GODOX QT1200IIM

GODOX QT1200IIM Studio Strobe Flash Light User Manual

Model: QT1200IIM

1. Introduction

The GODOX QT1200IIM is a professional studio strobe flash light designed for high-speed and stable color temperature photography. This unit features a powerful 1200W output, fast recycling times, and advanced functions such as 1/8000s High-Speed Sync (HSS), multi-flash, and the integrated Godox 2.4G wireless X system. This manual provides detailed instructions for the safe and effective use of your QT1200IIM studio strobe.

2. Safety Instructions

Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Do not disassemble or modify the unit. Repairs should only be performed by authorized service personnel.
- Keep the unit dry. Do not expose it to rain, moisture, or high humidity.
- Do not touch the flash tube or modeling lamp immediately after use, as they can become extremely hot.
- Ensure the unit is properly grounded when connected to a power source.
- Avoid direct eye exposure to the flash light, as it can cause temporary vision impairment.
- Use only the specified power cable and accessories.
- Keep out of reach of children.
- Ensure adequate ventilation around the unit during operation to prevent overheating.

3. Package Contents

Verify that all items are present in your package:

- GODOX QT1200IIM Studio Strobe Flash Light
- Power Cable
- Standard Reflector
- Glass Protection Cover

- Modeling Lamp
- Instruction Manual



Figure 3.1: GODOX QT1200IIM with power cable, protective cap, and standard reflector.

4. Product Overview

Familiarize yourself with the components of the QT1200IIM studio strobe.

4.1 Front View (with Reflector)



Figure 4.1: Front view of the QT1200IIM with standard reflector.

This image displays the strobe unit with the standard reflector mounted, ready for light shaping. The reflector helps to direct and concentrate the light output.

