

Canon

SPEEDLITE
430EX II



English

Français

Español

INSTRUCTION MANUAL
MODE D'EMPLOI
MANUAL DE INSTRUCCIONES

Canon

SPEEDLITE
430EX II

English

Thank you for purchasing a Canon product.

The Canon Speedlite 430EX II is a multi-feature flash unit for Canon EOS cameras. It works automatically with E-TTL II, E-TTL, and TTL autoflash systems. It can be used as an on-camera flash or as part of a wireless flash system.

- **Read this instruction manual while also referring to your camera's instruction manual.**

Before using the Speedlite, read this instruction manual and your camera's instruction manual to familiarize yourself with the Speedlite operations.

- **The basic operation is the same as with normal AE shooting.**

When the 430EX II is attached to an EOS camera, **almost all automatic exposure control for flash photography is handled by the camera.**

Although the 430EX II is an external flash unit, it works automatically and seamlessly like the camera's built-in flash.

- **It becomes automatically compatible with the camera's flash metering mode (E-TTL II, E-TTL, and TTL).**

In accordance with the camera's flash control system, the Speedlite controls the flash automatically in the respective flash metering mode:

1. E-TTL II autoflash (evaluative flash metering with preflash reading/lens distance information)
2. E-TTL autoflash (evaluative flash metering with preflash reading)
3. TTL autoflash (off-the-film metering for real-time flash metering)

Regarding the camera's available flash metering modes, refer to the "External Speedlite" specification in the "Specifications" of your camera's instruction manual.

In the camera instruction manual, cameras having flash metering modes **1 or 2 are called Type-A cameras** (compatible with E-TTL II or E-TTL). And cameras having flash metering mode **3** (compatible only with TTL) **are Type-B cameras.**

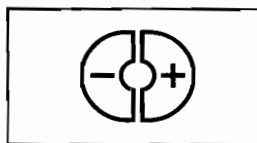
* This instruction manual assume that you are using the Speedlite with a Type-A camera.


For Type-B cameras, see page 37.

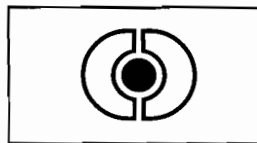
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Conventions Used in this Manual



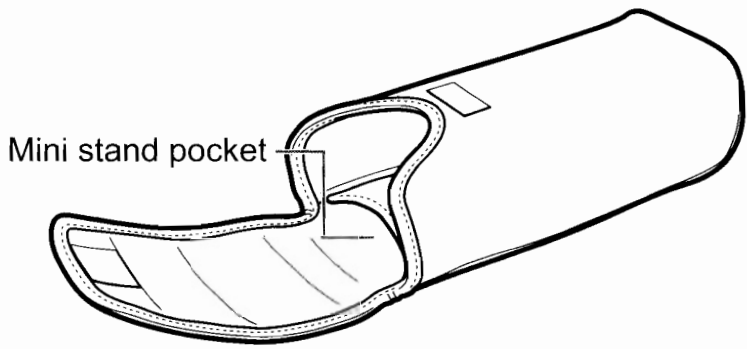
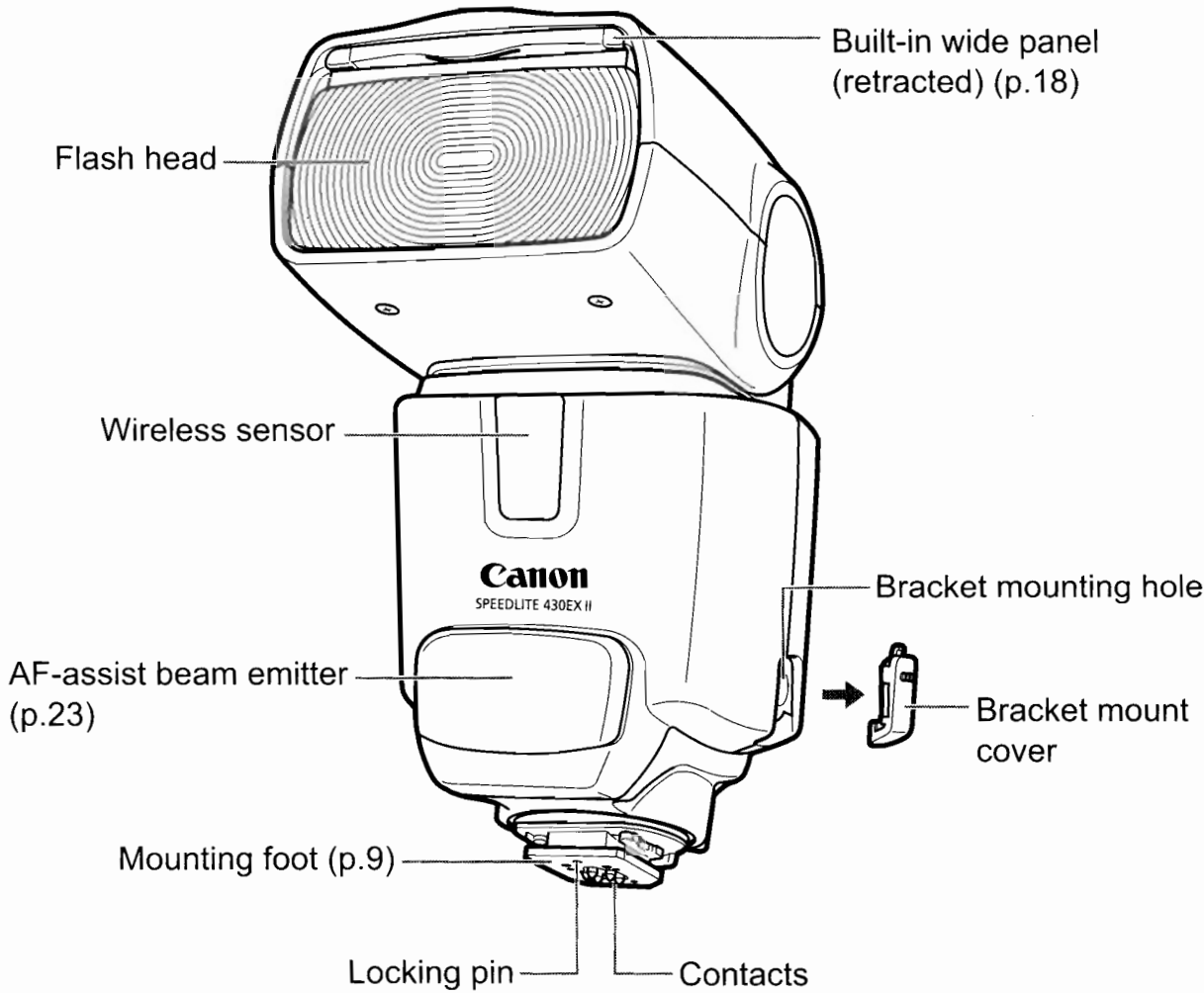
- The <  > symbol in the text refers to the +/- button.



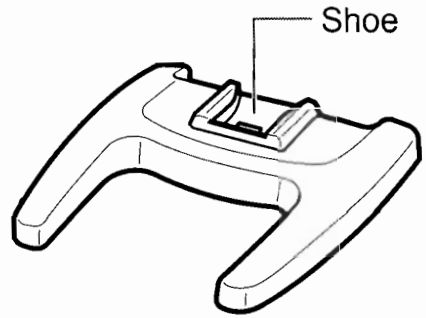
- The <  > symbol in the text refers to the Select/Setting button.

- The operation procedures in this instruction manual assume that both the camera and Speedlite's power switches are ON.
- Icons used in the text to indicate the respective buttons, dials, and settings match the same icons found on the camera and Speedlite.
- The ( 4) / ( 6) / ( 16) icons indicate that the respective function remains in effect for 4 sec., 6 sec., or 16 sec. after you let go of the button.
- Reference page numbers are indicated by (p.**).
- This instruction manual uses the following alert symbols:
 -  : Warning to prevent shooting problems.
 -  : Gives supplemental information.

