



C1 (Commander) Flash Trigger Operation instruction

Fit for Canon



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2.4G SYSTEM

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Safety instructions

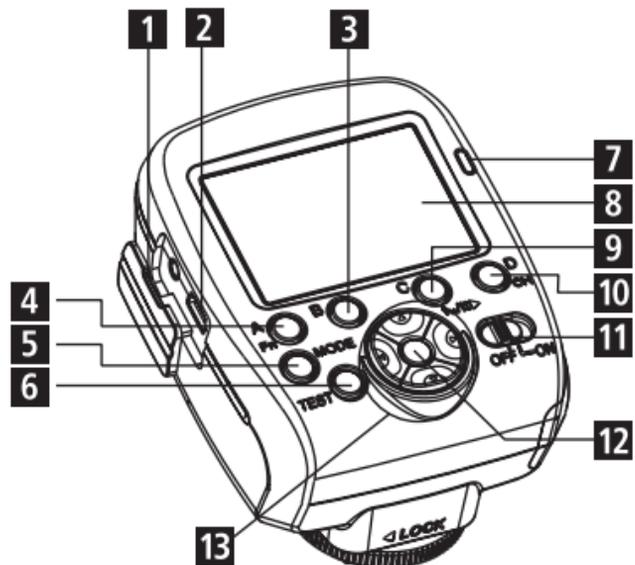
Please read this manual carefully before use.

1. Please turn off all devices while you connecting them to each other.
2. Please prevent dropping hand shaking intensively of the device, it might cause damage to the device.
3. Please turn off transmitter and receiver's power, remove the battery when you don't in use or storing.
4. Please load the battery properly. Reversed battery might cause battery leaking or explosion
5. Do not put it in a high temperature environment, such as near the car, direct sunlight, dashboard and other high temperature environment.
6. Please keep it dry. Do not use wet hands to touch products. Products may not be immersed in water or rain, or may cause damage or broken.
7. Do not use it in flammable and explosive situations, it might cause explosion or fire.
8. The product involves batteries. Regarding the use of batteries, please follow strict relevant regulations, otherwise it will cause property damage or personal injury.

Function List

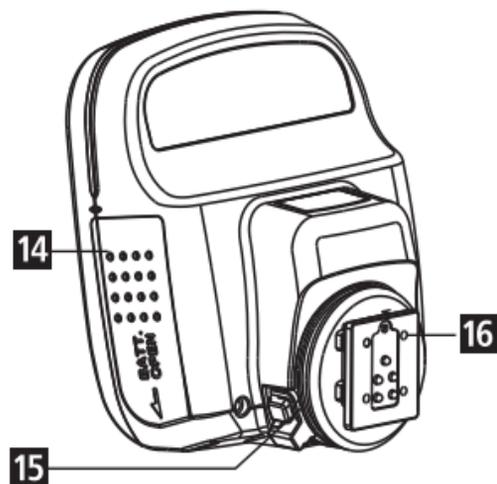
1. Available flash mode: E-TTL, E-TTL(II) , M, Multi.
2. Available for Front curtain sync/back curtain sync/ high-speed sync, highest sync speed 1/8000s.
3. Exposure compensation available. (FEC)
4. Surround expose available. (FEB) 5.Exposure Lock available.(FE LOCK)
6. Available for focusing assist lamp.(can be disabled)
7. Available for mixed flash mode, such TTL, M.
8. Available for setting auto save function.
9. Available for 4 groups with the different power output for each flash.
- 10.Can be controlled by multiple receivers.
- 11.Available for M, Multi grouping setting.
(Canon series A camera wireless flash)

Components



- | | |
|---|-------------------------|
| 1 Rubber cap | 5 Mode |
| 2 Micro USB | 6 Test |
| 3 Group B | 7 Indicate light |
| 4 Group A/ Custom function setting | 8 LCD Screen |

