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GODOX FV150

GODOX FV150 High Speed Sync Flash LED Light

INSTRUCTION MANUAL

1. Introduction

The GODOX FV150 is a versatile hybrid lighting unit designed for both continuous LED lighting and high-speed sync flash photography. It combines the functionality of a traditional LED light with advanced flash capabilities, offering strong power, abundant features, and various special effects modes for creative shooting scenarios.

2. Product Features

- Hybrid Functionality:** Operates as both a continuous LED light and a high-speed sync flash.
- High Power Output:** 150W LED light with flash brightness four times that of the LED light, enhancing freezing capability for instantaneous action.
- High-Speed Sync:** Supports 1/8000s high-speed sync function.
- Continuous Shooting:** Over 10 continuous flashes per second at full power and 8 continuous flashes per second in HSS mode.
- Color Temperature:** Stable 5600K color temperature.
- High Color Accuracy:** CRI 96+ for accurate color rendering.
- Built-in Wireless Receiver:** Integrated Godox 2.4G wireless receiver (X system) compatible with Canon, Nikon, Sony, Fujifilm, Panasonic, Olympus, and Pentax camera systems.
- Extensive Control:** Supports 16 groups and 32 channels for individual unit control.
- Special Effects Modes:** Features 8 FX special effects modes to simulate various shooting scenes.
- Dimmable LED:** Precise 0% to 100% brightness dimming in LED continuous modes.
- Flash Power Adjustment:** 1/8 to 1/1 or 7.0 to 10.0 power levels in flash modes, displayed as fractions or decimals.
- Bowens Mount:** Compatible with a wide range of Bowens mount light modifiers.
- Clear LCD Display:** Large and clear LCD information panel for easy settings adjustment.
- Efficient Heat Dissipation:** Designed for continuous and rapid use without overheating.

3. Included Components

Verify that all the following items are included in your package:

- 1x GODOX FV150 Light Unit
- 1x Power Cord
- 1x Remote Control
- 1x Standard Reflector
- 1x Lamp Cover
- 1x Pergear Cleaning Kit



Image: GODOX FV150 Light Unit with Standard Reflector attached.

4. Setup

1. **Mounting the Light:** Attach the FV150 unit to a light stand using its U-type bracket. Secure it by tightening the adjustment knob on the bracket.
2. **Connecting Power:** Insert the power cord into the AC input port on the back of the unit and plug the other end into a suitable power outlet (AC100-240V, 50/60Hz).
3. **Attaching Modifiers:** The FV150 features a Bowens mount. Align your desired light modifier (e.g., standard reflector, softbox, beauty dish) with the mount and twist until it locks securely.
4. **Lamp Cover:** Ensure the lamp cover is removed before operation to prevent heat buildup.



Image: GODOX FV150 unit mounted on a light stand, showing the U-type bracket.

High Speed Sync Flash LED Light

FV150



High Speed Sync Flash LED Light FV series add flash functions based on the traditional LED light. FV series can be served as a flash, as well as a LED light. With strong power, abundant functions and 8 FX special effects modes, it can achieve creative shooting easily.

Image: GODOX FV150 with the standard reflector attached to the Bowens mount.

5. Operating Instructions

5.1 Power On/Off

Locate the ON/OFF switch on the back panel of the unit. Flip the switch to 'ON' to power on the light and to 'OFF' to power it down.

5.2 Mode Selection (LED / Flash)

Press the **LED** button on the left side of the control panel to switch between continuous LED mode and Flash mode. The current mode will be displayed on the LCD screen.

5.3 Adjusting Brightness / Power

- **In LED Mode:** Rotate the **DIM** knob (SET dial) on the right side of the control panel to adjust the brightness from 0% to 100%.
- **In Flash Mode:** Rotate the **DIM** knob (SET dial) to adjust the flash power output. Options include fractional settings (1/8 to 1/1) or decimal settings (7.0 to 10.0).

Combined with Continuous LED Light and High Speed Sync Flash

• As a Flash

- The light brightness of the flash is four times of the LED light's, which increase the freezing ability of instantaneous action.
- Supports 1/8000s high-speed sync function.
- Over 10 continuous flashes per second and 8 continuous flashes per second in high-speed sync mode in 1/2 power output.