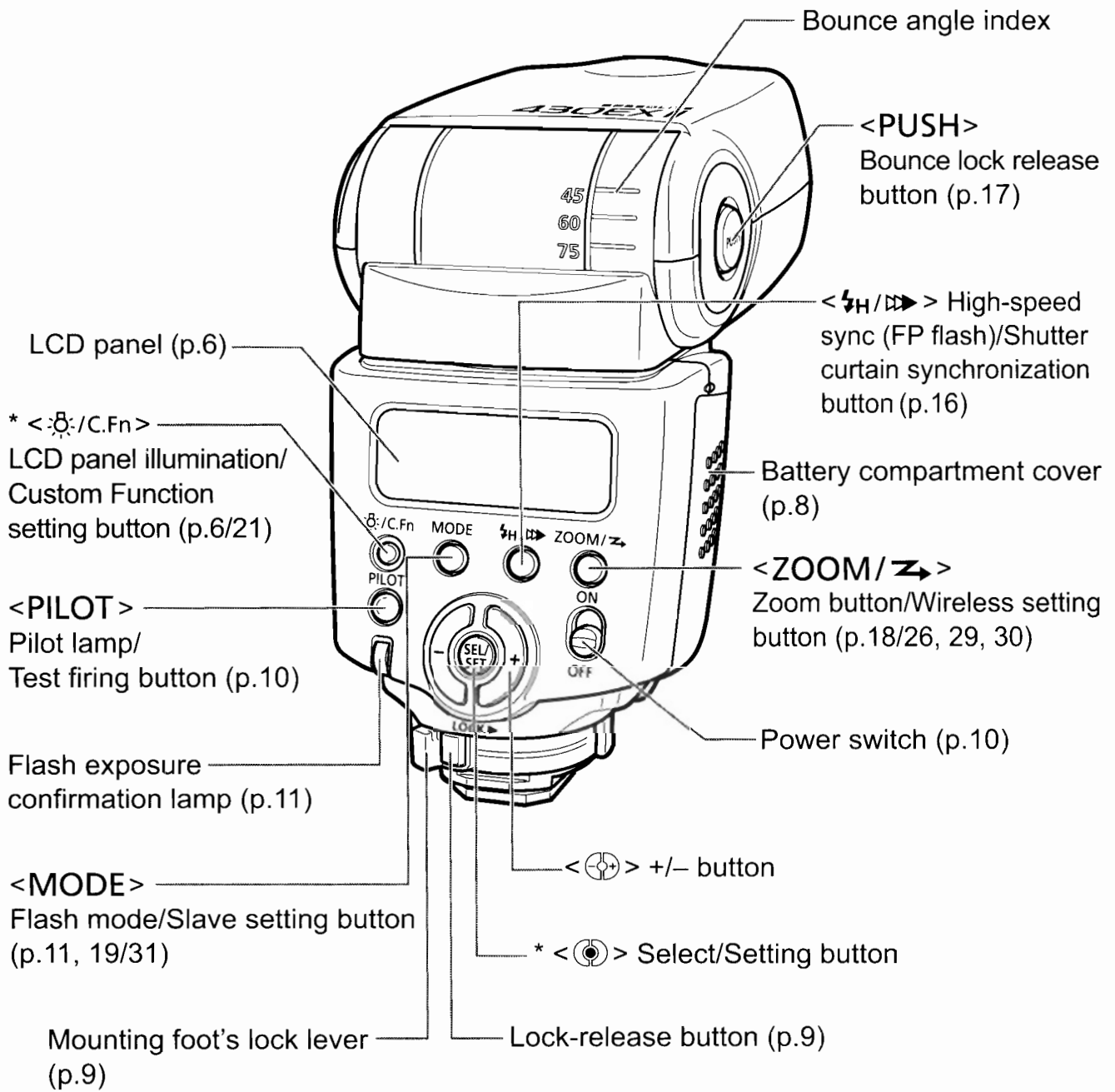
Nomenclature




Case

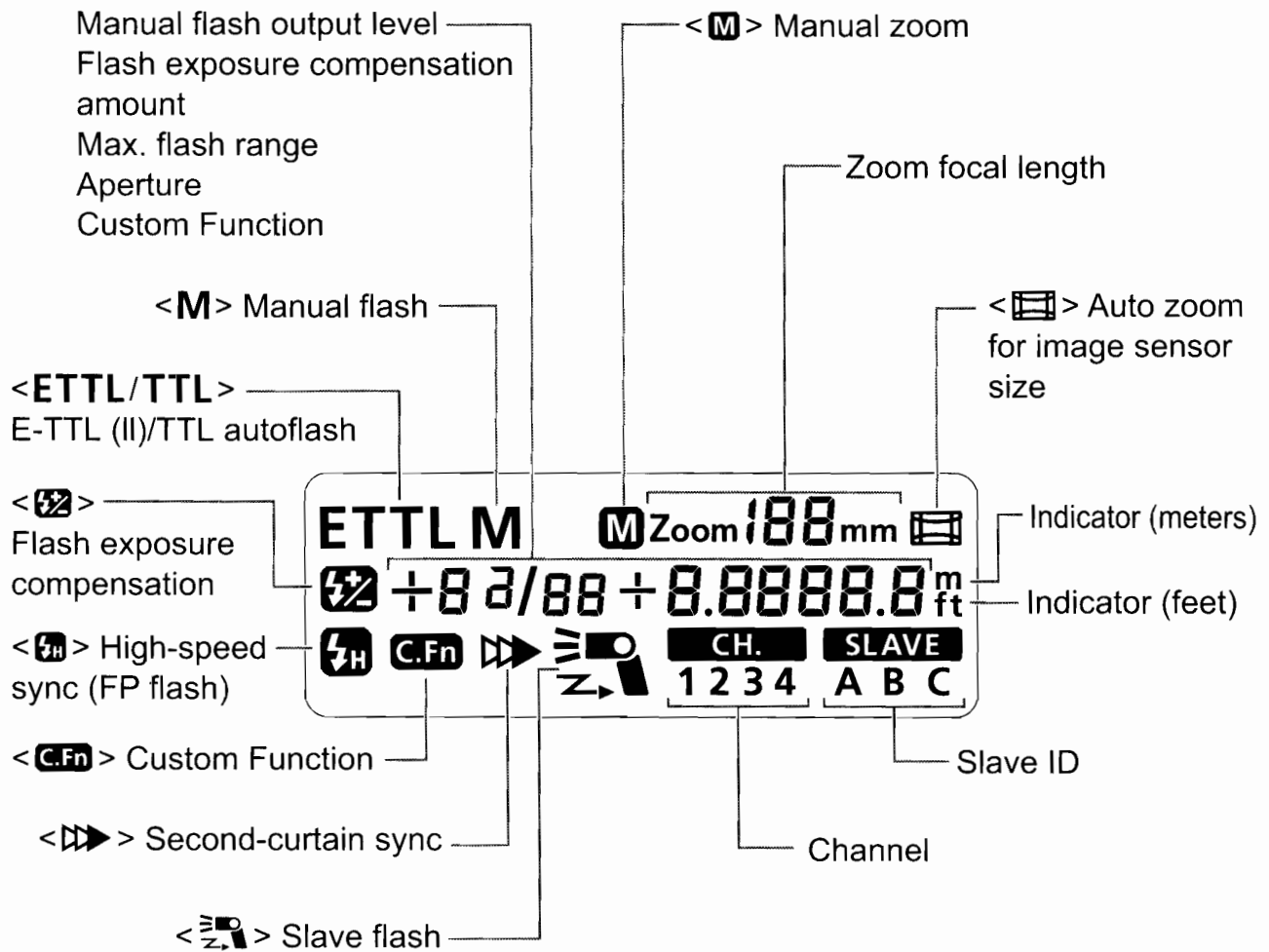


Mini stand



 Asterisked buttons have functions which remain active for 8 sec. after you press and let go of the button. The <:C.Fn> illumination lasts for 12 sec.

LCD Panel



- To illuminate the LCD panel, press the <[Light icon]> button.
- The items actually displayed depend on the current settings.



Getting Started and Basic Operation

Installing the Batteries	8
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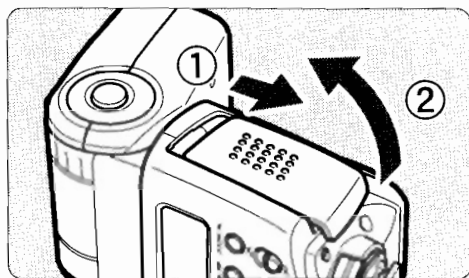


Cautions for firing continuous flashes

- To avoid overheating and degrading the flash head, do not fire more than 20 continuous flashes. After 20 continuous flashes, allow a rest time of at least 10 min.
- If you fire more than 20 continuous flashes and then fire more flashes in short intervals, the inner overheating prevention function may be activated to make the recycling time about 8 to 20 sec. If this occurs, allow a rest time of about 15 min. and the flash will then return to normal.

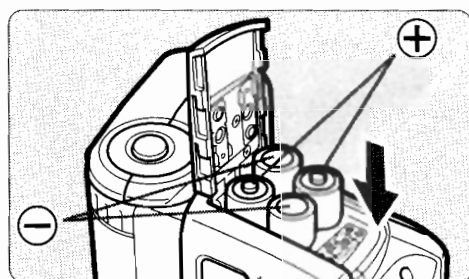
Installing the Batteries

Install four size-AA batteries.



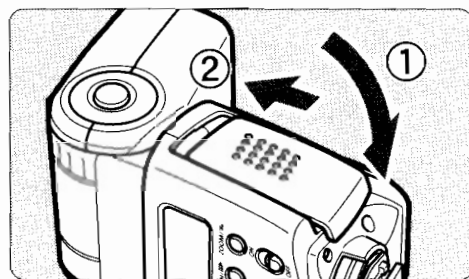
1 Open the cover.

- Slide the battery compartment cover as shown by the arrow and open it.



2 Install the batteries.

- Make sure the + and – battery contacts are correctly oriented as shown in the battery compartment.



3 Close the cover.

- Close the battery compartment cover and slide it as shown by the arrow.

Recycling Time and Flash Count

Recycling Time (Approx.)	Flash Count (Approx.)
0.1 - 3.0 sec.	200 - 1400

- Based on new size-AA alkaline batteries and Canon's testing standards.

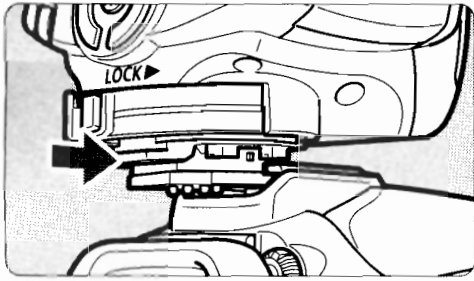


- Using size-AA batteries other than the alkaline type may cause improper battery contact due to the irregular shape of the battery contacts.
- If you change the batteries after firing many flashes continuously, be aware that the batteries might be hot.



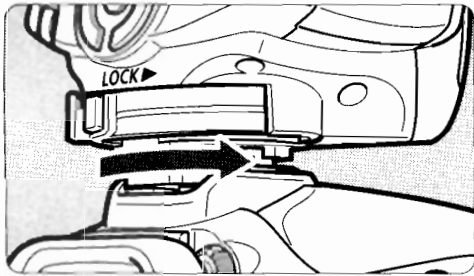
- Use a new set of four batteries of the same brand. When replacing the batteries, replace all four at one time.
- Size-AA Ni-MH or lithium batteries can also be used.

Attaching and Detaching the Flash



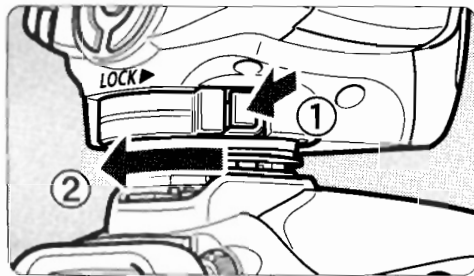
1 Attach the Speedlite.

- Slip the Speedlite's mounting foot into the camera's hot shoe all the way. (The mounting foot will protrude slightly from the hot shoe.)



2 Secure the Speedlite.

- On the mounting foot, slide the lock lever to the right.
 - ▶ When the lock lever clicks in place, it will be locked.



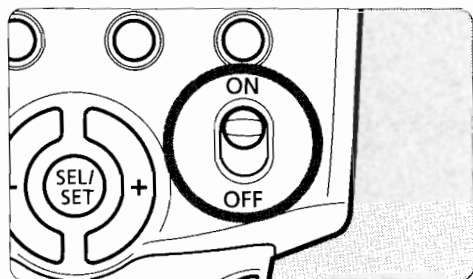
3 Detach the Speedlite.

- While pressing the lock-release button, slide the lock lever to the left and detach the Speedlite.

