

5-Function Wireless TTL Remote for Canon Cameras

Marketed exclusively by Dot Line Corp, Chatsworth, CA 91311
www.dotlinecorp.com

In the Box

- 1 RPS Studio RT10/C Transmitter
- 1 RPS Studio RT10/C Receiver
- 1 RPS Studio Camera Connecting Cord, single pin style for Canon
- 1 RPS Studio Camera Connecting Cord, 3-pin style for Canon
- 1 RPS Studio PC Sync Cord
- 1 RPS Studio Adapter Plug, 3.5mm to 6.3mm
- 1 RPS Studio Stand with Standard Accessory Shoe
- 1 Instruction Manual

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Description

The RT10/C is a professional wireless remote which can control different groups of speedlight(s) and achieve TTL communication between the TTL speedlight(s) and the camera, at the same time synchronizing the off camera flash(es) with the camera. The RT10/C features 2.4 GHz wireless frequency, which guarantees speed, distance and stability up to 300 feet in an open area. This wireless remote supports the following functions:

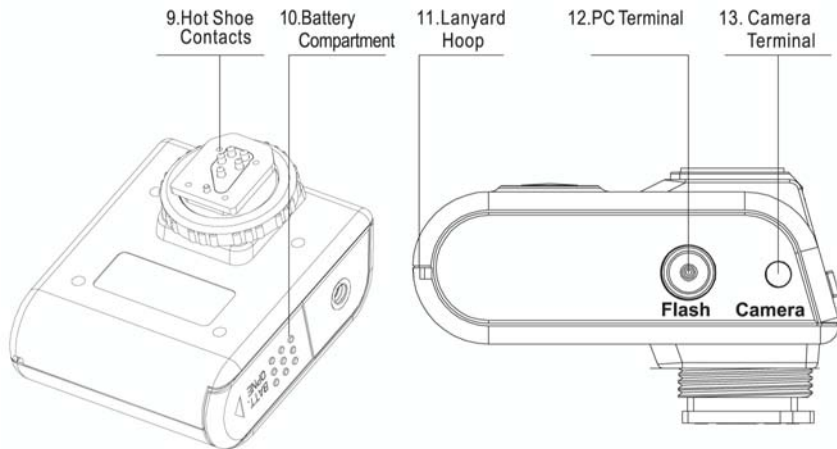
- Camera wireless shutter release function
- Flash mode e-TTL II, Manual and Multi flash
- Front and rear curtain sync, High speed sync up to 1/8000th second
- Camera menu flash parameters
- Exposure compensation, bracketing and exposure lock
- Real time viewing through the LCD display

Compatible with Canon EOS speedlights and similar

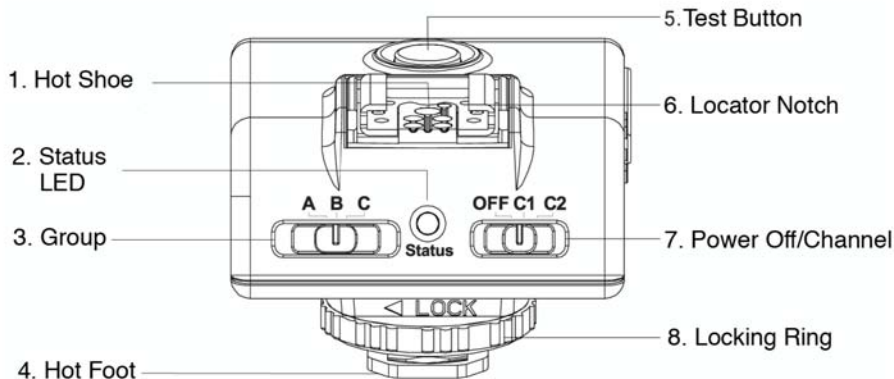
Precautions

- Turn off the power and remove the batteries when the unit is not to be used for an extended period of time.
- Avoid high temperature areas such as the inside of a car on a warm or hot day
- Store unit in a cool, dry place.
- Do not touch with wet hands.
- Don't expose to rain, etc.
- Do not use in a flammable situation
- Dispose of batteries according to local and federal regulations
- Do not attach a flash unit that has a triggering voltage of 6V or greater. Only use the newer generation of flash units that are rated at less than 6V. High voltage triggering flashes will damage the RT10/C and void the warranty.

Nomenclature



Nomenclature



Compatibility

The camera and flash combination determine the possible functions.

There are 3 camera types:

A Type Cameras: support the control of the external flash menu function

B Type Cameras: do not support control of the external flash function menu

C Type Cameras: Standard hot shoe cameras that are not Canon

A Type Cameras

Canon EOS 5D Mk II, 5D Mk III, 1Ds Mk III, 1D Mk IV/1D, 7D, 6D, 60D, 50D, 40D, T5i, T4i, T3i, T3, T2i, T1i, XSi, XS

B Type Cameras

Canon EOS 5D, 10D, 20D, 30D, Rebel, XT, 1D, 1D Mk II

This manual assumes that you are using an A Type camera with compatible E-TTL II speedlight

Let's Start

Open the battery cover and insert two fresh alkaline “AA” batteries according to the + and - indications on the battery door. Always replace both batteries at the same time with unused batteries of the same brand. Close the door by fully sliding it back into place.

With the unit turned off, place the unit marked transmitter on the camera's hot shoe by rotating the locking ring to the right and sliding the transmitter on to the shoe. Secure the transmitter with the locking ring by rotating it to the left.

Note: If a speedlight is mounted to the hot shoe of the transmitter which is attached to the hot shoe of a compatible camera, the transmitter is able to control it's functions in the same manner it will control the speedlights that are attached to the receiver.