Light Effect Contrast in LED Mode(100%) and Flash Mode(1/1): (ISO:400 Aperture:F8)



Image: Close-up of the GODOX FV150 LCD display showing power settings and control buttons.

5.4 Wireless Control

The FV150 has a built-in Godox 2.4G wireless receiver. To use wireless control:

1. Press the **GR/CH** button to select the desired group (A-F, 0-9).
2. Long press the **GR/CH** button to enter channel selection mode, then rotate the **SET** dial to select a channel (1-32).
3. Ensure your Godox 2.4G wireless trigger (e.g., XPro, X2T) is set to the same group and channel as the FV150.

Built-in Godox 2.4G wireless receiver (X system), compatible with Canon, Nikon, Sony, Fuji, Panasonic, Olympus and Pentax cameras.



1/8-1/1 or 7.0-10.0 power output displayed in the form of fractions or decimal.



Adjust modeling lamp's light brightness from 5% to 100%.



Image: Diagram showing the GODOX FV150 with compatible wireless triggers (XPro, X2T) for remote control.

5.5 Special Effects (FX Modes)

In LED mode, press the **FX** button on the left side of the control panel to cycle through 8 special effects modes. Rotate the **DIM** knob to select the desired effect (e.g., Flash1, Storm1, TV, Bad Bulb).

• As a LED Light



0%-100% Precise light adjustment



Built-in 8 FX special effects modes

Flash1 Flash2 Flash3
FX1 FX2 FX3

Storm1 Storm2 Storm3 TV Broken bulb
FX4 FX5 FX5 FX7 FX8



- With soft light effects and high light brightness which can be precisely adjusted from 0% to 100%.
- With 8 FX special effects mode to simulate various of shooting scene and achieve creative shooting.

Image: GODOX FV150 control panel displaying the 8 FX special effects modes.

5.6 Flash Sync and Anti-Preflash Function

- **S1 Mode:** The flash will trigger synchronously when it receives an external flash.
- **S2 Mode (Anti-Preflash):** The flash is triggered synchronously when it receives the second flash, ignoring the pre-flash from another unit.

Your browser does not support the video tag.

Video: Official GODOX video demonstrating the features and operation of the FV150 High Speed Sync Flash LED Light, including mode switching, power adjustment, and wireless control setup.

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Video: GODOX SK300IIV/SK400IIV Studio Flash operation video, showcasing control panel functions and modeling lamp adjustments, which are similar to the FV150.

6. Maintenance

- Keep the device dry. Do not handle with wet hands.
- Clean the equipment regularly with a soft, dry cloth. Avoid using solvents or harsh cleaning agents.
- Store the unit in a cool, dry place away from direct sunlight and extreme temperatures.
- Protect the LED light source from impact.

7. Troubleshooting

- **Light not powering on:** Check if the power cord is securely connected and the ON/OFF switch is in the 'ON' position. Verify the power outlet is functional.

- **Flash not firing:** Ensure the unit is in Flash mode. Check the wireless trigger settings (group, channel, ID off) and battery. Press the 'TEST' button on the unit to confirm internal flash function.
- **Inconsistent brightness:** Verify power settings in both LED and Flash modes. Ensure no external factors are interfering with light output.
- **Overheating:** If the unit feels excessively hot, power it off and allow it to cool down. Ensure proper ventilation around the unit.

8. Specifications

Feature	Detail
Product Dimensions	6.3 x 7.87 x 6.3 inches
Item Weight	6.17 pounds
Item Model Number	FV150
Manufacturer	GODOX
Date First Available	September 19, 2019
Power Supply	AC100V-240V (50/60Hz)
Power	150W
Color Temperature	5600K±200K
100% Light Brightness (LUX, 1M)	≈12000
CRI	≥96
TLCI	≥95
Light Brightness Range (LED Mode)	0%-100%
Operation Temperature	-10°C~45°C
Power Output (Flash Mode)	1/8-1/1 or 7.0-10.0
Channel	32
Group	16 (A, B, C, D, E, F, 1-9)
Dimension (not included a standard reflector)	34x20x16 cm
Net Weight	3.13Kg

9. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your product or visit the official GODOX website. Keep your purchase receipt as proof of purchase for any warranty claims.