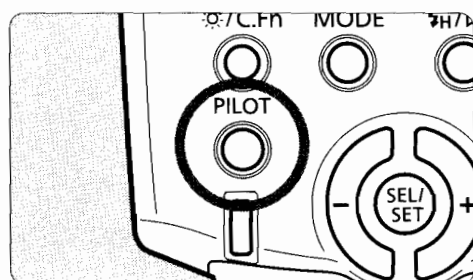


Before attaching or detaching the Speedlite, be sure to turn off the Speedlite.

Turning on the Power Switch



- 1 Set the power switch to <ON>.**
 - ▶ The flash recycling starts.



- 2 Check that the flash is ready.**
 - When the pilot lamp lights in red, the flash is ready to fire (fully charged).
 - To fire a test flash, press the <PILOT> button.

About Auto Power Off

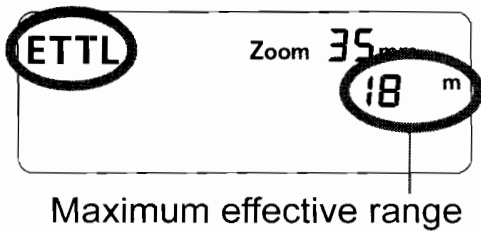
To save battery power, the power will turn off automatically after a certain period (approx. 1.5 min. to 15 min.) of idle use. To turn on the Speedlite again, press the camera's shutter button halfway. Or press the Speedlite's <PILOT> button.



- A test firing cannot be fired while the camera's operation timer 04 or 06 is active.
- The Speedlite's settings will be retained in memory even after the power is turned off. To retain the Speedlite's settings after you replace the batteries, turn off the power and replace the batteries within 1 minute.

Fully Automatic Flash Shooting

When you set the camera's shooting mode to <P> (Program AE) or <□> (Full Auto), E-TTL II/E-TTL fully automatic flash will make it as easy as normal AE shooting in the <P> and <□> modes.



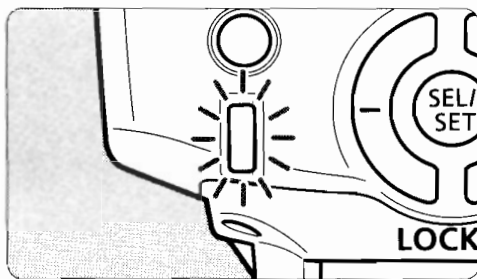
1 Set the Speedlite to <E-TTL>.

- Press the <MODE> button so that <E-TTL> is displayed.
- When you press the shutter button halfway, the maximum effective range (distance) of the flash will be displayed.



2 Focus the subject.

- Press the shutter button halfway to focus.
 - ▶ The shutter speed and aperture will be set as displayed in the viewfinder.
- Check that the <⚡> icon is lit in the viewfinder.



3 Take the picture.

- ▶ When you press the shutter button completely, the flash will fire and the picture will be taken.
- ▶ If a standard flash exposure was obtained, the flash exposure confirmation lamp (green) will light for about 3 sec.



If the lens focal length blinks on the LCD panel, the periphery of the flash picture may turn out dark. Use the built-in wide panel (p.18).



- <E-TTL> will be displayed on the LCD panel even if the camera is compatible with E-TTL II.
- If the flash exposure confirmation lamp does not light, move closer to the subject and take the picture again. With a digital camera, you can also increase the camera's ISO speed.

Using E-TTL II and E-TTL Autoflash in the Shooting Modes ■

Just set the camera's shooting mode to <**Tv**> (shutter-priority AE), <**Av**> (aperture-priority AE), or <**M**> (manual) and you can use E-TTL II/E-TTL autoflash.

Tv	<p>Select this mode when you want to set the shutter speed manually. The camera will then automatically set the aperture matching the shutter speed to obtain a standard exposure.</p> <ul style="list-style-type: none"> ● If the aperture display blinks, it means that the background exposure will be underexposed or overexposed. Adjust the shutter speed until the aperture display stops blinking.
Av	<p>Select this mode when you want to set the aperture manually. The camera will then automatically set the shutter speed matching the aperture to obtain a standard exposure. If the background is dark like a night scene, a slow sync speed will be used to obtain a standard exposure of both the main subject and background. Standard exposure of the main subject is obtained with the flash, while a standard exposure of the background is obtained with a slow shutter speed.</p> <ul style="list-style-type: none"> ● Since a slow shutter speed will be used for low-light scenes, using a tripod is recommended. ● If the shutter speed display blinks, it means that the background exposure will be underexposed or overexposed. Adjust the aperture until the shutter speed display stops blinking.
M	<p>Select this mode if you want to set both the shutter speed and aperture manually. Standard exposure of the main subject is obtained with the flash. The exposure of the background is obtained with the shutter speed and aperture combination you set.</p>

- If you use the <**DEP**> or <**A-DEP**> shooting mode, the result will be the same as using the <**P**> (Program AE) mode.

Flash Sync Speeds and Apertures Used

	Shutter Speed Setting	Aperture Setting
P	Set automatically (1/X sec. - 1/60 sec.)	Automatic
Tv	Set manually (1/X sec. - 30 sec.)	Automatic
Av	Set automatically (1/X sec. - 30 sec.)	Manual
M	Set manually (1/X sec. - 30 sec., Bulb)	Manual

- 1/X sec. is the camera's maximum flash sync speed.



Using Flash

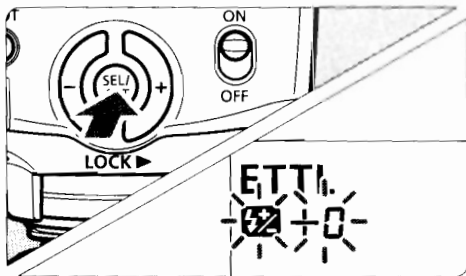
Flash Exposure Compensation (★)	14
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Second-Curtain Sync (★)	16
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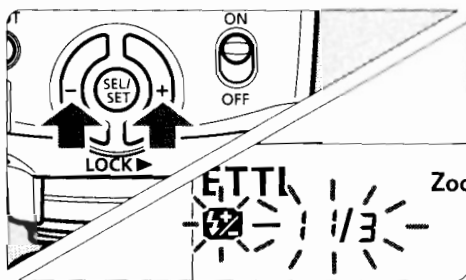
Features with a star cannot be used in Basic Zone modes.

Flash Exposure Compensation


In the same way as normal exposure compensation, you can set exposure compensation for flash. The flash exposure compensation amount can be set up to ± 3 stops in 1/3-stop increments. (If the camera's exposure compensation is in 1/2-stop increments, flash exposure compensation will be in 1/2-stop increments.)

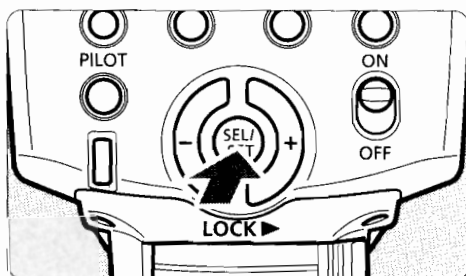



1 Press the  button until the  icon and compensation amount start blinking.



2 Set the flash exposure compensation amount.

- Press the  button to set the amount.
- To cancel the flash exposure compensation, set the amount to "+0."





3 Press the  button.

- ▶ Flash exposure compensation will be set.



If flash exposure compensation has been set with both the Speedlite and camera, the Speedlite's flash exposure compensation amount will override the camera's.

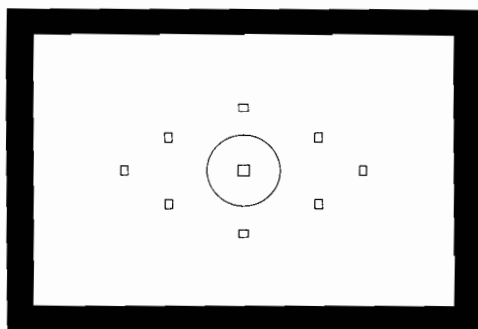
Using

This is for setting various numeric settings. Pressing the  (plus) button increases the number, while the  (minus) button decreases the number.

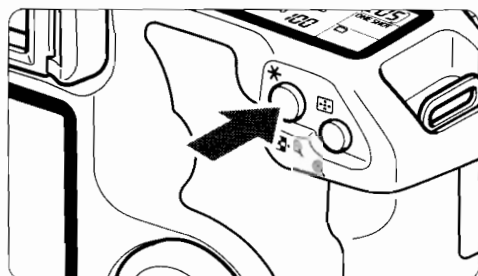
FEL: FE Lock

FE (flash exposure) lock locks the correct flash exposure setting for any part of the scene.

With <ETTL> displayed on the LCD panel, you press the camera's <FEL> button. If the camera does not have the <FEL> button, press the <✳> button.



1 Focus the subject.



2 Press the <FEL> button. (ⓘ16)

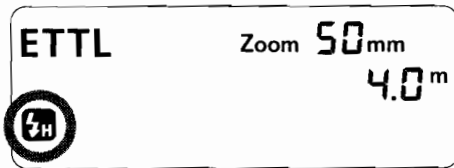
- Aim the subject at the center of the viewfinder and press the <FEL> button.
- ▶ The Speedlite fires a preflash, then the required flash output is retained in memory.
- ▶ “FEL” will be displayed in the viewfinder for 0.5 sec.
- Each time you press the <FEL> button, a preflash will be fired and a new flash exposure reading will be locked.




- If the subject is too far away and underexposure will result, the <⚡> icon will blink in the viewfinder. Move closer to the subject and try the FE lock again.
- If <ETTL> is not displayed on the LCD panel, FE lock cannot be set.
- If the target subject is too small in the viewfinder, the FE lock might not be very effective.

High-Speed Sync





With high-speed sync (FP flash), the flash can synchronize with all shutter speeds. This is convenient when you want to use aperture priority for fill-flash portraits.



Press the **<  /  >** button so that **<  >** is displayed.

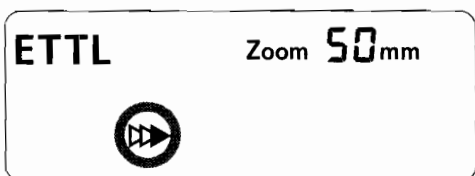
- Check that the **<  >** icon is lit in the viewfinder.



- If you set a shutter speed that is the same or slower than the camera's maximum flash sync speed, **<  >** will not be displayed in the viewfinder.
- With high-speed sync, the faster the shutter speed, the shorter the effective flash range will be. Check the LCD panel for the maximum flash range for the respective shutter speed.
- To return to normal flash, press the **<  /  >** button so that **<  >** icon turns off.