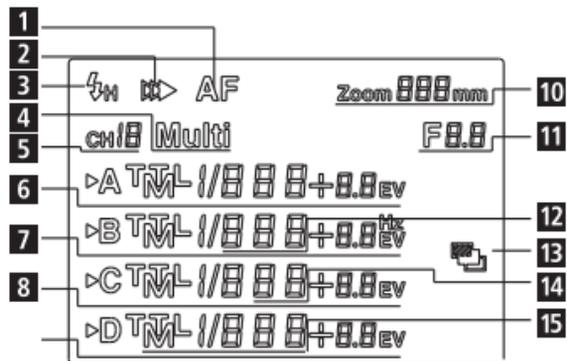
Components



- | | |
|---|--|
| 9 Group C/ Sync mode button | 13 Setting (up/down/
left/right) |
| 10 Group D/Channel setting | 14 Battery door |
| 11 Power switch: ON/OFF | 15 Twist lock |
| 12 Setting/restore factory setting | 16 Mounting holder |

Components

LCD Screen



- | | |
|------------------------------------|--|
| 1 Automatic focusing assist | 9 Flash setting for D |
| 2 Back curtain sync | 10 Focal Distance |
| 3 High-speed sync | 11 Aperture |
| 4 Manual/strobe flash mode | 12 Strobe flash |
| 5 Wireless channel | 13 FEB logo |
| 6 Flash setting for A | 14 Times |
| 7 Flash setting for B | 15 Master control camera series |
| 8 Flash setting for C | |

Component instruction

Power Switch:

- Slide to **【ON】** to power on.
- Slide to **【OFF】** to power off



Component instruction

Hot Shoe contacts: Use it to connect with camera, compatible with Canon.

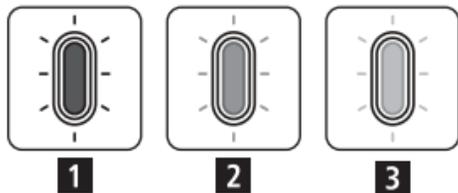
Mode: Transmitter mode option

Test: Send flash signal for groups

A:B:C:D Enter/exit flash setting for groups

Indicate light: Power wireless communication or command indicate

Indicate light status



Standby - red light flashing

Camera connected - Green light flashing

Test - Both green light & red light always on

Micro USB: System update

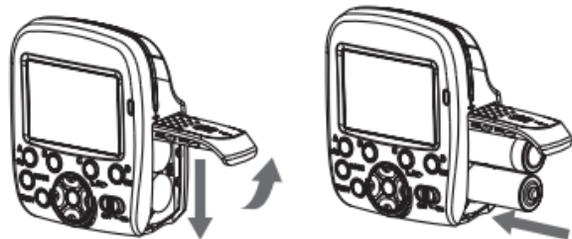
Battery bin: 2 AA batteries

Preparation before use

Battery loading

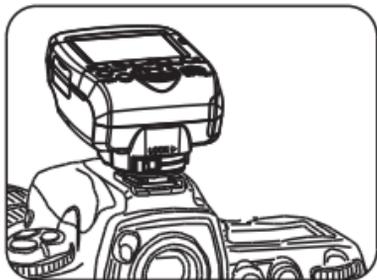
Open the battery hatch. Install two AA batteries according to the positive and negative directions of the battery, when installation completed, close the battery hatch.

- Please remove the batteries before long term storage.
- When replacing batteries, please replace the two sections together.



Preparation before use

Install the trigger on the hot shoe contact from top of camera.



1. Unlock the twist lock by sliding to the left.
2. Insert holder completely into camera hot shoe, and push it all the way in contacts.
3. Slide the twist lock to the right to lock it, and make sure it sits securely on the hot shoe.

Functions description

Power on

Load batteries correctly, push the switch to [ON] to turn on the trigger, then LCD screen & 2 color lights are on simultaneously, system check and complete initialization, enter standby mode, red indicator flashing.

Mode options

Turn on the trigger, press [Mode], now trigger enter into mode options, after turning on the transmitter, you can cycle through Canon Mix mode, Canon Master Mix mode and Canon Master Multi mode.

Test

Press [TEST], trigger send group modes and settings info to flash lights which in the same channel and flash once to test the transmission.

