



KWIK Series Studio Flash 250 / 450 WS

with Bowens S Mount



Thank You for Choosing ORLIT! Flash Extraordinaire.

The [ORLIT KWIK 450 and 250 WIRELESS MONOLIGHTS](#) bring wireless Canon, Nikon, and Sony radio compatibility to the portable AC Monolight, for the photographer that insists on the total control of Manual power.

The [Orlit KWIK 450 and 250](#) are 500 and 300ws AC strobes, based on the same technology built into the RT610 radio system and Orlit TR series transmitters for remote power control, in a sleek, manual only version, without RT connectivity.

The incredible amount of raw energy and innovation in these compact and lightweight units make the KWIK System the first choice Orlit professional photographers on the move. With a focus on portable lighting, the KWIK collection hopes to enhance your Orlit RT system.

Please read all the information contained in this user's guide carefully, keep it in a safe place and share it with other users.

Let us know how you are enjoying this new monolight and share you successes with us.

If any questions or concerns arise as you use this flash, please write to brands@adorama.com or call [212-647-9300](tel:212-647-9300) for personal technical support.

You can shop all of our brands at www.adorama.com/ourbrands

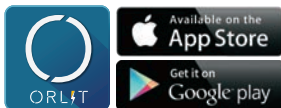
Features Include

- 236GN (KWIK 450) / 196GN (KWIK250) at ISO100 with Standard Reflector
- Extremely compact design, with worldwide AC power
- Built in 2.4Ghz ORLIT radio for Canon, Nikon, Sony built-in remote control.
- Wireless Range - 980ft/300m plus with Orlit TR-611C / TR-612N and the TR-Q6 series with Smartphone APP as Transmitter
- Canon, Nikon, and Sony Radio Slave Modes
- 10 Groups - 0 / A / B / C / D / E / F / G / H / I
- 16 Channels
- Rear dot-matrix LCD panel with clear and convenient operation
- Backward compatible with the Flashpoint Rovelight radio control system for manual output control and triggering
- Industry benchmark interference avoidance with Orlit Radio System
- Links wirelessly with new Orlit RT-600Canon TTL or 600Nikon TTL Speedlights
- Power adjusts from full 7.0 to 1.0 power in full and 1/10 stop increments
- 10W LED Modeling Light (60W Tungsten Equivalent, 3200K) with recycle link
- Recycle audio signals
- Auto Thermostatically Controlled Fan Cooled with Overheat Protection

- Can be triggered optically, or with a standard 3.5mm sync cord
- Tilt head with integrated umbrella mount
- Vents and automatic fans for cooler, quieter running lights
- Many accessories available for the standard Bowens Mount
- Stable color temperature at 5500°+/-200° K over the power range
- Extensive Custom Functions
- Auto Memory Recall
- Mini USB Port for Firmware Upgrades
- 2 Year Warranty

The New ORLIT Smartphone App that seamlessly integrates the latest in wireless command into your studio life, with a rich array of command screens that gives touch control to the myriad of ORLIT features without going near your set, right from your favorite Smartphone. In tandem with the studio friendly ORLIT TR-Q6 wireless remote, the pair blends the harmony of beauty and innovative function into a device that seems to anticipate the needs of phone connoisseurs. Your studio-at your fingertips

Available for Android in Android Play
and Apple in iTunes App Store!



For Your Safety

Always keep this product dry. Do not use in rain or in damp conditions. Please dry your hands before handling the equipment.

This product contains high-voltage electronic parts. Touching the high-voltage circuit inside it may result in electric shock.

Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.

Stop using this product if it breaks open due to internal shifting, falling or strong impact. **STRONG** electric shock may occur if you touch the components inside.

Do not use the strobe unit in the presence of flammable gases, chemicals and other similar materials. In certain circumstances, these materials may be sensitive to the strong light emitting from this strobe unit and fire may result.

Do not leave or store the strobe unit if the ambient temperature reads over 122 ° F/50°C (e.g. in automobile in the sun). The electronic parts may be damaged.

Do not use any power supply other than the included one to charge the battery. Please do not use the flash while the battery is connected to the charger.

Do not insert metal parts into any lighting equipment, except the special umbrella channel. Please ensure that you have firmly tightened the handle on the umbrella bracket before using it to support the unit.

Do not touch the electrical contacts on the strobe or contact them with any conductive materials.

This strobe has an over-heat protection circuit. Rapid continuous firing will cause the strobe to slow operation and trigger a “cool down” period. After this period, the strobe will resume normal operation. You may also reboot the strobe by cycling the power off and then on.