Second-Curtain Sync

With a slow shutter speed, you can create a light trail following the subject. The flash fires right before the shutter closes.



Press the **<  /  >** button so that **<  >** is displayed.



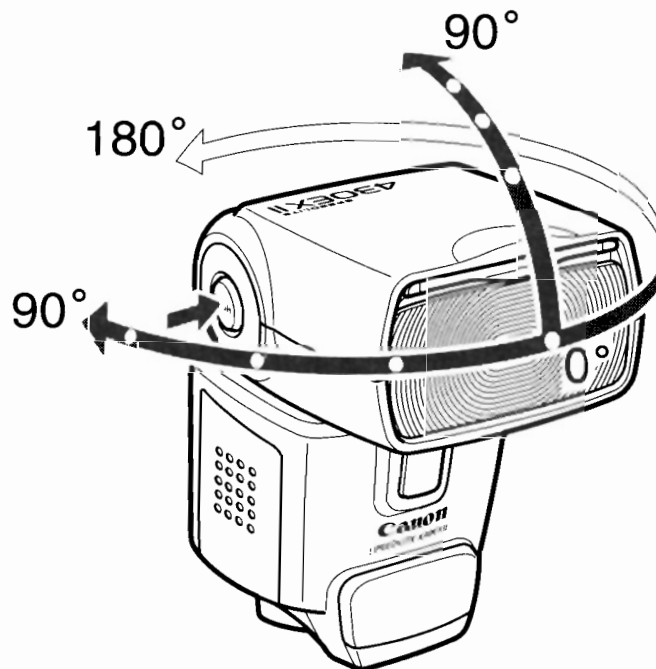
- Second-curtain sync works well in the camera's "buLb" mode.
- To return to normal flash, press the **<  /  >** button. The **<  >** icon will disappear.
- With E-TTL II/E-TTL, when you press the shutter button completely, a preflash will be fired. Then right before the shutter closes, the main flash is fired.

Bounce Flash

By pointing the flash head toward a wall or ceiling, the flash will bounce off the surface before illuminating the subject. This can soften shadows behind the subject for a more natural-looking shot. This is called bounce flash.

Set the Bounce Direction

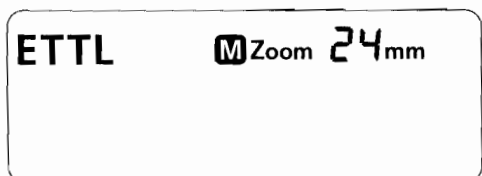
- Hold down the <PUSH> button and turn the flash head. If the flash coverage is set automatically, the flash coverage will be fixed to 50mm. The LCD panel will also display <Zoom - - mm>.
- You can also set the flash coverage manually. (p.18)



- If the wall or ceiling is too far away, the bounced flash might be too weak and result in underexposure.
- The wall or ceiling should be a plain, white color for high reflectance. If the bounce surface is not white, a color cast may result in the picture.
- After you take the shot, if the flash exposure confirmation lamp does not light, use a larger aperture opening and try again. With a digital camera, you can also increase the ISO speed.

ZOOM: Setting the Flash Coverage and Using the Wide Panel

The flash coverage can be set to match the lens focal length from 24mm to 105mm. The flash coverage can be set automatically or manually. Also, with the built-in wide panel, the flash coverage will be compatible with ultra wide-angle lenses as short as 14mm.



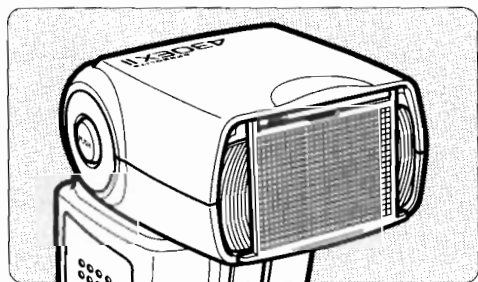
Press the <ZOOM/ Z > button.

- Press the < Z > button to change the flash coverage.
- If < M > is not displayed, the flash coverage will be set automatically.



If you set the flash coverage manually, make sure it covers the lens focal length so that the picture will not have a dark periphery.

Using the Wide Panel



Pull out the wide panel and place it as shown.

- The <ZOOM/ Z > button will not work.



- The flash coverage will not be compatible with the EF15mm f/2.8 Fisheye lens.
- For the effective lens focal length (or crop factor), refer to the camera's instruction manual.

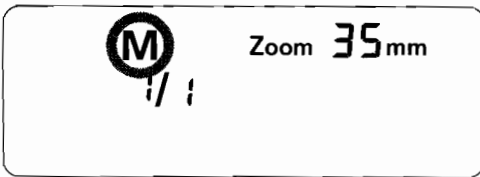


- If you use bounce flash with the wide panel in place, the entire display on the LCD panel will blink as a warning. Since the subject will be illuminated by both the bounce flash and direct flash, it will look unnatural.
- Pull out the wide panel gently. Using excessive force may detach the wide panel.

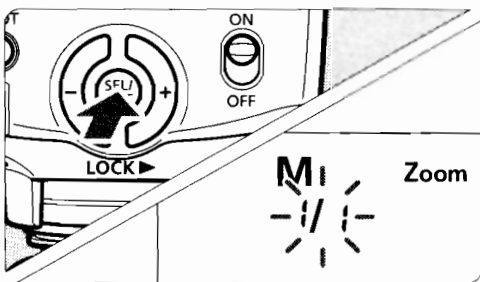
M: Manual Flash

You can set the flash output from 1/64 power to 1/1 full power in 1/3-stop increments.

Use a hand-held flash meter to determine the required flash output to obtain a correct flash exposure. Setting the camera's shooting mode to **<Av>** or **<M>** is recommended.

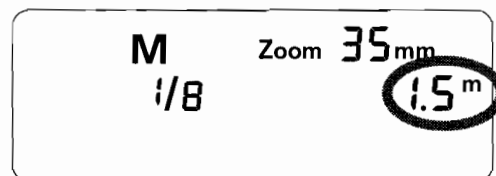


1 Press the **<MODE>** button so that **<M>** is displayed.



2 Set the flash output.

- Press the **<◉>** button.
- ▶ The flash output blinks.
- Press the **<◉+>** button to set the flash output, then press the **<◉>** button.
- Press the shutter button halfway to see the effective flash range displayed.



Flash Output Display

The manual flash output value will change as shown below when the flash output is decreased or increased.

(Example) Figures for decreased flash output →

1/1	1/1 -0.3	1/1 -0.7	1/2	1/2 -0.3	1/2 -0.7	1/4	...
	1/2 +0.7	1/2 +0.3		1/4 +0.7	1/4 +0.3		...

← Figures for increased flash output

Metered Manual Flash Exposures

When the Speedlite is attached to an EOS-1D series camera, you can also set the flash exposure level manually.

1 Set the camera and Speedlite.

- Setting the camera's shooting mode to <Av> or <M> is recommended.
- Set the Speedlite's flash mode to <M> (Manual flash).

2 Focus the subject.

- Focus manually.

3 Set up an 18% gray card.

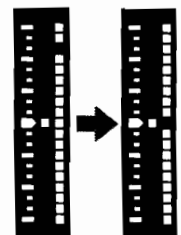
- Place the gray card at the subject's position.
- In the viewfinder, the entire spot metering circle at the center should cover the gray card.

4 Press the <FE L> button. (Ⓢ16)

- ▶ The Speedlite will fire a preflash and the required flash output for the subject is retained in memory.
- ▶ On the right side of the viewfinder, the exposure level indicator will show the flash exposure level for the correct flash exposure.

5 Set the flash exposure level.

- Adjust the Speedlite's manual flash level and the camera aperture so that the flash exposure level aligns with the standard exposure index.



6 Take the picture.

- Remove the gray card and take the picture.

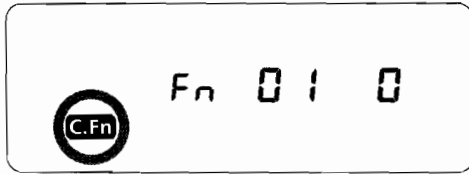
C.Fn: Setting Custom Functions

You can customize Speedlite features to suit your shooting preferences. You do this with Custom Functions.

Custom Function No.	Function	Setting No.	Settings & Description	Reference page
C.Fn-00	Distance indicator display	0	Meters (m)	-
		1	Feet (ft)	
C.Fn-01	Auto power off	0	Enabled	p.10
		1	Disabled	
C.Fn-02	Modeling flash	0	Enabled (Depth-of-field preview button)	p.30
		1	Enabled (Test firing button)	
		2	Enabled (with both buttons)	
		3	Disabled	
C.Fn-07	Test firing with autoflash	0	1/32	-
		1	Full output	
C.Fn-08	AF-assist beam firing	0	Enabled	p.23
		1	Disabled	
C.Fn-09	Auto zoom for sensor size	0	Enabled	p.23
		1	Disabled	
C.Fn-10	Slave auto power off timer	0	60 minutes	p.28
		1	10 minutes	
C.Fn-11	Slave auto power off cancel	0	Within 8 hours	
		1	Within 1 hour	
C.Fn-14	Flash range/aperture info.	0	Maximum distance	p.11
		1	Aperture display	

- C.Fn-02-1/3: Convenient when you want to use the depth-of-field preview button to check the depth of field.
- C.Fn-08: If the Speedlite or camera's AF-assist beam is disabled, the AF-assist beam will not be emitted.
- C.Fn-14: You can change the information displayed on the LCD panel when the shutter button is pressed halfway. This function can be set only with Type-A cameras.

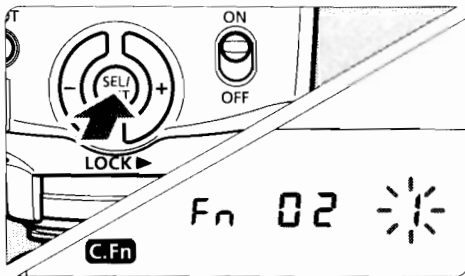
Setting Custom Functions



1 Press the <☀/C.Fn> button for 2 sec. or more so that <C.Fn> is displayed.

2 Select the Custom Function No.

- Press the <⊕/⊖> button to select the Custom Function number.