4.2 Front View (without Reflector)

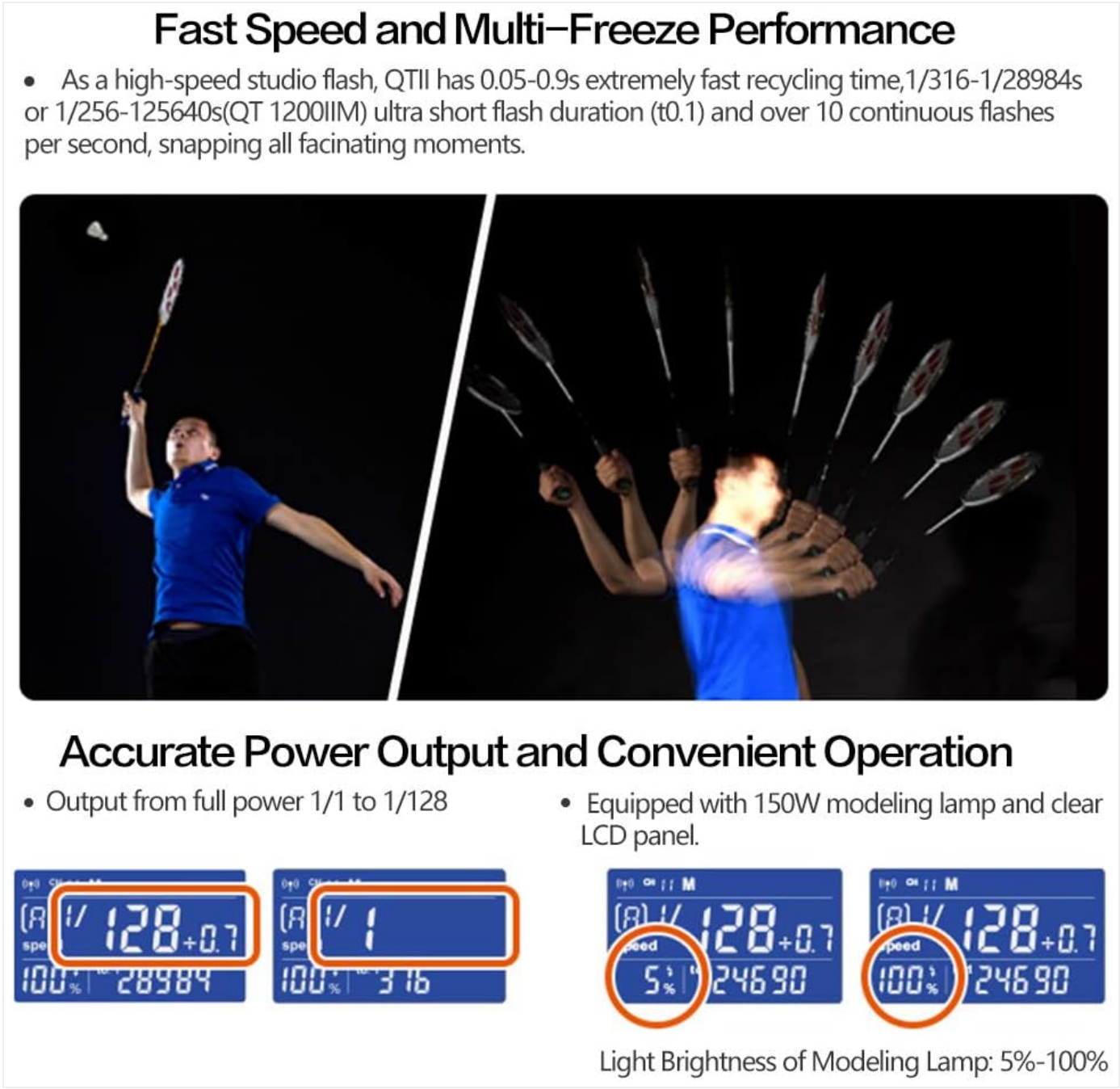


Figure 4.2: Front view of the QT1200IIM without reflector, revealing the flash tube and modeling lamp.

This view shows the exposed flash tube and the modeling lamp. The flash tube is responsible for the main light output, while the modeling lamp provides continuous light for previewing lighting effects.

4.3 Control Panel



Figure 4.3: Detailed view of the control panel.

The control panel features an LCD screen for displaying settings, along with buttons and a dial for adjusting flash power, mode, modeling lamp, and other functions. Key controls include:

- **SET Button:** Confirms selections.
- **GR/CH Button:** Adjusts group and channel settings for wireless control.
- **MODE Button:** Cycles through flash modes (Manual, Multi, HSS, Stable Color Temperature).
- **SYNC Button:** Toggles sync modes.
- **S1/S2 Button:** Activates optic slave modes.
- **BUZZ Button:** Toggles the audible flash ready indicator.
- **MOD/OFF Button:** Controls the modeling lamp.
- **TEST Button:** Fires a test flash.
- **Dial:** Adjusts power output and navigates menu options.
- **Power Switch:** Turns the unit on/off.
- **Power Input:** For connecting the AC power cable.

5. Setup

Follow these steps to set up your QT1200IIM studio strobe.

1. **Mounting:** Securely attach the strobe to a light stand using the mounting bracket. Ensure the bracket is tightened to prevent accidental movement.

2. **Install Modeling Lamp and Flash Tube:** If not already installed, carefully insert the modeling lamp and flash tube into their respective sockets. Ensure they are seated correctly.
3. **Attach Reflector/Modifier:** Align the standard reflector or any other compatible light modifier (e.g., softbox, beauty dish) with the Bowens mount on the front of the strobe. Rotate until it locks into place.
4. **Connect Power:** Insert the power cable into the power input port on the back of the strobe, then plug the other end into a suitable AC power outlet.
5. **Power On:** Flip the power switch to the "ON" position. The LCD screen will illuminate, and the unit will begin recycling.

6. Operating Instructions

This section details the various operational modes and functions of the QT1200IIM.

6.1 Power Adjustment

Rotate the dial on the control panel to adjust the flash power output. The power range is typically from 1/1 (full power) to 1/128, displayed on the LCD screen.

6.2 Modeling Lamp Control

Press the **MOD/OFF** button to cycle through modeling lamp settings: ON, OFF, and Proportional. In Proportional mode, the modeling lamp brightness adjusts relative to the flash power setting.

6.3 Flash Modes

Press the **MODE** button to select desired flash mode.

