

ORLIT

Studio Flash Trigger

TR-Q6 TTL

For the Rovelight RT Series



Canon TR-Q6RTC
Nikon TR-Q6N
Sony TR-Q6S
Fujifilm TR-Q6F



Thank you for purchasing the ORLIT TR-Q6 TTL Wireless Radio Studio Transmitter.

TR-Q6 RTC is designed especially for **CANON** cameras (RT Radio system Compatible).

TR-Q6N is designed especially for **NIKON** camera.

TR-Q6S is designed especially for **SONY** cameras.

TR-Q6F is designed especially for **FUJIFILM** cameras.

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

The ORLIT TR-Q6 Series TTL Transmitter adds TTL function to a studio environment. When used on the camera's hot shoe, a photographer can easily adjust the exposure for Orlit Rovelight RT610 TTL and RT601 Monolights, Orlit RT600C Speedlites, and Orlit Rovelight RT600/800 AC Monolights. The ORLIT APP especially designed for the TR-Q6 for iPhones and Android Smartphones, blends the harmony of beauty and innovative function into a device that seems to anticipate the needs of photo connoisseurs.

Featuring multi-channel triggering, stable signal transmission, and sensitive reaction, it gives photographers wide flexibility and control over their strobist setups. With the ORLIT TR-Q6 TTL Transmitter, high speed synchronization is available for most of camera flashes which support TTL. The max flash synchronization speed for HSS is up to 1/8000s, when the camera has a max camera shutter speed of 1/8000s.

ORLIT TR-Q6 Series TTL Transmitter are not compatible to any other brand of wireless triggering system. ORLIT TR-Q6 RTC TTL Transmitter may not be compatible with some older models of cameras. Canon cameras manufactured before 2012 have limited functionality with the TR-Q6 Series.

Thank You for Choosing ORLIT! TTL Flash Extraordinaire.

Let us know how you are enjoying this new transmitter and share your 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

For Your Safety

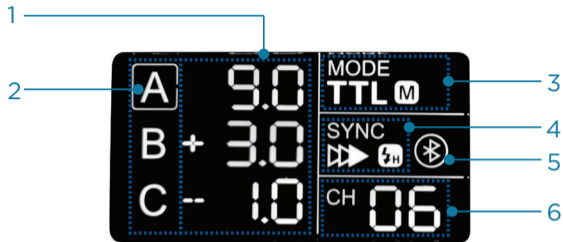
- Always keep this product dry. Do not use in rain or in damp conditions. Please dry your hands before handling the equipment.
- To prevent damage to delicate electronic parts, do not leave or store the TR-Q6 in environments where the ambient temperature is over 122°F/50°C (e.g. in automobile in the sun).
- Do not use any power supply other than AAA batteries.
- Do not touch the electrical contacts on the hotshoe foot or battery or contact them with any conductive materials.
- Please don't attempt to repair or disassemble the ORLIT TRQ6 TTL Transmitter. Should repairs become necessary, this product must be sent to an authorized maintenance center.
- 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.

WIRELESS
SIGNAL INDICATOR

HIGH DEFINITION
WIDE-ANGLE LCD SCREEN



Orlit TR-Q6 Screen Key



1. Power Value

M manual mode - 1.0 ~ 9.0 **9.0**















(minimum power output 1.0, maximum power output 9.0)

TTL automatic mode --- 3.0 ~ + 3.0 **+ 3.0**

(minimum exposure compensation value -3.0, maximum exposure compensation value +3.0)

2. Group A **A** / B **B** / C **C**

(In the same CH channel, three GR groups can be independently controlled, the number of flashes in each group is not limited.)

3. Shooting Mode    : M Manual Mode  /TTL Automatic Exposure Mode 
4. Flash Sync Mode   : Front Curtain Sync (no icon display, default flash mode)  Rear curtain sync  High-speed flash sync mode  
(Shutter speed synchronized with the flash, shutter speed up to 1 /8000s)
5. Bluetooth icon  : long press SYNC button for 1 second, Bluetooth will turn on or off. (With the Bluetooth function, you can control flash through the Orlit APP on an Apple / Android mobile phone)
6. Channel   : CH00 ~ CH15 totally 16 wireless channels.
7. For complete instructions for use in Canon RT mode (ZBG), including setting the ID, see page 9.

Orlit TR-Q6 Canon RT

The Orlit Q6 transmitter for canon has 2 modes: RT and RF.

Lets take a step back and understand why: Canon created the 600-EX-RT flash which uses its RT radio system. The RT radio system was designed for controlling SPEEDLIGHTS only. Orlit expanded the line with its own (large) RT monolight units, however these units offer functions not available on speedlights; for example, 1/10 of a stop adjustment, and modeling lamps. While the units will work in RT radio system mode to allow integration with RT speedlights, for maximum function use Orlit transmitters and strobes ONLY, in RF mode, which allows these controls. By default the Orlit TR-Q6-C will be in RF mode, for providing maximum function with Orlit monolights. BUT FOR INTEGRATING WITH SPEEDLIGHTS (FROM CANON OR ORLIT) YOU WILL NEED TO BE IN RT MODE.

The easiest way to determine if the transmitter is in RF or RT mode is to be aware that RF mode does not use IDs.

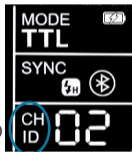
If the transmitter is displaying ONLY channels on the bottom right, it is in RF mode. To switch to RT mode for integrating with speedlights, press the power button briefly. The channel display will now cycle between the channel symbol and the ID symbol. You are now in RT mode.