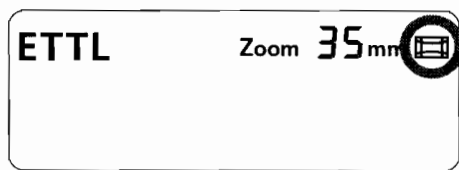
3 Change the setting.

- Press the <⊙> button.
- ▶ The setting number will blink.
- ▶ Press the <⊕/⊖> button to set the desired number, then press the <⊙> button.
- ▶ After you set the Custom Function and press the <MODE> button, the camera will be ready to shoot.


Auto Zoom for Image Sensor Size

EOS DIGITAL cameras have one of three image sensor sizes. The lens' effective focal length will differ depending on the camera's sensor size. The Speedlite automatically recognizes the EOS DIGITAL camera's sensor size and automatically sets the flash coverage for lens focal lengths from 24mm to 105mm.

When the Speedlite is attached to a compatible camera, <  > will appear on the Speedlite's LCD panel.



About Color Temperature Information Transmission

When the flash fires, the color temperature information is transmitted to the EOS DIGITAL camera. This feature optimizes the flash picture's white balance. When the camera's white balance is set to < **AWB** > or <  >, it will work automatically.

To see if this feature works with your camera, see the Specifications in your camera's instruction manual.

About the AF-Assist Beam

Under low-light or low-contrast conditions when autofocus cannot be achieved, the built-in AF-assist beam will be emitted automatically to make it easier to autofocus. The 430EX II's AF-assist beam is compatible with the AF points of almost all EOS cameras. The AF-assist beam is compatible with 28mm and longer lenses. The effective range is shown below.

Position	Effective Range (m / ft)
Center	Approx. 0.7 - 10 / 2.3 - 32.8
Periphery	Approx. 0.7 - 5 / 2.3 - 16.4

Speedlite Control with the Camera's Menu Screen ■

If the Speedlite is attached to an EOS DIGITAL camera enabling External Speedlite control, the camera can set the Speedlite settings.

● Setting Speedlite functions

The settable functions will vary depending on the flash metering mode and flash mode.

- Flash mode
- Shutter sync (1st curtain, 2nd curtain, High-speed)
- Flash exposure compensation
- Flash metering mode
- Flash firing
- Zoom (Flash coverage)
- Clear Speedlite settings

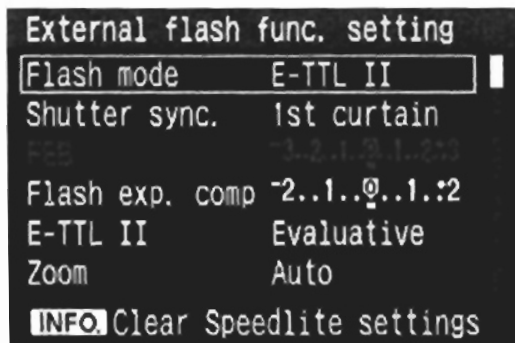
● Speedlite Custom Functions

- 9 Custom Functions

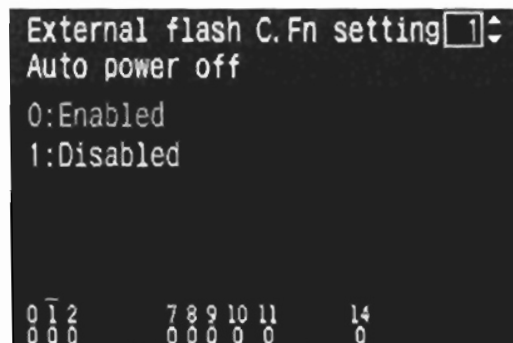
● Clear All Speedlite Custom Functions

Only C.Fn-00 will not be cleared.


Flash function settings screen*




Flash C.Fn settings screen*



* The screen may look different depending on the camera.

 If flash exposure compensation has already been set with the Speedlite, flash exposure compensation cannot be set with the camera.

 If any Speedlite Custom Functions and flash function settings other than flash exposure compensation have been set by both the camera and Speedlite, the latest setting will take effect.



Wireless Flash

Wireless flash photography requires another Speedlite which can serve as the master unit such as Speedlite 580EX II.

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Setting Manual Flash with the Slave Unit	31

Reference

430EX II System	32
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Specifications	35
Using a Type-B Camera	37

Wireless Flash

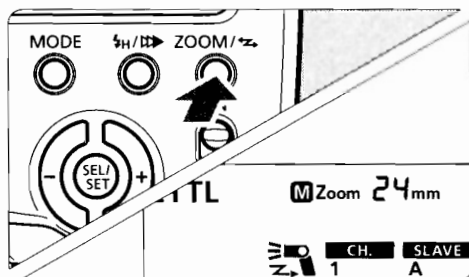
With multiple Canon Speedlites having the wireless flash feature, you can create various lighting effects with the same ease as using normal E-TTL II autoflash.

The settings you input with the master unit attached to the camera are also automatically transmitted to the slave units which are controlled by the master unit via wireless. Therefore, you need not operate the slave unit(s) at all during the shoot.

For details on wireless flash photography and operating the master unit, see the master unit's instruction manual. The procedure below applies to a master unit attached to the camera and slave unit(s) controlled by wireless.

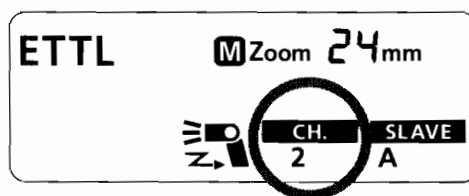
1 Set the master unit.

- Attach the master unit Speedlite to the camera and set it as necessary.



2 Set the 430EX II as the slave unit.

- Hold down the <ZOOM/ zoom> button for 2 sec. or more.



3 Check the communication channel.

- If the master unit and slave unit(s) are set to a different channel, set them all to the same channel (p.29).

4 Set the slave ID.

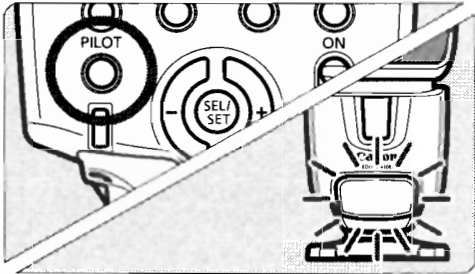
- Set the slave ID when using two (A and B) or three (A, B, and C) slave groups (p.30).

5 Position the camera and Speedlites.

- Position the slave unit(s) within the master unit's wireless transmission range.

6 Set the master unit's flash mode to <ETTL>.

- For shooting, <ETTL> will also be set automatically for the slave unit(s).



7 Check that the flash is ready.

- When the slave unit(s) is ready to fire (fully charged), the AF-assist beam will blink at 1-sec. intervals.

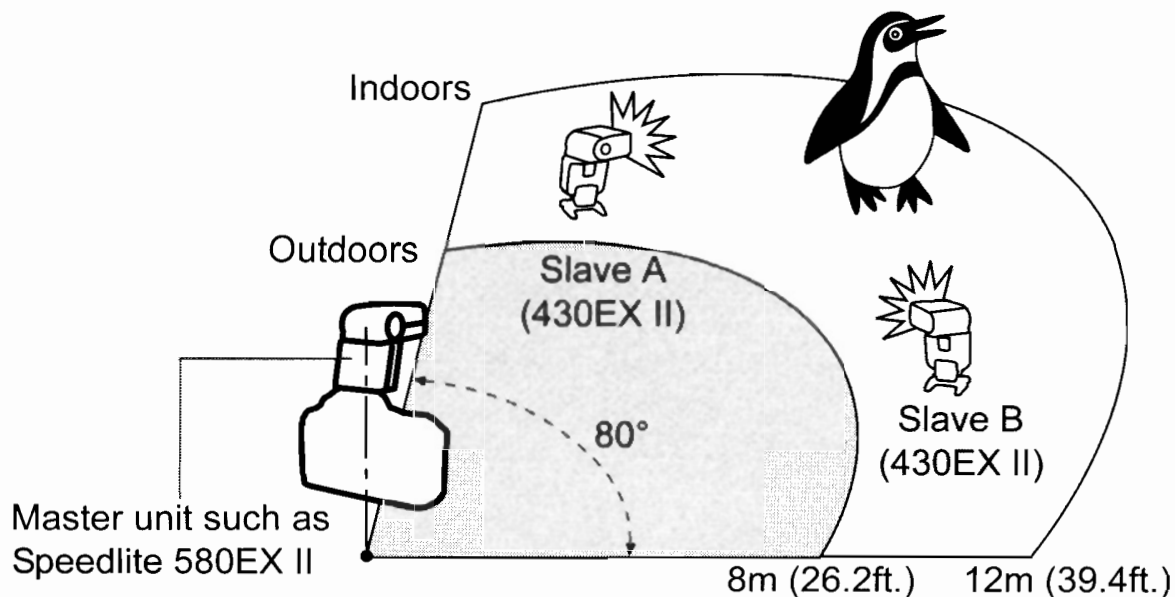
8 Check the flash operation.

- Press the master unit's test firing button.
- ▶ The slave unit will fire. If the flash does not fire, adjust the slave unit's angle toward the master unit and distance from the master unit.

9 Set the camera and shoot.



- Set the camera in the same way as with normal flash shooting.

Sample wireless flash setup



- Use the mini stand (tripod socket provided) to prop up the slave unit.
- Use the bounce feature to swing the slave unit's flash body so that the wireless sensor faces the master unit.
- Indoors, the wireless signal can also bounce off the wall so there is more leeway in positioning the slave unit(s).
- After positioning the slave unit(s), be sure to test the wireless flash operation before shooting.
- Do not place any obstacles between the master unit and slave unit(s). Obstacles can block the transmission of wireless signals.



- Even with multiple slave units, all of them will be controlled in the same way via wireless.
- The Speedlite's zoom setting will be set automatically to 24mm. It is possible to change the master unit's zoom setting. However, note that the master unit transmits wireless signals to the slave unit(s) with the preflash. Therefore, the flash coverage must cover the slave unit's position. If you change the master unit's zoom setting, be sure to test the wireless flash operation before shooting.
- If the slave unit's auto power off takes effect, press the master unit's test firing button to turn on the slave unit.
- If the 430EX II is set as a slave unit and remains in auto power off mode for more than 8 hours, it will not turn on even if you try to fire a test flash with the master unit. In this case, press the slave unit's test firing button to turn it on.
- A test flash cannot be fired while the camera's operation timer 4 or 6 is active.

