GODOX RT-16

GODOX RT-16 Wireless Flash Trigger Set Instruction Manual

Model: RT-16

INTRODUCTION

The GODOX RT-16 Wireless Flash Trigger Set is designed to provide reliable wireless synchronization for studio monolights and strobe flashes. Operating on a 433MHz frequency, it offers 16 selectable channels for interference-free operation. This set includes one transmitter and one receiver, enabling remote control of your flash units.

The system supports a synchronization speed of up to 1/200s and has a wireless control range of up to 30 meters. It is compatible with a wide range of camera brands including Fujifilm, Canon, Nikon, Olympus, and Pentax. Please refer to the compatibility list for specific models.

Note: This product is not compatible with Sony MI hotshoe cameras or Canon 1500D, 3000D, and 200D Mark II models.
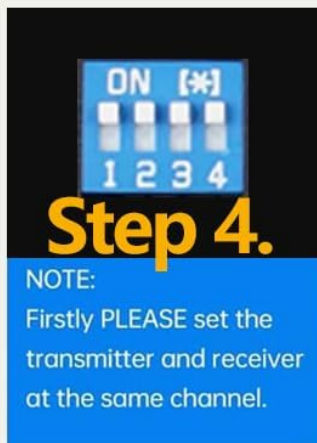
SETUP

1. Battery Installation

The transmitter requires a 12V 23A battery, and the receiver requires two AAA batteries (not included). Ensure correct polarity when inserting batteries.

3.
TURN ON

RT-16

1. requires 2* AAA batteries (not include)

2. remove insulating film

powered by build-in battery, replacable
disassemble screw is under the "QC" label.

QC PASS NO 52

Image: Transmitter battery compartment. The transmitter uses a 12V 23A battery. Remove the screw under the 'QC PASS' label to access the compartment.
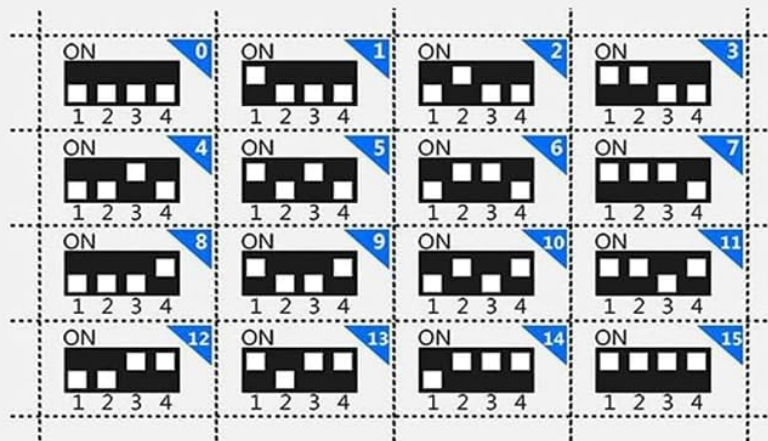
Image: Receiver battery compartment. The receiver requires two AAA batteries. Ensure to remove any insulating film if present before inserting batteries.

2. Setting Channels

Both the transmitter and receiver feature dip switches to select one of 16 available channels. For proper operation, ensure both units are set to the same channel.

Image: Channel selection diagram. This diagram illustrates how to set the dip switches on both the transmitter and receiver to match one of the 16 available channels.

3. Connecting to Equipment

Mount the transmitter onto your camera's hotshoe. Connect the receiver to your studio strobe or monolight using the appropriate sync cable. The receiver has a 3.5mm jack, and a 3.5mm to 6.35mm adapter is included for compatibility with larger sync ports.

Image: Transmitter on camera and receiver connected to a studio strobe. This shows the typical setup for using the RT-16 system.

RT-16 Flash Trigger Set

GODOX studio flash trigger is to control camera to trigger studio strobe synchronously, There are 16 channels with high resistance.

RT-16 flash transmitter

RT-16 flash receiver

compatible with following style of camera hotshoes

Canon   Nikon   Pentax   Sony   Fuji   Olympus

Image: 6.35mm adapter connection. The included adapter allows the receiver to connect to strobes with a 6.35mm sync port.

