

Flash Trigger & Release  
**FLASH WAVE-III**  
**USER GUIDE**



# Key Features of FlashWave-III

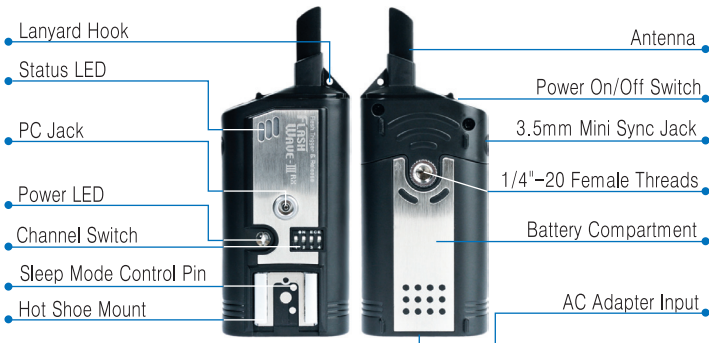
- Built in hot shoe on the receiver unit
- Sync Speed of up to 1/250 sec
- Ability to trigger flash up to 8 frames per second
- Maximum range of 180meters (approx. 600 feet)
- 2.4 GHz frequency operation to minimize radio interference
- Sixteen selectable channels
- Ability to function as a camera shutter release (with optional cables)
- Ability to operate in extreme temperatures (-20°C ~ 50°C)
- Multiple ports for connecting to portable flash or studio strobes (for DC model)

# Part Reference - Transmitter

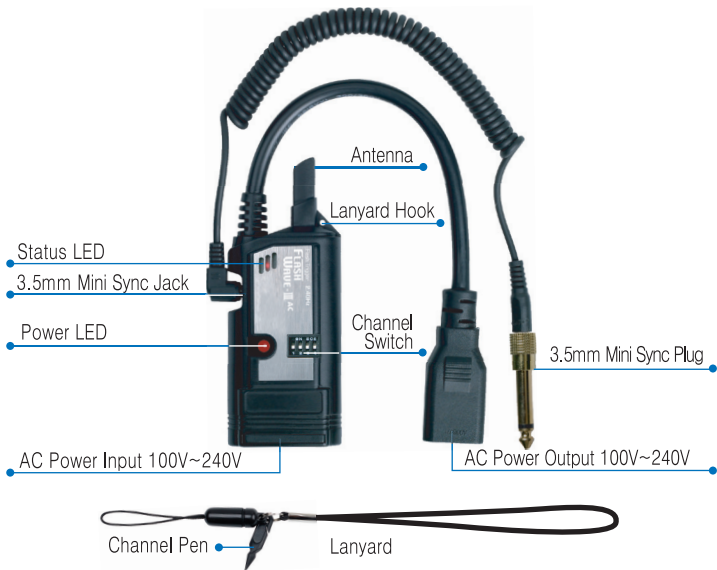


PC Male to 2.5mm Sub-Mini Phone Sync Cord – 20cm

# Part Reference - DC Receiver



# Part Reference - AC Receiver



# Transmitter - Set Up

Install a CR2450 3V Lithium coin cell into the transmitter

There are two ways to connect the transmitter to your camera.

1. Slide the transmitter in to the hot shoe of your camera so that the channel switch faces the photographer.
2. Use the included 2.5mm phone jack to connect the transmitter to your camera equipped with a PC jack.

Switch on the power of the transmitter.  
Transmitter has a test button to verify your set up.

**NOTE** – FlashWave-III system is not designed to perform TTL mode of flash units. Also this system is not able to operate properly when the camera is using Live View mode. Therefore it is necessary to set the camera to regular mode and flash unit to set to Manual Mode.



# DC Receiver - Set Up

1. Install two AA batteries into the receiver (observe the polarity of batteries as indicated).
2. Ensure your flash lights are turned off.
3. a – For portable flash unit, mount the portable flash directly on the receiver's hot shoe.  
b – For strobes, connect the receiver with an appropriate cable and adapter. (A cable with 3.5mm mono plug and 6.3mm plug adapter are included.)
4. Ensure the channel on the receiver matches that of the transmitter.
5. Rubber washers can help the receiver fit tightly on the mount head of the tripod.
6. Plastic hot shoe grip and screw are supplied to allow attaching the receiver to strobe if desired. The plastic hotshoe grip possesses an adhesive surface by which it can be attached in variety of places.
7. Turn on the flash and receiver unit.