Using Fully Automatic Wireless Flash

Flash exposure compensation and other settings set with the master unit will also be automatically set in the slave units. Thus, you need not operate the slave unit(s). Wireless flash with the following settings can be done in the same way as with normal flash shooting.

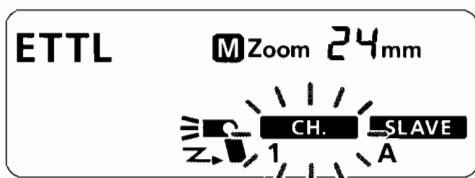
- Flash exposure compensation
- High-speed sync (FP flash)
- FE lock
- FEB
- Manual flash
- Stroboscopic flash



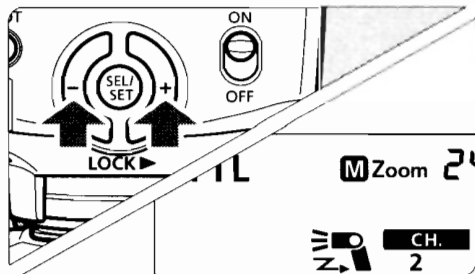
- With FE lock, if even one Speedlite will result in underexposure, the <⚡> icon will blink in the viewfinder. Open the aperture more or move the slave unit closer to the subject.
- With a wireless flash system, the master unit's settings will not be displayed on the 430EX II's LCD panel.

Setting the Communication Channel

If there is another Canon wireless flash system nearby, you can change the channel No. to prevent signal confusion. Both the master and slave units must be set to the same channel No.



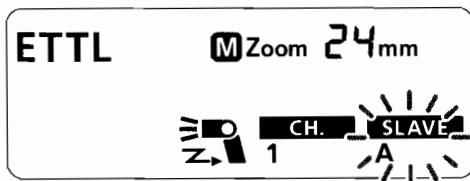
- 1 Press the <ZOOM/ Z> button so that <CH.> blinks.



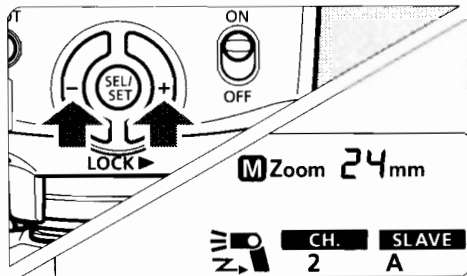
- 2 Set the channel No.
 - Press the <SEL/SET> button to select the channel number, then press the <SEL/SET> button.

Setting the Slave ID



Set the slave ID if you use two (A and B) or three (A, B, and C) slave groups.



1 Press the <ZOOM/  > button so that < **SLAVE** > blinks.



2 Set the slave ID.

- Press the <  > button to select the slave ID (A, B, or C), then press the <  > button.

Modeling Flash

If the camera has a depth-of-field preview button, pressing it will fire the flash continuously for 1 sec. This is called the modeling flash.

It enables you to see the shadow effects on the subject and the lighting balance. You can fire the modeling flash for both wireless and normal flash shooting.

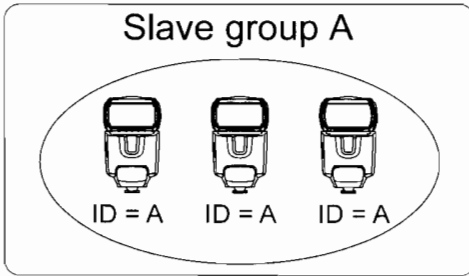


Do not fire the modeling flash more than 10 consecutive times. If you fire the modeling flash 10 consecutive times, allow the Speedlite to rest for at least 10 min. to avoid overheating and deteriorating the flash head.



The modeling flash cannot be fired with the EOS REBEL 2000/300 and Type-B cameras (p.2).

About Slave Group Control

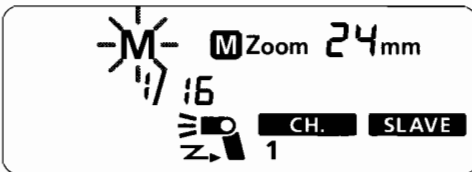


For example, if you have the slave ID set to <A> for three slave units, all three slave units will be controlled as if they were one Speedlite in slave group A.

Setting Manual Flash with the Slave Unit

Manual flash can be set manually with the slave unit. Do this in the following cases:

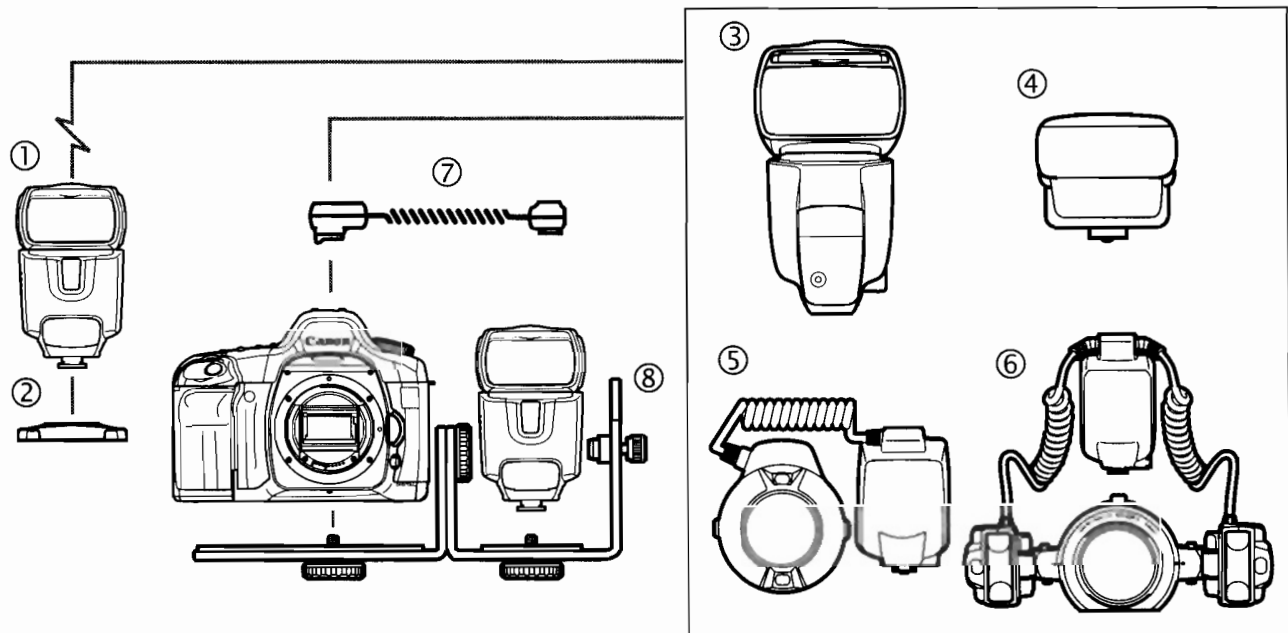
- (1) When you want to set the flash output with the slave units individually for wireless or manual flash, as with studio flash units.
- (2) When you use Speedlite Transmitter ST-E2 for wireless or manual flash.



- Hold down the <MODE> button for 2 sec. or more.
- ▶ <M> will blink.
- Set the manual flash output. (p.19)

Reference

430EX II System



- ① **Speedlite 430EX II** (Slave unit)
- ② **Mini stand** (included with 430EX II)
- ③ **Speedlite 580EX II** (On-camera/Master unit)
- ④ **Speedlite Transmitter ST-E2**
Dedicated transmitter for wireless control of 430EX II set as slave units.
- ⑤ **Macro Ring Lite MR-14EX** / ⑥ **Macro Twin Lite MT-24EX**
Flash for macro photography.
- ⑦ **Off-Camera Shoe Cord OC-E3**
Enables the 430EX II to be connected to the camera up to 60 cm/2 ft away.
- ⑧ **Speedlite Bracket SB-E2**

Troubleshooting Guide

If there is a problem, refer to this Troubleshooting Guide.

The Speedlite does not fire.

- **The batteries are installed in the wrong orientation.**
 - ▶ Install the batteries in the correct orientation. (p.8)
- **The Speedlite's internal batteries are exhausted.**
 - ▶ If the flash recycling time takes 30 sec. or longer, replace the batteries. (p.8)
- **The Speedlite is not attached securely to the camera.**
 - ▶ Attach the Speedlite's mounting foot securely to the camera. (p.9)
- **The electrical contacts of the Speedlite and camera are dirty.**
 - ▶ Clean the contacts.

The slave unit does not fire.

- **The channel does not match the master unit's channel.**
 - ▶ Set it to the same channel as the master unit. (p.29)
- **The slave unit(s) is not positioned properly.**
 - ▶ Place the slave unit within the master unit's transmission range. (p.26)
 - ▶ Point the slave unit(s)'s sensor toward the master unit. (p.26)

The power turns off by itself.

- **Auto power off took effect.**
 - ▶ Press the shutter button halfway or press the <PILOT> button. (p.10)

The entire LCD panel blinks.

- **The wide panel has been pulled out for bounce flash.**
 - ▶ Retract the wide panel. (p.18)

Auto zoom does not work.

- **The Speedlite is not attached securely to the camera.**
 - ▶ Attach the Speedlite's mounting foot securely to the camera. (p.9)

The periphery or bottom of the picture looks dark.

- **When you set the flash coverage manually, the setting was a higher number than the lens focal length, resulting in a dark periphery.**
 - ▶ Set the flash coverage that is a lower number than the lens focal length or set it to auto zoom. (p.18)
- **If only the bottom of the picture looks dark, you were too close to the subject.**
 - ▶ Keep at least 0.7 m/2.3 ft away from the subject.

The flash exposure is underexposed or overexposed.

- **There was a highly reflective object (glass window, etc.) in the picture.**
 - ▶ Use FE lock. (p.15)
- **The subject looks very dark or very bright.**
 - ▶ Set flash exposure compensation. For a dark subject, set a decreased flash exposure. And for a bright subject, set an increased flash exposure. (p.14)
- **You used high-speed sync.**
 - ▶ With high-speed sync, the effective flash range will be shorter. Make sure the subject is within the effective flash range displayed. (p.16)

The picture is really blurred.

- **The shooting mode was set to <Av>, and the scene was dark.**
 - ▶ Use a tripod or set the shooting mode to <P>. (p.12)

The buttons do not work.

- **The Mode Dial is set to a Basic Zone mode.**
 - ▶ Set the Mode Dial to a Creative Zone mode.