Use the CH button to set both the channel and ID. Remember that the channel and ID must be the same on the transmitter and all units. For maximum stability, use ID 0000 (00) or 0001 (01) only.


Once the unit has “linked” to the remote lights using Canon’s RT protocols, the unit will display a Radio Tower icon. This functions like the green LINK indicator on canon flashes.

How to set the Canon RT mode (ZGB) ((P)) :

Short-press power switch , RT mode (ZGB) will be active and LCD will display channel and ID values intermittently. Press briefly again to use RF mode. (RF mode will be shut down automatically under RT mode)



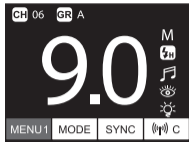
How to set ID under Canon RT mode (ZGB)

Short-press power switch  to change to Canon RT mode (ZGB), as described above. Short press the CH button to change the display from CH to ID. Use the Plus or Minus buttons to change the value to match the linked flash units.

TR-Q6 Interface Screens



TR-Q6 Smart Transmitter Interface










Orlit TTL Interface

Step 1: Long press POWER switch  for 1 second to turn on.

Step 2: Set wireless mode according to the camera brand.

“Canon  C / Nikon  N / Sony  S / Fujifilm  F

Step 3: Set same CH and GR on transmitter and flash. Press the <CH> button  , the CH icon will blink  Press the plus  or minus  button to adjust to select CH; Press the GR button  The GR icon will blink. Press the plus or minus button to adjust to select GR. Such as: set transmitter and flash both at - CH06  GR A 

Note: The lights will flash under same CHs and can be adjusted separately under different GRs.



Step 4: Press <TEST> button to test if the flash syncs with the transmitter.

Step 5: Press the <MODE> button to switch between “M” manual mode & “TTL” auto mode.

Step 6: Press the <SYNC> button to switch between: “Front curtain sync”/“Rear curtain sync”/“High Speed sync”

Step 7: Press the <LAMP>button to turn on or off the modeling lamp.

Step 8: Press the <SLEEP> button to enter into sleep mode.

Step 9: How to set Canon RT mode (ZGB) Short-press power switch , RT mode (ZGB) will be selected. The LCD shows  both. CH/ID values, intermittently. Short-press CH button to switch the icon from CH to ID. Plus or minus the value of ID until it is the same as the flash units you are linking.

Setting Up the ORLIT App



iPhone: Search APP Store for ORLIT
Android Smartphone: Search Play Store for ORLIT

Download and install.

Step 1: Long press the power switch to turn on TR-Q6.

Step 2: Long press the <SYNC> to turn on the Bluetooth function, the Bluetooth icon will show on display

Step 3: Turn on the Bluetooth function on the phone

Step 4: Click the APP on the phone, click "Search the device", choose TR-Q6 in the "Select Device"

Step 5: Set or select the studio number "STUDIO 1"



Step 6: Click to enter the "STUDIO 1" main menu

Step 7: Click the "+" icon to add the GROUP

Step 8: Long press the group icon to delete the group



Step 9: Click the Group icon to set the flash

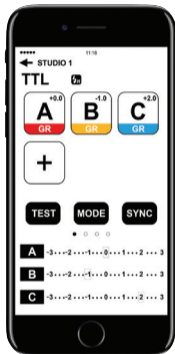
Step 10: Press the return icon "←" to return to the main menu

Step 11: Click the quickly setting area for power setting

Step 12: Press the icon to select M Manual/TTL Auto Mode

Step 13: Press the icon to select the front curtain sync/rear curtain sync/high speed sync function

Step 14: Slide the function icon to see the next function page



FREEZE

RATIO

SLEEP

Technical Parameters

| | |
|---------------------------------------|--|
| Model: | TR-Q6RTC Canon, TR-Q6N Nikon, TR-Q6S Sony, TR-Q6F Fujifilm |
| Wireless Frequency: | 2.4GHz |
| Maximum Sync Distance: | 984ft/300m (Optimal 328ft/100m) |
| CH Channel: | CH00-CH15 (In the effective working range, up to 16 flash sets can be set at the same time, without interference with each other.) |
| GR Group: | A/B/C (In the same CH channel, three GR groups can be independently controlled, the number of flashes in each group is not limited.) |
| Mode: | TTL Automatic Mode / M Manual Mode |
| Sync: | Front curtain sync / Rear curtain sync / High Speed sync |
| Standard Flash Top Sync Speed | Canon 1/250s /Nikon 1/320s /Sony 1/250s /Fujifilm 1/125s |
| High Speed Flash Sync Speed | Canon / Nikon / Sony / Fujifilm to 1/8000s |
| Bluetooth Effective Working Distance: | 33ft/10m |
| Wireless Remote Control: | Supports Apple/Android mobile phone App software control |
| Firmware Update: | Supports USB firmware update |
| Size: | 3.6 x 2.4 x 1.6 in / 92 x 60 x 40mm |
| Weight: | 3.5oz / 100g |

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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ORLIT



**ORLIT RT-600C TTL RT
Speedlite For Canon
ORLFSMRT600C**



**ORLIT ROVELIGHT RT
600AC/800AC TTL
ORLFL600RTB
ORLFL800RTB**



**ORLIT RoveLight RT
610 HSS TTL Monolight
ORLFL610RTB**



**AC Adapter Unit
for Rovelight RT 610
ORPPRT610AC**



**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**



More ORLIT Products



TTL Flash Extraordinaire with Rovelight RT

1. Rovelight RT 600AC
2. TR-611/612 Transceivers
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-Q6 RT Studio Flash Trigger





ORRRTRQ6C
ORRRTRQ6N
ORRRTRQ6S
ORRRTRQ6F

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