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## JINBEI TR-Q6II

# JINBEI TR-Q6II 2.4G Wireless Flash Trigger User Manual

Model: TR-Q6II

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your JINBEI TR-Q6II 2.4G Wireless Flash Trigger. Please read this manual thoroughly before use and retain it for future reference. The JINBEI TR-Q6II is a versatile 2.4 GHz wireless flash trigger designed to provide precise control over compatible JINBEI flash units. It offers multiple shooting modes, high-speed synchronization, and broad camera hot shoe compatibility.

## 2. PRODUCT OVERVIEW

### 2.1 Key Features

- **2.4 GHz Wireless System:** Stable and reliable wireless communication with 32 channels and GR groups (A/B/C/D/E/F) for independent flash control.
- **Dual Shooting Modes:** Supports automatic TTL (Through-The-Lens) mode for precise exposure and Manual (M) mode for full power control.
- **Broad Camera Compatibility:** Designed for use with Canon, Nikon, Fuji, Panasonic, and Olympus cameras via the hot shoe. *Note: Not compatible with Sony cameras.*
- **Advanced Sync Functions:** Includes First-Curtain Sync, Second-Curtain Sync, and High-Speed Sync (HSS) up to 1/8000s.
- **Bluetooth Connectivity:** Allows wireless control of trigger settings via a dedicated smartphone application (Apple and Android compatible).
- **Upper Hot Shoe:** Can trigger other brands of speedlites in slave mode when mounted on the TR-Q6II's upper hot shoe.

### 2.2 Components

The JINBEI TR-Q6II Wireless Flash Trigger consists of the main unit with an integrated hot shoe for camera mounting, an LCD display, control buttons, and an upper hot shoe for slave flash triggering.



Figure 1: Front view of the JINBEI TR-Q6II Wireless Flash Trigger, showing the LCD screen and control buttons.

# TR-Q6II | TR-Q6II S Wireless Transceiver

- Support TTL/HSS • Grouping frequency adjustment • LCD display



Figure 2: Overview of the TR-Q6II Wireless Transceiver, highlighting its support for TTL/HSS, grouping frequency adjustment, and LCD display.

## 3. SETUP

### 3.1 Battery Installation

The TR-Q6II requires two AA alkaline batteries for operation. Batteries are not included with the product.

1. Locate the battery compartment cover on the trigger.
2. Open the cover and insert two AA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

### 3.2 Mounting on Camera

The TR-Q6II features an integrated hot shoe for mounting onto compatible cameras.

1. Ensure your camera is powered off.
2. Slide the TR-Q6II's hot shoe foot into your camera's hot shoe mount.
3. Secure the trigger by tightening the locking wheel or lever (if present) on the trigger or camera hot shoe.



## JINBEI's Universal Hotshoe Multi-Contact Control Supports TTL & HSS



Integrated the contacts of each brand, so that a multi-touch hot shoe can be compatible with Canon, Nikon, Fuji, Panasonic, Olympus and other brands of camera models, and can achieve the camera and flash multifunctional linkage, such as TTL and HSS. **Please note: Not applicable to Sony cameras.**



For Canon



For Nikon



For Fuji



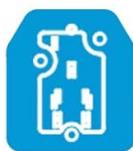
For Panasonic



For Olympus

Figure 3: The TR-Q6II mounted on a camera, illustrating its universal hot shoe compatibility with various camera brands (Canon, Nikon, Fuji, Panasonic, Olympus).

# TR-Q6II Universal Transmitter Integrated Hot Shoe



Universal Transmitter  
Integrated Hot Shoe



1/8000s  
High Speed SYNC

TTL

TTL auto flash



Rechargeable  
lithium battery



App control



2.4Ghz with  
Groups/Channels

Figure 4: The TR-Q6II transmitter integrated onto a camera hot shoe, highlighting features like 1/8000s High Speed Sync and TTL auto flash.

## 3.3 Power On/Off

To power on the TR-Q6II, slide the ON/OFF switch to the "ON" position. The LCD display will illuminate. To power off, slide the switch to the "OFF" position.

## 4. OPERATING INSTRUCTIONS

### 4.1 Basic Controls and Display

The TR-Q6II features an LCD display that shows current settings such as channel, group, and flash mode. Control buttons allow navigation and adjustment of parameters.

### 4.2 Wireless Flash Control

The TR-Q6II is designed to wirelessly control compatible JINBEI flash units. It operates on a 2.4 GHz frequency with 32 channels. Ensure your JINBEI flash units are set to the same channel and group as the TR-Q6II for proper communication.

*Important Note: While the TR-Q6II is compatible with various camera hot shoes, its wireless control*

functionality is primarily designed for JINBEI brand flash units. It may not wirelessly control other brands of flashes. However, it can trigger other brands of speedlites in slave mode when those speedlites are mounted directly onto the TR-Q6II's upper hot shoe.

### 4.3 Shooting Modes (TTL and Manual)

- **TTL (Through-The-Lens) Mode:** In this automatic mode, the trigger communicates with your camera to determine the optimal flash power for correct exposure. This is ideal for fast-paced shooting where lighting conditions may change.
- **Manual (M) Mode:** Provides full control over flash power output. You can manually adjust the power level on the trigger, allowing for precise creative control over your lighting.



Figure 5: Demonstrates the TTL Auto Shooting Mode for accurate exposure and High-Speed Sync (HSS) at 1/8000s for capturing fast motion.

### 4.4 Synchronization Modes

- **First-Curtain Sync:** The flash fires at the beginning of the exposure.
- **Second-Curtain Sync:** The flash fires at the end of the exposure, often used for creative effects with moving subjects to show a trail of light behind them.
- **High-Speed Sync (HSS):** Allows the flash to synchronize with shutter speeds up to 1/8000s, enabling

the use of flash in bright ambient light or with wide apertures.

