

SPEEDLITE 430EX III 430EX III-RT



VERSATILE & HIGH POWERED ALL ROUND FLASH UNITS FOR ENTHUSIAST PHOTOGRAPHERS

Take your creative photography to the next level and achieve greater control over lighting with the Speedlite 430EX III and Speedlite 430EX III-RT flash units.

Beautiful Portraits

Flash is used not only for brightening a subject, but also to deliver greater control over lighting in your images. The 430EX III and 430EX III-RT external flash units make light control more manageable and versatile



Bounce Shooting Function

The heads of the Speedlite 430EX III and 430EX III-RT are able to turn freely up to 90° up, 150° to the left, and 180° to the right enabling the flash to fire in almost any direction. Referred to as bounce shooting, firing the flash towards ceilings or walls delivers softer and more natural lighting

Built-in Catch Light Panel

Both the Speedlite 430EX III and 430EX III-RT feature a built in catch light panel which delivers light that reflects in the a subjects eyes and adds life to portrait images



Radio Transmitter (430EX III-RT MODEL ONLY)

430EX III-RT supports not only optical but also radio transmission for off-camera wireless flash shooting. The radio system gives users greater flexibility, thanks to the slave unit's superior freedom of placement, controllability and functional range. (430EX III supports only optical transmission.)

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SPEEDLITE 430EX III-RT SPEEDLITE 430EX III

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ENTHUSIAST PHOTOGRAPHERS

COMPARISON OF BOUNCE FLASH VS OTHER TECHNIQUES:



SHOT USING BUILT-IN FLASH

Dark shadow
emerges from
background



SHOT AT ISO6400 WITHOUT FLASH

The subject is not
bright enough

SHOT WITH FLASH FIRED TOWARD CEILING

Light from the flash is distributed
throughout the whole frame which makes
the photo look naturally bright



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430EX III-RT

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430EX III

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ADVANTAGES OF SPEEDLITE 430EX III-RT VS 430EX III

Radio & Optical
Wireless Transmission

Features		Radio Transmission	Optical Transmission
Transmission Range		Approx 30m	Approx 15m
Firing Group Control		Max. 5 groups (A, B, C, D, E)	Max. 3 groups (A, B, C)
Slave Flash Control		Max. 15 units	Infinite
Transmission Channel		Auto Ch. 1 - 15	Ch. 1 - 4
Radio Transmission ID		0000 - 9999	-
Slave Flash Control	Test Flash	Yes	-
	Modeling Flash	Yes	-
	Shutter Release	Yes	-

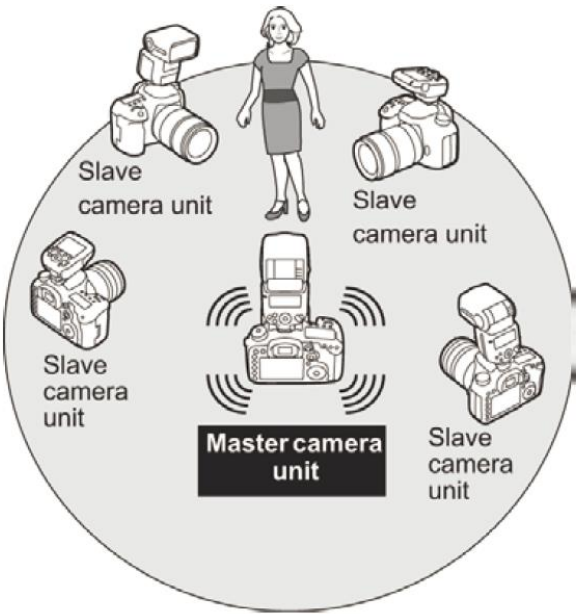
Wireless flash shooting via radio transmission is less affected by physical obstacles than optical transmission.

In addition to this, the slave unit wireless receptor does not need to face in the direction of its master unit.

Differences between systems' functions shown above

NB: Speedlite 430EX III features Optical transmission only

Multi-Camera Sync Shooting



Among cameras with a 430EX III-RT attached, it is possible to simultaneously release the shutters of slave and master cameras with their sync function.

This makes it convenient to use multiple cameras to shoot a subject at the same moment from different angles.