The strobe has a locking pin to ensure secure operation. To avoid damage, slide the release before removing any reflectors or accessories.

In case of abnormal function, sparks, excessive heat, flames or smoke, immediately power off the unit and disconnect the battery if possible. Have it checked by an authorized technician.

Firmware Upgrade

The [ORLIT KWIK 450 and 250](#) supports firmware upgrades through the USB port. Update information will be released on the ORLIT official website.

Maintenance

Avoid sudden impacts. The product should be kept dust free. It is normal for the flash tube to be warm when in use.

Avoid continuous flashes if unnecessary. Overheating the flashtube weakens its strength.

Shut down the device immediately should abnormal operation be detected. If the product exhibits failures or was exposed to liquids, cease its use until it is repaired by professionals.

Maintenance of the flash must be performed by our authorized service department which can provide original accessories. This product, except consumables, e.g. flash tube, is supported with a two-year warranty.

Unauthorized service will void the warranty.

Changes made to the specifications or designs may not be reflected in this manual.



- 1. Handle
- 2. Flash Tube
- 3. 10W LED Modeling Lamp
- 4. Light Head Tilt Lock

- 5. Modifier Mount
- 6. Modifier Release Button
- 7. Light Stand Lock Knob



8. "-" (Minus) Button

9. Infra-red Sensor

10. Modeling Lamp/Buzz Switch

11. TEST Button

12. SYNC Socket

13. "+" (Plus) Button

14. Wireless Switch

15. Function Set Button

16. Power Button

17. Power Socket

18. Umbrella Socket

LCD Panel Menus Settings and Options



19. Power Output Icon: 1.0-7.0 (1/64-1/1) Minimum 1.0, Maximum 7.0

20. Wireless Receiver Icon

NO Icon: For Orlit trigger with Channel and Group (TR-V6)

C: Canon wireless trigger (TR-Q6C/TR-611)

N: Nikon wireless trigger (TR-Q6N/TR-612)

S: Sony wireless trigger (TR-Q6S)

21. Wireless Channel Icon: 00-15, 16 channels Maximum 16 shooting areas working together with no interference.

22. Wireless Trigger Icon: when this icon appears, the flash can be triggered by wireless transmitters. When this icon disappears, the flash cannot be triggered by 2.4GHz wireless, but power output values can be changed through 2.4GHz wireless. (Infra-red on)

23. Group (GR) Icon: 0, A-I, totally 10 groups. Under the same Channel (CH), 10 flashes can be set independently.

24. Buzz Audio Icon: when Buzz is on, the modeling lamp does not indicate recycle completion by relighting after firing the flash.

25. Modeling Lamp Icon: When this icon appears, modeling lamp is on. When this icon disappears, modeling lamp is off.

26. Infra-red Sensor Icon: when Infra-red Sensor switches on, 2.4GHz wireless is off. Light can only be triggered by Infra-red.

ORLIT KWIK Wireless Operation

Wireless remote control

Long press the Wireless Switch (14) to switch on the 2.4GHz wireless receiver.

Short press the Wireless Switch (14) to change the wireless receiver mode.

The Orlit TR-V6 wireless trigger is linked to the monolight when no Wireless Receiver Icon (20) is visible, but the Channel (CH) and Group (GR), icons are lit.



Wireless Receiver Icon (20)

When there is no Wireless Receiver Icon (20), but a Channel (CH) value, an Orlit TR-V or TR-A6 can trigger the flash.

Wireless Receiver Icon (20) appears “C”, which means it is compatible for Canon wireless trigger (TR-Q6C/TR-611).

Wireless Receiver Icon (20) appears “N”, which means it is compatible for Nikon wireless trigger (TR-Q6N/TR-612)

Wireless Receiver Icon (20) appears “S”, which means it is compatible for Sony wireless trigger (TR-Q6S)

Channel or Group values:

Short press Function Set Button (15), “CH” will blink. Then, press “+” or “-” to set Channel (CH) from 00 to 15.

Short press Function Set Button (15), “GR” will blink. Then, press “+” or “-” to set Group (GR) from A to I, or O.

Important ORLIT KWIK 250 and 450 Feature Notes

1. Wireless receive mode

The KWIK 250 or 450 requires an Orlit wireless trigger to provide wireless control. Use on of these exceptional Orlit TR-V6, TR-Q6 series, TRS-V, TR-A6 remote transmitters.

2. Multi-shooting mode

When using your camera to the multi-shooting or rapid fire mode, please decrease the power output of the KWIK 250 or 450 so as to work in tandem with the camera's shutter speed.