OPERATING INSTRUCTIONS

1. Power On

Ensure both the transmitter and receiver are powered on using their respective ON/OFF switches.

2. Test Firing

Press the test button on the transmitter to verify that the connected flash unit fires. The indicator light on the receiver should illuminate when a signal is received.

3. Camera Synchronization

Once the transmitter is mounted on your camera's hotshoe and the receiver is connected to your flash, take a picture. The flash unit should fire in sync with your camera's shutter.

4. Multiple Receivers

One RT-16 transmitter can control multiple RT-16 receivers simultaneously, provided all units are set to the same channel. This allows for multi-light setups.

Image: Multiple receiver setup. Illustrates how a single transmitter can wirelessly trigger multiple flash units equipped with RT-16 receivers.

MAINTENANCE

1. Battery Replacement

When the indicator light on the transmitter or receiver becomes dim or the units fail to trigger reliably, it is time to replace the batteries. Refer to the battery installation section for guidance.

> Your browser does not support the video tag.

Video: How to change the L1028F battery in the RT-16 Transmitter. This video demonstrates the process of replacing the transmitter's battery.

2. Cleaning

Use a soft, dry cloth to clean the exterior of the transmitter and receiver. Avoid using harsh chemicals or abrasive materials.

3. Storage

When not in use for extended periods, remove batteries from both units to prevent leakage. Store the set in

a cool, dry place away from direct sunlight and extreme temperatures.

TROUBLESHOOTING

- **Flash not firing:**
    - Ensure both transmitter and receiver are powered on.
    - Verify that both units are set to the same channel.
    - Check battery levels in both units and replace if necessary.
    - Confirm the receiver is securely connected to the flash unit's sync port.
    - Ensure the transmitter is properly seated on the camera's hotshoe.

- **Inconsistent firing:**
    - Check for potential interference from other wireless devices.
    - Reduce the distance between the transmitter and receiver.
    - Ensure there are no significant obstructions between the units.

- **Compatibility issues:**
    - Review the camera compatibility list provided in the setup section.
    - Note that Sony MI hotshoe cameras and specific Canon models (1500D, 3000D, 200D Mark II) are not supported.

SPECIFICATIONS

Feature	Specification
Model	RT-16
Work Frequency	433MHz
Channels	16
Synchronization Speed	Up to 1/200s
Wireless Control Distance	Up to 30 meters
Transmitter Power Supply	12V 23A battery
Receiver Power Supply	2 x AAA batteries
Package Dimensions	8.9 x 3.74 x 1.57 inches
Item Weight	4.9 ounces

Legacy Hot Shoe Remote Control: RT-16、FT-16、XT-16 flash trigger

Compatible list of the camera

Note: 1. This table only lists the tested camera models, not all cameras. For the compatibility of other camera models, a self-test is recommended.
2. Rights to modify this table are retained.

Brand	Model	Flash Sync
Canon	5DIII	√
	5DIV	√
	70D	√
	80D	√
	1DX	√
	850D	√
	760D	√
	5DII	√
	7DII	√
	6DII	√
	6D	√
	800D	√
	90D	√
	600D	√
	7D	√
	3000D	Unavailable
	1500D	
	200DII	
	M5	√
	M3	√
	EOS RP	√
	EOS R	√
	R5	√
	R6II	√
	R7	√
	R50	unavailable
	60D	√

Note:
1. Camera R50 needs to collocate with an adapter.
2. Canon 1500D, 3000D and 200DII do not support legacy hot shoe triggering.

Brand	Model	Flash Sync
Nikon	D800	√
	D780	√
	D5	√
	D4	√
	D500	√
	D610	√
	D750	√
	D700	√
	D300S	√
	D3300	√
	D3100	√
	D5300	√
	D5200	√
	D5000	√
	Z7II	√
	Z6	√
	Z8	√
	ZFC	√
	D200	√
	D60	√
	D5100	√
	D7500	√
	D7100	√

Brand	Model	Flash Sync
Sony	A7III	√
	A7IV	√
	A7R5	√
	A7RIII	√
	A7RIV	√
	A9	√
	A7RII/V4.0	√
	A7R	√
	A6400	√
	RX10	√
	A99	unavailable
	A77	unavailable
	A77II	√
	A350	unavailable
	ZV-1	√
	ZV-E10	√
	A9III	Unavailable

Note:
1. DSLR cameras A99/A77/A350 need to collocate with adapters.
2. A9III does not support legacy hot shoe triggering.