LCD

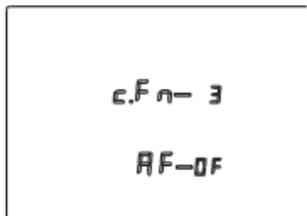
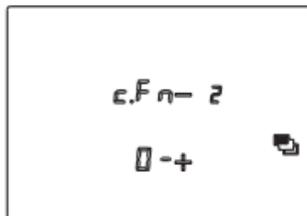
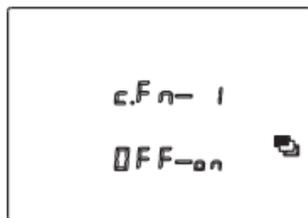
Press any button to light LCD, after 10 seconds no operate, LCD light turns off.

Restore Factory settings

Press [ok] for 3 seconds, the trigger will restore to factory settings.

Custom function/FN

Press [FN] for 2 seconds, system will change between customized settings and flash modes, enter custom mode, press [↑] / [↓] to select options, press [←] / [→] to set option number.



Wireless channel setting

Custom function serial number	Functions	Status setting	Instruction
c.Fn-1	Flash surrounding exposure automatically cancel	0n	Enable
c.Fn-2	Flash surround exposure order	0-+ -0+	Disable 0-+ -0+
c.Fn-3	Automatic focusing assist	0n	
		0F	

PS: The option of Fn number 1-3 can be set by Canon's online status by accessing the "External flash's custom function settings" in the camera menu.

Sync mode setting

In universal mixed mode, press

【 C 】 button for 2 seconds,
the sync mode will change
from “high-speed sync ⚡_H ”,
“back curtain sync ▶▶ ”,
“front curtain sync(no pic)”.

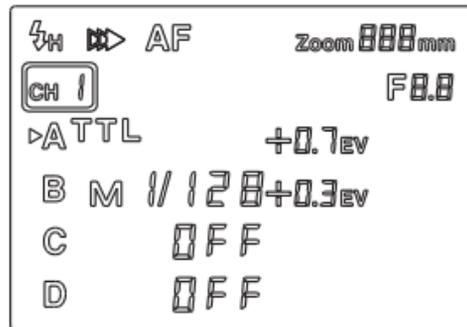
In Canon master mixed mode,
press switch button for 2
seconds, the sync mode will
change from “high-speed
sync ⚡_H ” and “front curtain sync(no pic)”. Achieve
different flash effects.



Wireless channel setting

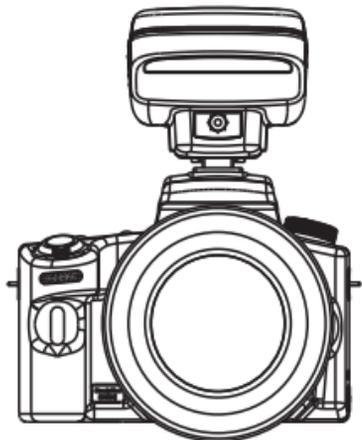
wireless channel light flickers
and enters wireless channel
setting, press **【 ← 】 / 【 → 】**

to set channel from 1 to 16.



Assisted focusing light

If you enabled “automatic focusing” on transmitter, When the light is not enough to focus automatically, it will enable the assist focusing light in trigger to help to make focusing easier.



To use focusing light correctly, you need to set a camera in automatic mode, turn on the camera lens' autofocus function. Turn on “AF” transmitter and customize (C.Fn3) function.

Hot Shoe

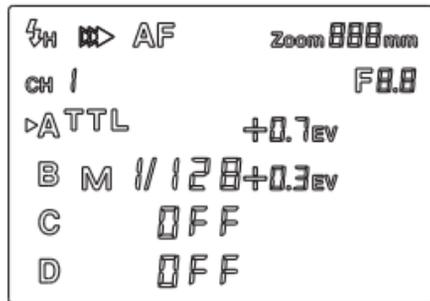
Connecting trigger with Canon Cameras, Press the shutter lightly, trigger will identifies the camera automatically, and send the trigger setting status to flash to I-TTL offline flash, the highest sync speed is 1/8000s.

Connecting trigger with other cameras (besides Canon), available for sync trigger, The highest sync speed is 1/250s or lower.