When the monolights's power output is too high, the flash may not catch up camera's high rate of frames per second.

3. Overheat Protection

In the event of thermal overheating, the KWIK 250 and 450 will go into overheat protection mode, display an OH symbol on the LCD and shut down. When the flash cools down, the unit will come back on and the OH indicator will turn off. Please stop using the flash unit until it returns to an acceptable temperature level.

4. The Orlit Smartphone APP seamlessly integrates the latest in wireless command into your studio life by linking the Orlit TR-Q6 transmitter accessory to your iPhone or Android Smartphone. A rich array of screens give touch control to the myriad of Orlit features without going near your set, right from your favorite Smartphone. Your studio - at your fingertips!

The Flash Extraordinaire extends into the future.

Technical Specifications

Model	KWIK 250	KWIK 450
SKU	ORLFKWIK250	ORLFKWIK450
Guide number	GN196ft/60m	GN236ft/72m
Output in joule	300Ws	500Ws
Flash power range	M: 1.0~7.0, 1 f-stop / 0.1 f-stop increment	
Recycling time	0.05-0.7s	0.05-0.9s
Flash mode	M (Manual) mode	
Sync mode	Normal mode	
Flash duration (T=0.5)	1/800-1/2200s	1/800-1/2000s
Color temperature	5500°K±200°K	
Modeling lamp	10W LED	
Wireless receiver	Built-in 2.4GHz	
Channel / Group	CH: 00-15 / GR: 0/A/B/C/D/E/F/G/H/I	
Infra-red sensor	Built-in infra-red sensor	
BUZZ Audio	Yes	
Sync socket	3.5mm	
Sync voltage	DC 5V	
Protection method	Overheat sensor system	
Operating voltage	AC 90-265V 50/60Hz 10A Fuse	
Weight	3lb 9oz / 1.62Kg	
Dimensions	10.6x5.1x7.6 in / 270x130x195 mm	

ORLIT products develop continuously.

Technical data or functions may change without notice.

Keep the firmware up to date to get the most out of your Orlit flash.

Two Year ORLIT Limited Warranty

ORLIT warrants to the original purchaser that your ORLIT product shall be free from defects in material and workmanship for the period of two (2) years from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

ORLIT's entire liability and your exclusive remedy for any breach of warranty shall be, at ORLIT's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as ORLIT may direct with a copy of the sales receipt or dated itemized receipt. ORLIT may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by ORLIT, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim contact the ORLIT Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to ORLIT, along with the RMA number and proof of purchase.

Technical Support

Question about our product line? Need Product Support?

We are proud of our products and celebrate our customers. We are with you, from product selection to everyday use. Be secure with your purchase and reach us as you need.

Email us: brands@adorama.com **Call:** 212-647-9300

Address: Adorama Brands, 42 West 18th Street, New York, NY 10011

You can always contact us at BRANDS@ADORAMA.COM for personal technical support. Our web site contains a wide range of Support and FAQ pages with valuable technical assistance.

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More ORLIT Products



TTL Flash Extraordinaire with Rovelight RT

1. Rovelight RT 600AC
2. TR-Q6 RT Studio Flash Trigger
3. Rovelight RT 800AC
4. RT600-C Speedlite
5. Rovelight RT 610
6. RoveLight RT 601
7. Rover RT
8. ST-RT Wireless Transmitter
9. TR-611/612 Transceivers



The advertisement features a central image of a studio setup. A person is seen from the back, holding a smartphone and looking at a camera on a tripod. The camera is pointed at a white table displaying various electronic equipment. Several yellow circles with lines pointing to specific items are overlaid on the image, each containing a product name and model number. The background is a plain white wall with the ORLIT logo in the top right corner.

ORLIT

ORLIT RT-600C TTL RT Speedlite For Canon ORLFSMRT600C

ORLIT ROVELIGHT RT 600AC/800AC TTL ORLFR600RTB ORLFR800RTB

AC Adapter Unit for Rovelight RT 610 ORPPRT610AC

ORLIT RoveLight RT 610 HSS TTL Monolight ORLFR610RTB

ORLIT TR-Q6C TTL STUDIO FLASH TRIGGER ORRRTRQ6C

ORLIT TR-611C TTL 2.4Ghz Transceiver for ORLIT Rovelight RT 610 ORRRTR611C

ORLIT Rover RT TTL Off-Camera Flash Kit ORRRTRQ6C

Available on the **App Store**

ANDROID APP ON **Google play**



ORLFKWIK250
ORLFKWIK450

For assistance, you can always email Brands@Adorama.com