# AC Receiver - Set Up

1. Unplug the AC power cord from the studio strobe and plug it into the bottom of the Flash Wave-III AC Receiver.
2. Insert the power cord of the receiver into the AC power socket of the strobe.
3. Connect the supplied 3.5mm sync cord to the receiver.
4. Insert the 3.5mm sync cord of the receiver into the sync socket of the strobe.

If your strobe uses 6.3mm sync socket to connect the receiver, connect the supplied 6.3mm sync adapter to the 3.5mm mono plug cord.

5. Once the Strobe power is turned on, the receiver will be turned on automatically. Power RED LED keeps blinking every two second. The Status LED on the receiver blinks RED to indicate synchronization.





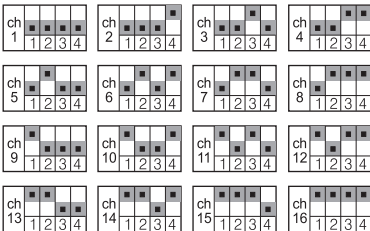
# Changing Channels

FlashWave-III has 16 channels. To operate, the transmitter and receiver must be on the same channel. To change the channel, follow these steps:

1. Turn off the transmitter and the receiver.
2. Battery cover of the transmitter has a minipin to help you adjust the channel switches.
3. Select the desired channel on the transmitter and the receiver
4. Turn on the transmitter and the receiver.



## \* Adjust to the same channel



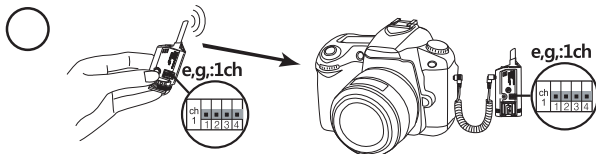
# Shutter Release Mode - Triggering Camera

FlashWave-III can be used to trigger a remote camera. Your camera must be equipped with an electronic shutter release input. An additional accessory cable (not included) is required. With the proper cable, follow these easy steps:

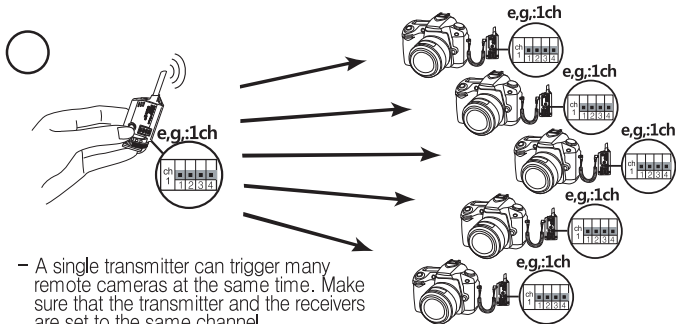
1. Locate the electronic shutter release input on your camera.
2. Connect FlashWave-III receiver to the camera's electronic shutter release input using the appropriate accessory cable.
3. Ensure the transmitter and the receiver are set to the same channel.
4. Power on both the transmitter and receiver.
5. Press TEST button on the transmitter unit to operate auto focus function and shutter function of the remote camera.
6. **Wireless Bulb Shooting** : Set up your camera on Bulb mode. Press test button on the transmitter fully until the Red LED light off on the transmitter. When you will see the Red LED from the receiver come on, it signals the shutter is open. To end the Bulb Shooting, press the test button shortly.



