/Off

Press and hold the power button to turn the flash unit on or off. The LCD display will illuminate upon power-on.

2. Mode Selection

Press the **MODE** button to cycle through available flash modes:

- **TTL (Through-The-Lens)**: Automatic flash exposure based on camera metering.
- **M (Manual)**: Manually set flash power output.
- **Multi (Stroboscopic)**: Fires a series of rapid flashes during a single exposure.

3. Zoom Adjustment

The flash head supports auto and manual zoom, covering a focal length range of 20-200mm. Use the zoom buttons or dial to adjust the flash coverage to match your lens's focal length. In auto mode, the flash will automatically adjust its zoom based on the camera's lens.

4. High-Speed Sync (HSS)

The YN685 supports high-speed sync up to 1/8000s. This feature allows you to use flash at shutter speeds faster than your camera's native sync speed, useful for freezing motion or overpowering ambient light in bright conditions. Activate HSS through your camera's flash settings or the flash unit's menu, if available.

5. Wireless Control

When used with a compatible YONGNUO wireless transmitter, you can remotely adjust flash parameters such as mode, power, and zoom for individual flash groups. This is particularly useful in multi-flash setups.

6. Voice Prompt

The YN685 features a voice prompt function to provide audible feedback on flash status and settings. This feature can be enabled or disabled in the flash's custom function settings.

MAINTENANCE

1. Cleaning

To clean the flash unit, use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used, followed by immediate drying. Avoid using solvents or abrasive cleaners, as these can damage the flash's surface or internal components.

2. Storage

When not in use for extended periods, remove the batteries to prevent leakage. Store the flash in a cool, dry place, away from direct sunlight and extreme temperatures. Use the provided protective case for added protection.

TROUBLESHOOTING

- **Flash not firing**: Check battery levels. Ensure the flash is securely mounted on the camera's hot shoe or properly connected wirelessly. Verify camera and flash settings are compatible.
- **Incorrect exposure**: Adjust flash power settings (in Manual mode) or check camera's exposure compensation (in TTL mode). Ensure flash zoom matches lens focal length.
- **Slow recycle time**: Replace batteries with fresh ones or use an external power pack (if supported). Ni-MH batteries generally offer faster recycle times than alkaline.
- **Wireless communication issues**: Ensure both flash and transmitter are set to the same channel and group. Check for obstructions between the units. Verify battery levels in both devices.

SPECIFICATIONS

Guide Number	60 (ISO 100, 200mm)
Circuit Design	Insulated Gate Bipolar Transistor (IGBT)
Flash Modes	TTL, M, Multi
Trigger Modes	On-camera, Wireless control (Radio Frequency), Off-camera
Zoom Range	Auto, 20, 24, 28, 35, 50, 70, 80, 105, 135, 200mm
Vertical Rotation Angle	-7 to 90 degrees
Horizontal Rotation Angle	0 to 360 degrees
Power Supply	4 x AA size batteries (Alkaline or Ni-MH)
Flash Times	100-1500 times (with AA alkaline batteries)
Recycle Time	Approx. 3 seconds (with AA alkaline batteries)
Wireless Triggering Distance	Up to 100 meters
High-Speed Sync	Up to 1/8000s
Dimensions (D x W x H)	9.6 x 11.4 x 9.6 cm (approximate)
Weight	426g (without batteries)
Compatible Wireless Systems	YONGNUO 622c/603

WARRANTY INFORMATION

Warranty terms and conditions for the YONGNUO YN685 Speedlite are typically provided with your purchase. Please refer to the warranty card or documentation included in the product packaging for specific details regarding coverage period, limitations, and service procedures. Retain your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or service inquiries, please contact YONGNUO customer support. Contact information can usually be found on the official YONGNUO website or in the product packaging. When contacting support, please have your product model (YN685) and purchase details ready.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question