3 MODE

- A : Canon mixed mode
- B : Canon master control mixed mode
- C : Canon master control Multi mode

A: Canon mixed mode



1. Grouping mode and parameter setting

- ① Press [MODE] button to select transmitter mode as Universal Mixed mode (as pic showed)

Canon mixed mode

- ② Press [A] / [B] / [C] / [D] for a few seconds to select or exit flash group setting, The arrow refers to the group you're setting.
- ③ After selected a group, press [MODE] button to set the flash mode of the group, every modes, settings are as below:

TTL:

Compatible with E-TTLII, Exposure compensation adjustment available from -3.0EV to +3.0EV, total 22 levels; press [↑] or [↓] button to change Focal distance for different groups.

M:

Flash output range 1/128~1/1, press [←] / [→] to increase/decrease 0.3EV, 22 levels available. Press [↑] / [↓] to change group focal distance number.

OFF:

Does not engage flash.

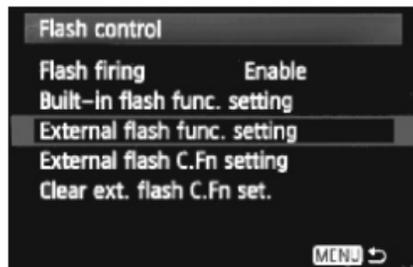
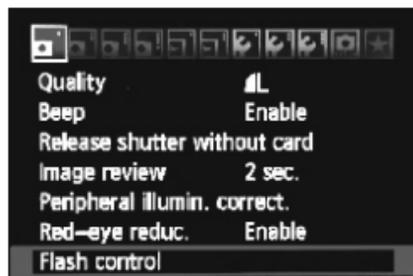
Canon mixed mode

- ④ After you finished the flash setting for the groups, press A/B/C/D button again to exit setting and sent the flash info to the others flash light which in the different groups but the same Channel.
- In this mode, it's available for each flash group to engage expose via different flash mode and power. Flash groups which are set in TTL mode can accomplish E-TTLII flash while connecting Canon cameras.
 - Connect series A cameras in this mode, you can't set manual mode while the wireless mode is off, TTL or M mode only can be set by transmitter setting.
 - When you need to synchronize the back curtain, please select this mode.

Canon mixed mode

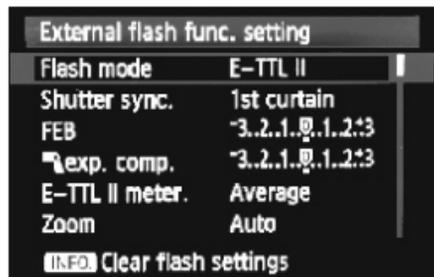
2. Only available for series A cameras, cameras exposure mode need to be P/AV/TV/M.

- ① Press [Menu] to select flash control-external flash function setting.



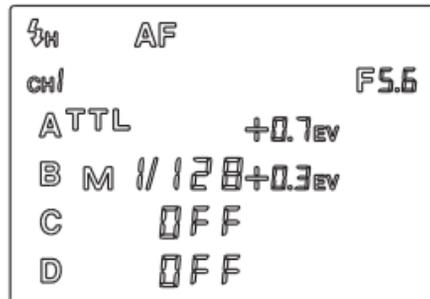
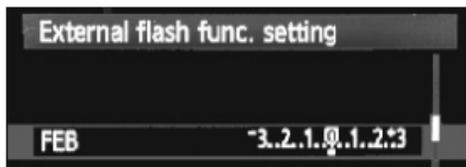
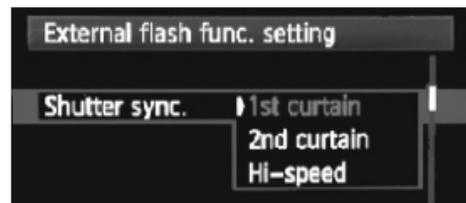
Canon mixed mode

- ② In this mode, Camera shows info as picture.



- ③ Via internal menu setting, the user can set the sync speed level for shutter and exit group setting in FEB exposure mixed mode, or press [Test] or the transmitter passes the settings to each group of flash lights on the same channel while the flashes are online, after the flash displays the received modes and parameters, it executes the appropriate operation.