# hutter Release Mode - Correct Set Up

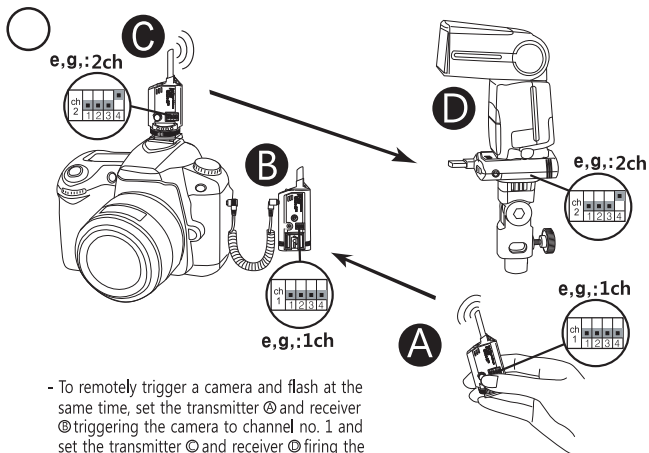


- Ensure both the transmitter and the receiver are set to the same channel. Press the test button on the transmitter to trigger the remote camera.



- A single transmitter can trigger many remote cameras at the same time. Make sure that the transmitter and the receivers are set to the same channel.

# Shutter Release Mode - Correct Set Up

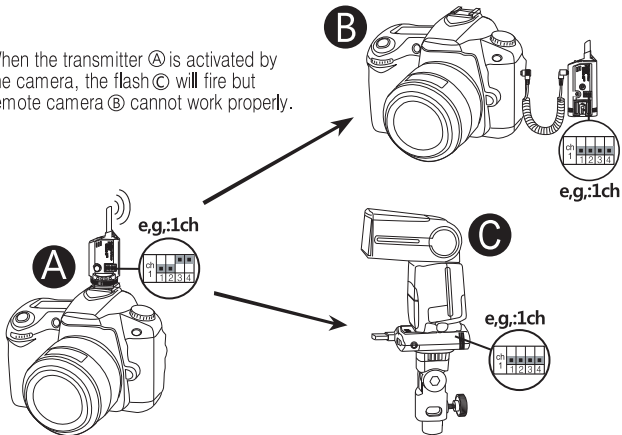


- To remotely trigger a camera and flash at the same time, set the transmitter **C** and receiver **A** triggering the camera to channel no. 1 and set the transmitter **C** and receiver **D** firing the flash to channel no. 2.

# Shutter Release Mode - Incorrect Set Up



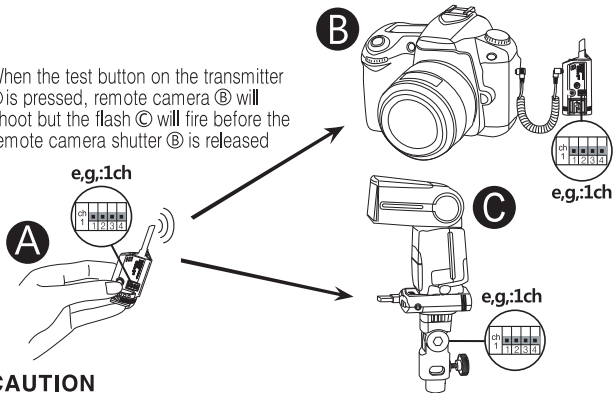
- When the transmitter (A) is activated by the camera, the flash (C) will fire but remote camera (B) cannot work properly.



# Shutter Release Mode - Incorrect Set Up



- When the test button on the transmitter **A** is pressed, remote camera **B** will shoot but the flash **C** will fire before the remote camera shutter **B** is released



## CAUTION

PLEASE NOTE: A single FlashWave III transmitter cannot trigger both the remote camera and flash/strobe units. To remotely trigger a camera and trigger flash to sync with the camera, two transmitter units operating on two different channels are required. Because cameras have shutter lag (delay inside a camera), when the receivers on the camera and flash are operating on the same channel, even if the signal from the single transmitter reaches the receivers at the same time, flash will normally fire before the shutter is released. Therefore, to remotely trigger a camera and flash, set the transmitter and receiver triggering the camera to channel X and set the transmitter and receiver triggering the flash to channel Y.

# Accessory Camera Release Cable

To use your FlashWave-III System as a shutter release (i.e., to trigger your camera shutter), you'll need an additional camera release cable compatible with your camera. Following release cables are available as separate accessories. (These cables extends to approximately 25cm.)