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TECHNICAL SPECIFICATIONS

SPEEDLITE

430EX III-RT

SPEEDLITE

430EX III

TYPE	
Type	E-TTL II/E-TTL autoflash Shoe-mount Speedlite
Compatible cameras	Type-A EOS cameras (E-TTL II/E-TTL autoflash) *Autoflash is not possible when using Type-B EOS cameras.
FLASH HEAD	
Guide No	Approx. 43/141.1 (at 105 mm flash coverage, ISO 100, in meters/feet) * Without color filter or bounce adapter
Flash Coverage	Supports a shooting angle of view with a lens focal length of 24-105 mm (with wide panel use: 14 mm) • Automatic setting (Automatically sets the flash coverage depending on the shooting angle of view and the image sensor size.) • Manual setting
Bounce	90° up, 150° left, 180° right Bounce adapter provided can be used
Flash duration	Normal flash: Approx. 1.8 ms or less, Quick flash: 2.3 ms or less
Color temperature information transmission	Yes (lens shift-type), approx. 3.5-stop [13]. Intelligent IS with 5-axis Advanced Dynamic IS
Color filter	Color filter provided can be used
EXPOSURE CONTROL	
Exposure control system	E-TTL II/E-TTL autoflash, manual flash
Effective flash range (with EF50mm f/1.4 lens at ISO 100)	Normal flash: Approx. 0.7 - 23.6 m / 2.3 - 77.4 ft. Quick flash: Approx. 0.7 - 13.6 m / 2.3 - 44.6 ft. (at Guide No. 19.1/62.7, in meters/feet) High-speed sync: Approx. 0.7 - 12.8 m / 2.3 - 42.0 ft. (at 1/250 sec.)
Flash exposure compensation	±3 stops in 1/3- or 1/2-stop increments
FE lock	Possible with the camera's Multi-function button or FE lock/AE lock buttons
High-speed sync	Possible * During radio transmission wireless shooting, high-speed sync is possible only with EOS DIGITAL cameras released in and after 2012 (except with EOS 1200D)
Manual flash	1/1 - 1/128 power (1/3-step increments)
Modeling flash	Fired with camera's depth-of-field preview button or Speedlite's test flash button
FLASH RECYCLING	
Firing interval (Recycling time)	Normal flash: Approx. 0.1 - 3.5 sec., Quick flash: Approx. 0.1 - 2.5 sec. * When using AA/LR6 alkaline batteries
Flash-ready lamp	Lights up in red: normal flash available Lights up in green: Quick flash available
AF-ASSIST BEAM	
Emission method	Switchable in Personal Functions between Intermittent flashes (a series of small flashes) and Infrared AF-assist beam
Emitting small series of flashes	Supported during viewfinder shooting, and Quick mode during Live View shooting or movie shooting Effective distance: At center: Approx. 0.7 - 4 m / 2.3 - 13.1 ft., At periphery: Approx. 0.7 - 3.5 m / 2.3 - 11.5 ft.
Infrared AF-assist beam	Center AF point in viewfinder supported Effective distance: Approx. 0.7 - 8 m / 2.3 - 26.2 ft.
OPTICAL TRANSMISSION WIRELESS SLAVE FUNCTION	
Connection method	Optical pulse
Wireless settings	Slave
Channel	Ch. 1 - 4
Slave unit setting	Firing group A, B, C
Reception angle	±40° horizontally and ±30° vertically, facing the master unit
Slave flash charge indication	AF-assist beam emitter blinks and flash-ready lamp lights up on the slave unit

CUSTOMIZABLE FUNCTIONS	
Custom Functions	10 types
Personal Functions	430EX III-RT: 8 types / 430EX III: 6 types
RADIO TRANSMISSION WIRELESS MASTER/SLAVE FUNCTION (430EX III-RT ONLY)	
Frequency	2405 MHz - 2475 MHz
Modulation system	Primary modulation: OQPSK, Secondary modulation: DS-SS
Wireless settings	Master/slave
Channel	Auto, Ch. 1 - 15
Wireless radio ID	0000 - 9999
Slave unit control	Up to 5 groups (A, B, C, D, E), up to 15 units
Slave unit setting	Firing group A, B, C, D, E
Transmission distance	Approx. 30 m / 98.4 ft. * When there are no obstacles or obstructions between the master and slave units with no radio interference with other devices * Transmission distance may be shorter depending on the relative positions of the units, surrounding environment, weather conditions, etc.
Flash ratio control	1:8 - 1:1 - 8:1, 1/2-step increments
Slave flash charge confirmation	Flash ready icon lights up on the master unit's LCD panel, AF-assist beam emitter blinks and flash-ready lamp lights up on the slave unit
Linked shooting	Possible
POWER SOURCE	
Speedlite power source	Four AA/LR6 alkaline batteries * AA/HR6 Ni-MH batteries can be used
Battery life (number of flashes)	Approx. 180 - 1200 times * When using AA/LR6 alkaline batteries
Radio transmission wireless shooting time	Approx. 9 continuous hours * When Master flash firing OFF, using AA/LR6 alkaline batteries
Auto power off	Power off after approx. 90 sec. of idle operation * When set as radio transmission wireless master unit, or in linked shooting: approx. 5 min. * When set as slave unit: approx. 60 min.
DIMENSIONS AND WEIGHT	
Dimensions (W x H x D)	Approx. 70.5 x 113.8 x 98.2 mm / 2.78 x 4.48 x 3.87 in.
Weight	430EX III-RT: Approx. 295 g / 10.41 oz., 430EX III: Approx. 290 g / 10.23 oz. (Speedlite only, excluding batteries)
OPERATING ENVIRONMENT	
Working temperature range	0 ° C - 45 ° C / 32 ° F - 113 ° F
Working humidity	85 % or less

All specifications above are based on Canon's testing standards.
Product specifications and the exterior are subject to change without notice.

For more information visit
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