- **Manual (M) Mode:** Standard flash mode where power output is set manually.
- **Multi (Stroboscopic) Mode:** Fires a rapid series of flashes within a single exposure. Adjust flash frequency and number of flashes using the dial.
- **High-Speed Sync (HSS) Mode:** Allows synchronization with shutter speeds up to 1/8000s, enabling wider apertures in bright conditions or freezing fast motion. The color temperature may vary between 5400K-9500K in this mode.
- **Stable Color Temperature Mode:** Maintains a consistent color temperature of 5600K ± 200K across the entire power range, ideal for color-critical work.

6.4 Wireless Control (Godox 2.4G X System)

The QT1200IIM has a built-in Godox 2.4G wireless X system, allowing remote control with compatible Godox X-series transmitters (e.g., X1T, X2T, XPro). This system supports 16 groups and 32 channels.

1. **Set Group and Channel:** Press the **GR/CH** button and use the dial to set the desired group and channel on the strobe. Ensure these settings match your wireless transmitter.
2. **Remote Operation:** Once synchronized, you can adjust flash power, change modes, and trigger the strobe remotely from your transmitter.



Figure 6.1: Wireless control setup with a Godox X-series trigger on a camera.

This image illustrates the QT1200IIM being controlled wirelessly by a Godox X-series trigger mounted on a camera hot shoe, demonstrating seamless integration for remote adjustments.

6.5 Optic Slave Modes (S1/S2)

Press the **S1/S2** button to activate optic slave modes:

- **S1 Mode:** The strobe will fire in response to a single flash from a master flash. It ignores pre-flashes.
- **S2 Mode:** The strobe will fire in response to a second flash from a master flash, designed to ignore the pre-flash of a TTL system.

7. Maintenance

Proper maintenance ensures the longevity and optimal performance of your strobe.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. For the flash tube and modeling lamp, use a lint-free cloth and avoid touching them directly with bare hands to prevent oil residue.
- **Storage:** When not in use, store the strobe in a cool, dry place, away from direct sunlight and excessive dust. Ensure the protective cap is on the flash tube.
- **Lamp Replacement:** If the modeling lamp or flash tube needs replacement, ensure the unit is powered off and unplugged. Allow components to cool completely before handling. Refer to the specifications for compatible replacement parts.

8. Troubleshooting

If you encounter issues with your QT1200IIM, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Strobe does not power on.	Power cable not connected; power outlet issue; internal fuse blown.	Check power cable connection; test power outlet; contact service for fuse replacement.
Strobe does not flash.	Not fully recycled; trigger not working; incorrect wireless settings; flash tube faulty.	Wait for recycle beep/indicator; check trigger battery/connection; verify group/channel settings; contact service for flash tube replacement.
Modeling lamp not working.	Lamp off; lamp faulty.	Press MOD/OFF button to turn on; replace modeling lamp.
Inconsistent flash output.	Overheating; low power setting for rapid firing.	Allow unit to cool; reduce firing rate or increase power setting.

9. Specifications

Key technical specifications for the GODOX QT1200IIM Studio Strobe Flash Light:

- **Model:** QT1200IIM
- **Output Power:** 1200Ws
- **Recycling Time:** 0.05-0.9s
- **Flash Duration (t0.1):** 1/25640s (at minimum power)
- **Color Temperature (Stable Mode):** 5600K ± 200K
- **Color Temperature (HSS Mode):** 5400K-9500K
- **Power Output Range:** 8 stops (1/1 to 1/128)
- **Modeling Lamp:** 150W
- **Wireless Control:** Built-in Godox 2.4G X System (16 Groups, 32 Channels)
- **Sync Modes:** High-Speed Sync (up to 1/8000s), Multi-Flash, Delay Flash, Mask Function, S1/S2 Optic Slave
- **Dimensions:** 19.7 x 5.5 x 10.2 inches (approximate)
- **Weight:** 13.42 pounds (approximate)
- **ASIN:** B07ZT3G1QC

10. Warranty and Support

GODOX products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official GODOX website. Keep your proof of purchase for warranty claims.
For further assistance, you may also contact your retailer or the GODOX customer service department.

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Details

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

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