Operational Set Up

OFF C1 C2



The transmitter and receiver must be set to the same channel.

A B C



The proper group must be selected for the camera being used (please see the compatibility previously listed in this manual). The same group must be set on both the transmitter and the receiver.

Note: If 2 photographers are working in the same area and they do not wish to trigger the other's flashes, set one photographer's transmitter and receiver to C1 and the other photographer's transmitter and receiver to C2.

Channel Test

1. Be sure the channel switch for both the transmitter and receiver of the RT10/C is set to the same channel, C1 or C2. When changing the channel switch from off to a channel, the red status light will come on indicating power coming from the batteries. This light will go out shortly. The light will start to flash at approximately 1 second intervals indicating that the transmitter and or receiver are on.
2. Press the test button of the transmitter. If the red status light comes on both the transmitter and the receiver, the channels on the transmitter and receiver are set correctly. The status light will stay on as long as you hold down the test button. (Note: pressing the receiver's test button will only illuminate the receiver's status light, not the transmitter's.)

Attaching a Flash Unit

Speedlights

Attach the speedlight to the hot shoe of the unit marked Receiver. Be sure to set the locking mechanism of the speedlight.

Monolights

Using the included lanyard, secure the Receiver to the monolight or stand.

Using the included locking PC Cord to 3.5 mini jack, push the locking PC into the Receiver port marked “Flash” and rotate the lock till it stops . Then attach the 3.5 mini jack to the monolight. If the monolight has a 1/4” connector, use the included 3.5 mini to 1/4” adapter.

Function: Remote Flash Release

Attach the Transmitter to the hot shoe of the camera. Attach the Receiver to the flash unit as described above. Set both units as described under Operational Set Up. When the units are powered up, press the shutter release of the camera all the way. The flash will fire synchronized with the camera.

Function: Remote Control Mode

1. Using the camera menu, and according the camera manufacturer's instructions, input the settings for the external flash(es) as desired (Menu/Flash Control/External Flash Function Setting).
2. Once the settings have been made in the camera, press either the Test Button on the Transmitter or the camera's shutter release button half way to transmit the setting to the remote flash. The flash's display will now indicate the settings made in the camera. (Note: the camera must be a Type A camera and the exposure must be set to one of the following modes: P, AV/TV or M.)

Function: Automatic Flash (E-TTL II)

Fully Automatic Flash Shooting

Using the camera menu's External Flash Function Setting

1. Select: Flash mode...E-TTL II
2. Half press the camera's shutter button to focus. On the flash LCD screen the aperture and effective range, etc. parameters will be displayed.
3. Ensure that the subject is in the effective flash range, fully depress the camera's shutter button to release the shutter and the flash will fire according to the settings.

Function: FEB/FEC (eTTL II only)

Flash Exposure Bracketing (FEB)

Supports $\frac{1}{3}$ -stop increments. Set the camera's External flash function menu to FEB according to the camera maker's instructions.

Flash Exposure Compensation (FEC)

Supports $\frac{1}{3}$ -stop increments to set the FEC within ± 3 . The FEC button of the camera can also be used. Set the camera's External flash function menu to FEC.

Note: The setting value will be shown on the screen of the flash when the shutter of the camera is depressed half way. Until the FED and FEC of the flash are set to 0, the settings can be changed by remote control on the camera menu, and be set for the flash via its control panel. Compensation value will be superposed according to the flash setting plus the camera menu setting. E.g. if the camera menu is set to -3 and the flash is set to +3, the exposure compensation will be 0.

Function: Shutter Curtain Sync

1st Curtain Sync (normal flash sync)

Flash fires when the shutter first opens. This is the default setting of most cameras and no adjustments are necessary.

2nd Curtain Sync

Flash fires just before the shutter closes. This requires a slower shutter speed.

Adjust the camera's setting in External Flash Function mode to "2nd curtain".

High Speed Sync (HSS/FP Flash)

A flash that supports Hi-speed sync can sync at all shutter speeds when the maximum shutter speed is (depending on the camera) 1/4000th or 1/8000th second is set in the camera.

Adjust the camera's setting in External Flash Function mode to "Hi-speed".

Function: Manual/Multi-flash

Manual Flash

Manually set the flash output (1/128~1/1 power in $\frac{1}{3}$ increments). Set the camera's menu External flash function to "Manual flash" according to the camera manufacturer's instructions for manual flash.

Multi Flash

Set the camera's menu External flash function to "Flash mode" to "Multi Flash" according to the camera and flash manufacture's instructions.

Specifications

System type:	2.4 GHz wireless remote control system
Distance:	< 300 feet
Flash mode:	E-TTL II, Manual, Multi-flash
Sync mode:	1 st Curtain, 2 nd Curtain, Hi-speed sync
Maximum sync speed:	1/8000 th second
Group control:	3 Groups; A, B, C
Compatible flash:	Speedlight, Monolight
Channels:	2
Shutter interface:	2.5mm plug
Monolight interface:	PC connection
Battery:	2, "AA" alkaline, each unit
Standby time:	60 hours
Size:	2.76" x 2.36" x 1.77" (each unit)
Weight:	2.47 oz. (without batteries, each unit)

Optional Accessories



Additional Receiver

Comes with PC Sync cord

Ask for product number RS-RT10/CR



Camera Connecting Cords

Single Pin style, ask for product number RS-RMC/EOS



3-pin style, ask for product number RS-RMC/C3



Studio Flash Connection Cord

Receiver to 3.5mm mini jack

Ask for product number RS-8517



Studio Flash Sync Adapter

3.5mm mni jack to 6.3mm (mono) jack

Ask for product number RS-8610