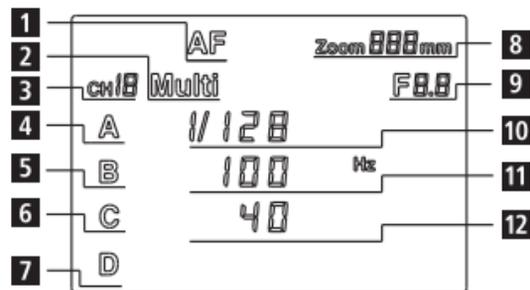
Canon mixed mode



Canon master control Multi mode

Setting for groups

- 1 Press [MODE] to select transmitter mode as Canon master control Multi mode (as pic showed)



- | | |
|-----------------------------|------------------------------|
| 1 Automatic focusing assis | 7 Group D Switch |
| 2 Master Control Multi mode | 8 Focal distance |
| 3 Wireless Channels | 9 Aperture |
| 4 Group A Switch | 10 Strobe flash output power |
| 5 Group B Switch | 11 Strobe flash frequency |
| 6 Group C Switch | 12 Strobe flash times |

Canon master control Multi mode

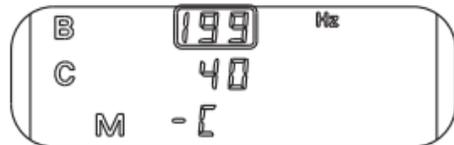
- 2 In the non-set state, press [←] / [→] to set power output for Group A, Press [A] / [B] / [C] / [D] for a few seconds to select or exit flash group setting. After selected a group, press [MODE] button to set the flash mode of the group, every mode.

Press [A] / [B] / [C] / [D] for a few seconds to select or exit flash group setting, The arrow refers to the group you're setting.

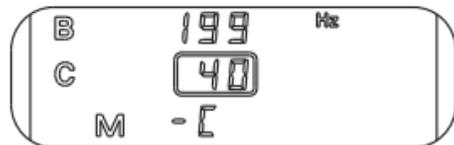
After selected a group, press [MODE] button to set the flash mode of the group, every modes, settings are as below:

Canon master control Multi mode

- ③ Press [OK] button, when Frequency flickered, press [←]/[→] button to set flash frequency from 1-199Hz.



- ④ Strobe flash
Press [OK] button, when times flickered, press [←]/[→] to set flash times, the maximum flash times are influenced by Group A Power.



Group A Flash power & Flash frequency connection table

Flash power	1/128	1/64	1/32	1/16	1/8	1/4
Flash times	1-40	1-20	1-12	1-8	1-4	1-2

Compatible Devices

1. 3 series Canon Camera, based on different functions.

- I. Available for Camera-Menu-controlled external flashlight Canon Types (Abbreviated Series A): 450D、500D、550D、600D、650D、700D、1100D、1000D、40D、1DMarkIII、1D arkIV、1DsMarkIII5D、7D、60D、50D、5D MarkII、MarkIII
- II. Available for ONLY Camera-Menu-controlled Flash Light Parameters & modes; NOT Available for Camera Menu-controlled external flashlight Canon Types (Abbreviated Series B):10D、20D、30D、300D、350D、1D、1DMarkII、5D
- III. Available for other brands Cameras with standard Hot Shoe (Abbreviated Series C)

Specification List

System mode: Digital FSK 2.4G HZ Wireless Trigger

Communication Distance: 50 meter

Wireless Channel: 16

Flash mode: E-TTL, M, Multi.

Synchronous mode: Front synchronize,
Back synchronize, High Speed synchronize.

Group control:A\B\C\D 4 groups (Each group can be set separately, flash ratio also can be set.

Function: Available for FEB, FE lock and FP

Synchronous speed: 1/8000s

Compatible Flashlight: Studio flashlight, Photo flash, G Series.

Focusing light: Assist focusing light

Input: Available for Hot Shoe

(TTL Triggered or single contact triggered) Suitable

Battery: 2 AA Battery (rechargeable battery accepted)

Standby time: 60 hours

(AA 1.2v 2400mh rechargeable batteries)