Specifications

• Type

Type:	On-camera, E-TTL II/E-TTL/TTL autoflash Speedlite
Compatible cameras:	Type-A EOS cameras (E-TTL II/E-TTL autoflash), Type-B EOS cameras (TTL autoflash)
Guide No.:	43/141 (at 105mm focal length, ISO 100 in meters/feet)
Flash coverage:	24 - 105mm (14mm with wide panel) <ul style="list-style-type: none">• Auto zoom (Flash coverage set automatically to match the lens focal length and image sensor size)• Manual zoom• Flash head swing (bounce flash)

Color temperature information transmission:	Flash color temperature information transmitted to camera when flash is fired
---	---

• Exposure Control

Exposure control system:	E-TTL II/E-TTL/TTL autoflash, manual flash
Effective flash range:	0.7 - 24.3 m / 2.3 - 79.7 ft.
(With EF50mm f/1.4 lens at ISO 100)	* High-speed sync: 0.7 - 12 m / 2.3 - 39.4 ft. (at 1/250 sec.)
Flash exposure compensation:	±3 stops in 1/3- or 1/2-stop increments
FE lock:	Provided
High-speed sync:	Provided
Flash exposure confirmation:	Flash exposure confirmation lamp lights

• Flash Recycling

Recycling time:	Normal flash: Approx. 3.0 sec. (with size-AA alkaline batteries)
Flash-ready indicator:	Red pilot lamp lights

• Wireless Slave

Transmission method:	Optical pulse
Channels:	4
Transmission range:	Reception angle: Approx. ±40° horizontal, Approx. ±30° vertical
Slave-ready indicator:	AF-assist beam blinks
Modeling flash:	Fired with camera's depth-of-field preview button

• Custom Functions: 9 (20 settings)

• AF-Assist Beam

Linkable AF points: 1 - 9 AF points (28mm or longer focal length)
 Effective range: At center: Approx. 0.7 - 10 m / 2.3 - 32.8 ft.,
 Periphery: Approx. 0.7 - 5 m / 2.3 - 16.4 ft.

• Power Source

Battery: Four size-AA alkaline batteries
 * Size-AA Ni-MH and lithium batteries also usable
 Battery life (flash count): Approx. 200 - 1400 flashes (with size-AA alkaline batteries)
 Power saving: Power off after approx. 1.5 min. to 15 min. of idle operation
 (60 min. if set as slave)

• Dimensions

(W x H x D): 72 x 122 x 101 mm / 2.8 x 4.8 x 4.0 in.

• **Weight:** Approx. 320 g / 11.3 oz. (Speedlite only, excluding batteries)

- All specifications above are based on Canon's testing standards.
- Product specifications and external appearance are subject to change without notice.

Manual Flash Guide No. (ISO 100, in meters/feet)

Flash Output	Flash Coverage (mm)							
	14	24	28	35	50	70	80	105
1/1	11/ 36.1	25/ 82	27/ 88.6	31/ 101.7	34/ 111.5	37/ 121.4	40/ 131.2	43/ 141.1
1/2	7.8/ 25.6	17.7/ 58.1	19.1/ 62.7	21.9/ 71.9	24/ 78.7	26.2/ 86	28.3/ 92.8	30.4/ 99.7
1/4	5.5/ 18	12.5/ 41	13.5/ 44.3	15.5/ 50.9	17/ 55.8	18.5/ 60.7	20/ 65.6	21.5/ 70.5
1/8	3.9/ 12.8	8.8/ 28.9	9.5/ 31.2	11/ 36.1	12/ 39.4	13.1/ 43	14.1/ 46.3	15.2/ 49.9
1/16	2.8/ 9.2	6.3/ 20.7	6.8/ 22.3	7.8/ 25.6	8.5/ 27.9	9.3/ 30.5	10/ 32.8	10.8/ 35.4
1/32	1.9/ 6.2	4.4/ 14.4	4.8/ 15.7	5.5/ 18	6/ 19.7	6.5/ 21.3	7.1/ 23.3	7.6/ 24.9
1/64	1.4/ 4.6	3.1/ 10.2	3.4/ 11.2	3.9/ 12.8	4.3/ 14.1	4.6/ 15.1	5/ 16.4	5.4/ 17.7

Using a Type-B Camera

If you use the 430EX II with a Type-B camera (TTL autoflash EOS camera), note the features available and not available below.

When a Type-B camera is used with the 430EX II set to autoflash, <TTL> will be displayed on the Speedlite's LCD panel.

Features Available with Type-B Cameras

- TTL autoflash
- Flash exposure compensation
- Manual Flash
- Second-curtain sync
- Manual flash and stroboscopic flash with wireless flash

Features not Available with Type-B Cameras

- E-TTL II/E-TTL autoflash
- FE lock
- High-speed sync (FP flash)
- Autoflash and flash ratio setting with wireless flash

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Do not make any changes or modifications to the equipment unless otherwise specified in the instructions. If such changes or modifications should be made, you could be required to stop operation of the equipment.

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 designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

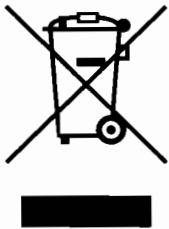
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Consult the dealer or an experienced radio/TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

The apparatus shall not be exposed to dripping or splashing.
Batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
Dry batteries shall not be subjected to charging.



European Union (and EEA) only.

This symbol indicates that this product is not to be disposed of with your household waste, according to the WEEE Directive (2002/96/EC) and your national law. This product should be handed over to a designated collection point, e.g., on an authorized one-for-one basis when you buy a new similar product or to an authorized collection site for recycling waste electrical and electronic equipment (EEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, approved WEEE scheme or your household waste disposal service. For more information regarding return and recycling of WEEE products, please visit www.canon-europe.com/environment.

(EEA: Norway, Iceland and Liechtenstein)

Canon

This Instructions booklet is dated May 2008. For information on the camera's compatibility with system accessories marketed after this date, contact your nearest Canon Service Center.



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1-800-OK-CANON

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Dealer Record of Canon Purchase Fiche d'Achat pour Concessionnaire Canon Ficha de compra por el Concesionario Canon

Complete this card at time of sale. A remplir au moment de l'achat Llense esta tarjeta en el momento de la venta.

PRESENT OWNERSHIP AND PRODUCTS INTERESTED IN
Articles déjà en possession ou jugés dignes d'intérêt
Productos en posesión y que le interesan

Table with columns for CAMERA, INTERCHANGEABLE LENS, and OTHER ACCESSORIES, with sub-columns for OWN and INTERESTED IN.

CT5-7728-005 PRINTED IN CHINA

Form for customer information including MODEL (SPEEDLITE 430EX II), SERIAL NO., CUSTOMER name, ADDRESS, CITY/STATE, and ZIP.

CANON INTERNATIONAL WARRANTY Canon

CANON U.S.A., INC. CANON CANADA, INC. CANON U.K.RCC CANON AUSTRALIA PTY LTD. CANON NEW ZEALAND LTD. CANON SALES CO. JAPAN CANON LATIN AMERICA, INC. CANON MEXICANA

Form for name, address, and province information.

Form for model (SPEEDLITE 430EX II), purchase date, and dealer information.

Canon LIMITED WARRANTY

The Limited Warranty set forth below is given by CANON COMPANY listed below with respect to Canon Photographic Products purchased in the United States, Canada, Australia, the United Kingdom, New Zealand, Mexico or Japan.

Canon GARANTIE LIMITEE

La garantie internationale décrite ci-dessous est accordée par la société CANON à l'égard des produits de photographie Canon achetés aux Etats-Unis, au Canada, en Australie, au Royaume-Uni, en Nouvelle Zélande, au Mexique ou au Japon.

Canon GARANTIA LIMITADA

La garantía limitada establecida a continuación es otorgada por las empresas CANON COMPANY indicadas en la lista de abajo, para los productos fotográficos Canon comprados en los Estados Unidos, Canadá, Australia, Reino Unido, Nueva Zelanda, México o Japón.

Canon Australia Pty. Ltd. 1 Thomas Holt Drive, North Ryde, Sydney N.S.W.2113, Australia
Canon Canada, Inc. 6390 Dine Road, Mississauga, Ontario, L5T 1P7 Canada
Canon New Zealand Ltd. Akoranga Business Park, Akoranga Drive, Northcote, Auckland, New Zealand

INTERNATIONAL SERVICE NETWORK

CANON PHOTOGRAPHIC PRODUCTS
INTERNATIONAL SERVICE NETWORK

キヤノンカメラ国際サービス網

ご購入いただいたキヤノン製品の修理は、下記キヤノン修理相談窓口にてお受けしております。国際保証書（上記Canon International Warranty Systemのシンボルマーク）付の製品は、購入された国や海外でも、マークの付いた修理窓口にて保証内修理をお受けになります。

- ・修理内容によっては、部品を特別に注文しなければならず、通常よりも日数がかかる場合もあります。
- ・都合により記載内容を変更する場合があります。
- ・当リストに無いサービス拠点の問い合わせは各地域の修理窓口へお問い合わせをお願いします。

Canon Photographic Product International Service Network

Service of your Canon product will be provided at any of the listed authorized service facilities. Warranty service of products with international Warranty certificate (with the symbol © for Canon International Warranty System indicated above) will be provided at the listed service facilities marked ® in areas other than the country or region where the product was purchased. You must present your warranty certificate when requesting repairs during the warranty period. If no certificate is presented, or if the warranty does not bear the place and date of purchase, you will be charged the cost of the repairs.

- Some types of repair may require that parts be ordered specially. In this event, the repairs may take longer than usual.
- The contents of this document are subject to change without notice.

CANON 照相机国际服务网

凡列名委托的任何服务单位都能为您的 Canon 佳能产品提供服务的。在购买产品的国家或地区以外的地区而标有 © 标记的列名服务单位即能提供附带有国际保证书（带有上面所指 Canon 佳能国际保证系统用的标记 ®）的 Canon 佳能产品的保证服务。在保证期间内，当您送修产品时，一定要出示您的保证书。如不出示保证书，或保证书未记载购买产品的商店和日期时，便须付一切修理费用。

- 某些型号产品的修理可能必须特别订购零件。因此，可能需要较长的修理期间。
- 本文件内容有所变更时，恕不另行奉告。

CANON 照相机國際服務網

凡列名委託的任何服務單位都能為您的 Canon 佳能產品提供服務的。在購買產品的國家或地區以外的地區而標識有 © 標記的列名服務單位即能提供附帶國際保證書（帶有上面所指 Canon 佳能國際保證系統用的標記 ®）的 Canon 佳能產品的保證服務。在保證期間內，當您要修產品時，一定要出示您的保證書。如不出示保證書，或保證書未記載購買產品的商店和日期時，便須付一切修理費用。

- 某些型式的修理可能必須特別訂購零件。因此，可能需要較長的修理期間。
- 本文件內容有所變更時，恕不另行奉告。

*** — Country & Area Code
① CANON MARKETING JAPAN INC. <http://canon.jp>
Phone: (81) 03-3455-9353
*For service center location, please contact the phone number above.