Brand	Model	Flash Sync
FUJIFILM	X-Pro2	√
	X-T20	√
	X-T2	√
	X-T1	√
	GFX50s	√
	GFX50R	√
	X-T30	√
	X-T4	√
	X-T3	√
	X-Pro1	√
	X-T10	√
	X-E1	√
	X-A3	Unavailable
	X100F	√
	X100T	√
	X-T5	√
	X-T50	√
	X-H2	√

Note:
1. Camera X100F do not support sync triggering at a shutter speed of 1/250 and 1/4000.
2. Camera X100T do not sync at a shutter speed over 1/60.
3. Camera X-A3 does not support legacy hot shoe triggering.

Brand	Model	Flash Sync
Pentax	K-3II	√
	645Z	√
	KP	√
	K-70	√
	K-S2	√
	K-1	√
	K50	√

Brand	Model	Flash Sync
Leica	SL1	√
	M10	√
	Q2	√
	TYP601	√
	LEICA-CL	√
	LEICA-SL2	√

Brand	Model	Flash Sync
Olympus	E-M1	√
	PRN-F	√
	E-M10II	√
	E-M10III	√
	E-PL8	√
	E-P5	√
	E-M5II	√

Brand	Model	Flash Sync
Panasonic	GH4	√
	LX100	√
	GF1	√
	G85	√
	GX85	√
	FZ2500GX	√
	S1R	√
	GH5	√
	G7	√

Image: Camera compatibility list. This table provides a detailed list of compatible camera brands and models for the RT-16 flash trigger.

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official GODOX website or contact your retailer. Keep your purchase receipt for any warranty claims.

You can find more information about GODOX products at the GODOX Store.

Related Documents - RT-16

Godox MS200V MS300V Compact Studio Flash User Guide and Safety Instructions
This document provides comprehensive instructions, safety guidelines, technical specifications, and warranty information for the Godox MS200V and MS300V compact studio flashes, designed for professional photography.

	Godox AD600 Pro All-in-One Outdoor Flash Instruction Manual Comprehensive instruction manual for the Godox AD600 Pro, an all-in-one outdoor flash, covering features, operation modes, wireless settings, technical specifications, and troubleshooting. Includes detailed descriptions of diagrams and functions.
X2T-N User Manual • Uživatelský manuál • Uživatelský manuál • Használati utasítás • Benutzerhandbuch	**Godox X2T-N Wireless Flash Trigger for Nikon Cameras** Comprehensive user guide for the Godox X2T-N wireless flash trigger, detailing its features, setup, compatibility with Nikon cameras, and advanced lighting control capabilities.
	Godox XProN TTL Drahtloser Blitzauslöser - Bedienungsanleitung Umfassende Bedienungsanleitung für den Godox XProN TTL Drahtlosen Blitzauslöser. Erfahren Sie, wie Sie Ihr Blitzgerät für Nikon-Kameras einrichten, bedienen und optimieren, einschließlich Funktionen wie Hochgeschwindigkeits-Synchronisation und i-TTL-Steuerung.
	Godox XProO Wireless Flash Trigger Instruction Manual Comprehensive instruction manual for the Godox XProO wireless flash trigger, detailing its features, operation, settings, compatibility with Olympus and Panasonic cameras, and troubleshooting.
V100 Flash dôme TTL rond au lithium	**Godox V100 Lithium Round TTL Flash Dome User Manual** This user manual provides detailed instructions for the Godox V100 Lithium Round TTL Flash Dome, covering its features, operation, settings, and troubleshooting. It includes information on master/slave modes, wireless flash, TTL and manual flash modes, and compatibility with various camera models.