**RC611 - Canon** 7D, 1D Mark IV, 1Ds Mark III, 5D Mark II, 1Ds Mark II, 1Ds, 1D Mark III, 1D Mark II, 1D, 5D, 50D, 40D, 30D, 20D, 10D, D60, D30, EOS 3, EOS 1VHS, 1V

**RC605 - Canon** 550D, 500D, 1000D, 450D, 400D, 350D, 300D, EOS 30, 50, 500N, Kiss, 300, 88, 66, 55

**Pentax** K200D, K110D, K100D, K20D, K10D, S2, DL2, Ds, DL, \*istD

**Samsung** GX-20, GX-10, GX-1L, GX-1S

**Sigma** SD15, SD14, SD10, SD9

**Contax** N1, N Digital

**RC603 - Nikon** D700, D300, D300S, D200, D100 (battery grip required), D3, D3S, D3X, D2, D2Xs, D2X, D2Hs, D2H, D1H, D1, F6, F5, F100, F90X, F90

**Fuji** S5Pro, S3Pro

**Kodak** DCS Pro SLR/N

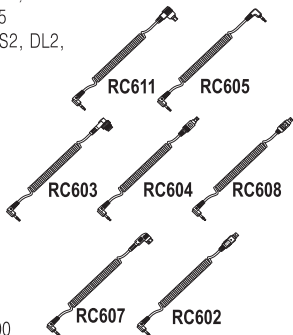
**RC604 - Nikon** D70s, D80

**RC608 - Nikon** D90

**RC607 - Sony** a900, a850, a700, a350, a300, a200, a100

**Minolta** 7D, 5D, 7i, 7, 5, A1, A2

**RC602 - Olympus** PEN E-PL1, E-P1, E-P2, E620, E520, E510, E450, E420, E30, E410, E400, SP-570UZ, SP-560UZ, SP-510UZ



# Trouble shooting

## **Receiver is on but On/Off LED does not blink**

- Insert fresh batteries in a right battery polarity.

## **Status LED on the receiver does not respond when transmitter "Test button" is pressed.**

- Make sure that both the transmitter and receiver are on the same channel.

## **Flash does not work, even though receiver is responding to signals from the Transmitter.**

- Check the flash unit is functional when removed from the receiver.
- Check all connections.
- Try interchanging between hot shoe and sync cable.

## **Status LED on the receiver blinks continuously even though "Test Button" is not pressed.**

- Disconnect the unit from camera or flash and reconnect them.
- Check that the transmitter and receiver are on the same channel.

## **Receiver does not perform the Bulb shooting even though the receiver is powered on.**

- Insert fresh batteries on the receiver in a right battery polarity.

## **Working extended range**

- Sync speed and working distance are affected by radio interference and obstructions. Avoid having a large hill, concrete, metal or water obstructions between the transmitter and receiver.  
Move the transmitter and receiver at least one meter away from the ground.  
Often moving the transmitter and receiver a few meters will improve the situation.



# Specifications

	Transmitter	DC Receiver	AC Receiver
Frequency	2.427 GHz ~2.457 GHz		
Number of channels	16		
Max range	Up to 180 meters or 600 feet		
Max sync speed	1/250 sec		
Triggering Voltage	3 volts (DC)		
Max flash voltage handling by the receiver		Up to 300 volts (DC)	Up to 300 volts (DC)
Sync ports	2.5mm sub-mini jack	Female 3.5mm sync jack Female hot shoe mount Female PC sync jack AC adapter input	IEC cord-25mm Female IEC AC power input 3.5mm sync jack-coiled cord
Battery life (approx.)	1×CR2450(3V)/one year, up to 20,000 triggers	2×AA 1.5V /150 hours on-time	AC 100V-240V 50-60HZ
Dimensions	31mm×26mm×80mm	43mm×25mm×110mm	43mm×25mm×110mm
Weight	20g	60g	80g

# FCC Compliance & CE Statements

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to part 15 of the FCC Rules. These limits are designated to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radio frequency energy, and, if not installed and used in accordance with instructions, may cause harmful interference to radio communications.

There is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment ON or OFF, the user is encouraged to try to correct the interference by one or more of the following measures.

1. Reorient or relocate the receiving antenna.
2. Increase the distance between the equipment and the receiver.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation

Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

**FC** ID WU2SMRS0911

CE Statements



This device has been tested and found to comply with the requirements set up in the council directive on the approximation of the law of member states relating to R&TTE Directive 1999/5/EC