## 4.5 Group Control

The TR-Q6II supports GR groups A/B/C/D/E/F, allowing you to control multiple flash units independently. This provides flexibility in shaping your lighting setup.



**Grouping frequency  
independent adjustment**

wireless remote control distance 100m

## Mobile phone APP full-function wireless remote control

 Bluetooth function

 Support OTA firmware upgrade



Figure 6: Illustrates independent grouping frequency adjustment and the mobile phone app for full-function wireless remote control via Bluetooth.

## 4.6 Bluetooth and App Control

The built-in Bluetooth functionality allows you to connect the TR-Q6II to your smartphone (compatible with both Apple and Android devices). Download the dedicated JINBEI app to wirelessly control all flash trigger settings, including power, groups, and modes, directly from your phone.

## 4.7 Upper Hot Shoe for Slave Triggering

The TR-Q6II features an upper hot shoe that can be used to trigger other brands of speedlites in slave mode. Mount the slave speedlite directly onto the TR-Q6II's upper hot shoe to utilize this function.

# Upper Hot Shoe

Support other brands of speedlite sync(**Slave**)



Figure 7: The TR-Q6II with its upper hot shoe, demonstrating its ability to synchronously flash with other brand speedlites in slave mode.

## 5. MAINTENANCE

- Cleaning:** Use a soft, dry cloth to clean the exterior of the trigger. Do not use liquid cleaners or solvents.
- Storage:** Store the trigger in a cool, dry place away from direct sunlight and extreme temperatures. Remove batteries if the unit will not be used for an extended period to prevent leakage.
- Handling:** Avoid dropping the trigger or subjecting it to strong impacts.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Trigger does not power on.	Batteries are dead or incorrectly inserted.	Replace with fresh AA batteries, ensuring correct polarity.

Problem	Possible Cause	Solution
Flash units are not firing wirelessly.	<ul style="list-style-type: none"> <li>Incorrect channel/group settings.</li> <li>Flash units are not JINBEI brand.</li> <li>Distance too far or obstructions.</li> </ul>	<ul style="list-style-type: none"> <li>Ensure trigger and flash units are on the same channel and group.</li> <li>Confirm flash units are compatible JINBEI models for wireless control.</li> <li>Reduce distance between trigger and flashes, remove obstructions.</li> </ul>
High-Speed Sync (HSS) not working.	Camera or flash unit does not support HSS, or HSS is not enabled.	Check camera and flash unit manuals for HSS compatibility and activation.
Bluetooth connection issues.	Bluetooth is off on phone/trigger, or app is not installed/updated.	Ensure Bluetooth is active on both devices. Install or update the JINBEI app.

## 7. SPECIFICATIONS

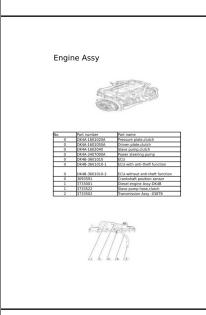
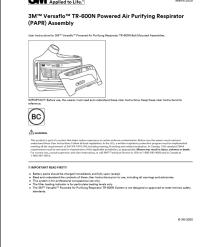
Feature	Detail
Model	TR-Q6II
Wireless Frequency	2.4 GHz
Channels	32
Groups	A/B/C/D/E/F
Shooting Modes	TTL (Auto), Manual (M)
Sync Modes	First-Curtain Sync, Second-Curtain Sync, High-Speed Sync (up to 1/8000s)
Camera Compatibility	Canon, Nikon, Fuji, Panasonic, Olympus (Not compatible with Sony)
Connectivity	Hot Shoe, Bluetooth
Power Source	2 x AA Alkaline Batteries (not included)
Dimensions	2.8 x 2.7 x 2.1 inches (approx.)
Weight	7 ounces (approx.)
Manufacturer	JINBEI

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official JINBEI website. Contact details for customer service are typically available on the manufacturer's website.

Official JINBEI Store: [JINBEI Amazon Store](#)

## Related Documents - TR-Q6II

	<p><a href="#">Jinbei DMII Series Portable Studio Flash User Manual and Specifications</a></p> <p>Comprehensive guide to Jinbei DMII series portable studio flash lights (DMII-3, DMII-4, DMII-5, DMII-6). Includes detailed specifications, operating instructions, troubleshooting tips, package contents, and accessory compatibility for professional photography.</p>
	<p><a href="#">JINBEI Vehicle Parts Catalog and Service Manual</a></p> <p>Comprehensive parts catalog and service manual for JINBEI vehicles, featuring detailed diagrams and part numbers for engine, transmission, chassis, electrical, and body components.</p>
	<p><a href="#">Паспорт транспортного средства: JINBEI MINIBUS SY6483AZ (VIN: LSYBCABA37K072756)</a></p> <p>Информация из паспорта транспортного средства (ПТС) для JINBEI MINIBUS SY6483AZ, включая VIN, технические характеристики, данные владельца и историю регистрации.</p>
	<p><a href="#">Rollei TR-Q6II / TR-Q6IIs Wireless Flash Trigger Manual</a></p> <p>Comprehensive user manual for the Rollei TR-Q6II and TR-Q6IIs wireless flash triggers, covering installation, functions, technical specifications, and safety guidelines.</p>
	<p><a href="#">3M Versaflo TR-600N PAPR User Instructions   Powered Air Purifying Respirator Guide</a></p> <p>Comprehensive user instructions for the 3M™ Versaflo™ TR-600N Powered Air Purifying Respirator (PAPR) Assembly, covering system operation, safety, maintenance, and troubleshooting for professional occupational use.</p>