① CANON HONGKONG CO. LTD. - Domestic Sales Office
11/F Otterrise Square, 26 Nathan Road, Tsim Sha Tsui Kowloon, Hong Kong
Phone: (852) 2170-2888
Fax: (852) 2428-3963
② Canon Marketing (Malaysia) Sdn. Bhd.
Block D, Peremba Square, Saujana Resort, Section U2, 40150 Shah Alam, Selangor Darul Ehsan Malaysia
Phone: (60) 03-7845-0055
Fax: (60) 03-7844-6044

① Canon Marketing (Philippines) Inc.
Marvin Plaza Building, 2153 Don Chino Roces Ave. Makati City, Metro Manila
Phone: (63) 02-812-6047
Fax: (63) 02-812-0667
② Canon Singapore Pte. Ltd.
1 HarbourFront Avenue #04-01 Keppel Bay Tower Singapore 098632
Phone: (65) 6799-8882
Fax: (65) 6799-8882
③ Rainbow Photo & Image Equipment Co. Ltd.
No. 20 Ching Road, Taipei 10424, Taiwan
Phone: (886) 02-2571-1166
Fax: (886) 02-2537-1169

① Canon Marketing (Thailand) Co.Ltd
10th Floor, Bangkok City Tower, 179/34-45 South Sathorn Road, Bangkok 10120
Phone: (66) 02-344-9999
Fax: (66) 02-344-9910

① CANON U.S.A., INC. <http://www.usa.canon.com>
Phone: 1-800-828-4040
*Within US only
*For service center location, please visit our website or contact the phone number above.

① CANON CANADA INC., <http://www.canon.ca>
Phone: 1-800-828-4040
*Within Canada only
*For service center location, please visit our website or contact the phone number above.

① CANON LATIN AMERICA, INC. <http://www.canonlatinamerica.com>
Phone: 1-305-260-7400
*For service center location, please visit our website or contact the phone number above.

① CANON MEXICANA, S.DE R.L. DE C.V.
Manuel Avila Camacho No. 138, PB y pisos 15, 16 y 17 Col. Lomas de Chapultepec Delegacion Miguel Hidalgo, C.P. 11000 Mexico, D.F.
Phone: (52) 052-494-905
Fax: (52) 052-494-944
*For service center location, please contact the phone number above or send an e-mail to: canonmx_soport@csa.canon.com

① CANON EUROPA N.V. <http://www.support.canon-europe.com>
P.O. Box 2262, Bovenkerkerweg 59-61 1180 EG Amstelveen, The Netherlands
Phone: (31) 020-545-8545
Fax: (31) 020-545-8211
*For general inquiry only. For repair, please contact one of service center listed below.
*Within Local only for non-Country & Area Code No.

① Canon Ges.m.b.H. <http://www.canon.at> Phone: 0810-081009
① Canon Belgium N.V. / S.A. <http://www.canon.be> Phone: 070-300-012
① Canon Denmark <http://www.canon.dk> Phone: 70-2055-15
① Canon Oy <http://www.canon.fi> Phone: 020-366-466
① Canon France Regional Competence Center <http://www.canon.fr> Phone: 0825-002-923
① Canon Germany Regional Competence Center <http://www.canon.de> Phone: 0180-500-6022
① Interevs SA <http://www.interevs.gr> Phone: (30) 0210-955-4000
① Beco ehf <http://www.canon.is> Phone: (354) 533-3141
① Canon Ireland Ltd. <http://www.canon.ie> Phone: (353) 01890-200-563
① Canon Italy Regional Competence Center <http://www.canon.it> Phone: 848-800-519
① Canon Luxembourg S.A. <http://www.canon.lu> Phone: 27-302-354
① Canon Nederland N.V. <http://www.canon.nl> Phone: 0900-202-2915
① Canon Norge A/S <http://www.canon.no> Phone: 235-00143
① SEQUE S.A. <http://www.canon.pt> Phone: (351) 021-3242830
① SA AUDIO VIDEO Servis <http://www.3a-servis.si> Phone: (386) 01-5461000
① Canon España, S.A. <http://www.3a-servis.es> Phone: (34) 91-9090012

Weltweites Kundendienstnetz für Canon Kameras

Ihr Canon Produkt wird bei jeder der aufgelisteten autorisierten Kundendienststellen gewartet und repariert. Garantieleistungen für Produkte mit der Internationalen Garantiekarte (gekennzeichnet mit dem Symbol ® für das internationale Canon Garantiesystem) erhalten Sie in anderen Gebieten als dem Land oder der Region, wo das Produkt gekauft wurde, bei den in der Liste mit ® gekennzeichneten Kundendienststellen. Wenn Sie das Produkt während der Garantiezeit zur Reparatur geben, müssen Sie Ihre Garantiekarte vorlegen. Wenn Sie keine Garantiekarte vorlegen oder wenn die Garantiekarte nicht den Ort und das Datum des Kaufs trägt, werden Ihnen die Kosten der Reparatur in Rechnung gestellt.

- Einige Arten von Reparaturen können die Bestellung spezieller Teile erfordern. In diesem Fall kann die Reparatur länger als normal dauern.
- Änderungen des Inhalts dieses Dokuments sind ohne Vorankündigung vorbehalten.

Réseau International des Services Canon Appareil-Photo

Votre appareil Canon pourra être réparé dans un des centres de service après-vente agréés indiqués dans la liste ci-dessous. Il sera réparé sous garantie contre présentation du Certificat de Garantie (avec la marque ® du Système de Garantie Internationale Canon) dans les centres de service après-vente indiqués par la marque ® dans les pays ou régions autres que celui où le produit a été acheté. Vous devrez présenter votre certificat de garantie pour toute demande de réparation pendant la période de validité de la garantie. Toutefois, les réparations seront à vos frais si vous ne présentez pas votre garantie ou si elle ne comporte ni l'adresse du revendeur ni la date d'achat du produit.

- Certaines réparations peuvent nécessiter des commandes de pièces spéciales. Dans ce cas, elles peuvent durer plus longtemps que prévu.
- Le contenu de ce document peut faire l'objet de modifications sans préavis.

Rele Di Assistenza Internazionale Per Fotocamere Canon

L'assistenza in garanzia di prodotti con certificato di garanzia internazionale (con il simbolo ® per il sistema di garanzia internazionale Canon sopra indicato) sarà fornita presso i centri di assistenza riportati nella lista contrassegnati da ® in aree diverse dal paese o dalla regione in cui è stato acquistato il prodotto. È necessario presentare il certificato di garanzia di cui si è in possesso quando si richiedono prestazioni di assistenza durante il periodo di validità della garanzia. Se non si presenta il certificato, o se la garanzia non reca le indicazioni del luogo e della data di acquisto, la riparazione sarà a pagamento.

- Per alcuni tipi di riparazione può essere necessario ordinare a parte i pezzi di ricambio. In questo caso, la riparazione richiederà più tempo del normale.
- Il contenuto di questo documento è soggetto a modifiche senza preavviso.

Sistema Internacional de Servicio de Cámaras Fotográficas Canon

El servicio de su producto Canon será proporcionado por cualquiera de las instalaciones de servicio autorizadas mencionadas en la lista. El servicio de garantía de los productos con certificado de Garantía Internacional (con el símbolo ® del Sistema de Garantía Internacional de Canon indicado arriba) será proporcionado por las instalaciones de servicio que figuran en la lista con la marca ®, en otras áreas distintas del país o de la región donde se adquirió el producto. Cualquier solicitud de reparación durante el periodo de garantía se realizará al presentar el certificado de garantía debidamente llenado incluyendo el lugar y la fecha de compra, en caso de no ser así la reparación será con cargo al cliente.

- Algunos tipos de reparaciones podrían requerir un pedido especial de repuestos. En tal caso, las reparaciones podrían demorar más de lo habitual.
- Los contenidos de este documento se encuentran sujetos a cambios sin previo aviso.

① Canon Nordic Regional Competence Center <http://www.canon.se> Phone: 08-51992369
① Canon Schweiz AG <http://www.canon.ch> Phone: 0848-833-838
① Canon UK Regional Competence Center <http://www.canon.co.uk> Phone: 08-705-143723
① Canon CZ S.R.O. 160 00 Praha 6 Phone: (420) 02-25280-111
① AWI service Miesoskova 1, 130 00 Praha 3 Phone: (420) 02-22721-525
① Camera Kit Somogy 1, Béta u. 10, 1085 Budapest Phone: (36) 01-2668008
① Canon Polska Sp.Z.O.O. <http://www.canon.pl> Phone: (48) 022-572-30-00
① CSI Foto Video ul. Zytmia 15, 01-014 Warszawa Phone: (48) 022-862-41-38
① Pro Laka Radlinského 26, 811 07 Bratislava Phone: (421) 02-5441-4880
① NT, Kakyojanni/Paroutis Electronics Ltd. 115 Omonias Avenue Paroutis Building, 3045 Limassol Phone: (357) 25-384306
① Aphonar Co. Ltd. 127, South Sohrevardi Avenue Phone: (98) 021-8752442
① Karat Israel Ltd. P.O. Box 1165/1167, Tehran Phone: (972) 03-8888525
① AlQuraishi Leisure Services 50 Anietivich St. Tel Aviv 67060 Phone: (966) 02-6970779
P.O. Box 1796, Jeddah 21441 Phone: (966) 02-5970552

① Canon South Africa. P.O. Box 1782 Halfway House 1685 Johannesburg Phone: (27) 011-2667162

① CANON AUSTRALIA PTY. LTD. <http://www.canon.com.au>
Phone: 13-13-83*
*Within Australia only
Fax: (61) 02-9888-3314
*For service center location, please contact the phone number above.

① Canon New Zealand Ltd. Phone: (64) 09-489-0470
Akoranga Business Park, Akoranga Drive Northcote, Auckland, New Zealand

① Interhouse Company Phone: (673) 02-653001
No.5 & 6, Bunut Jaya Complex, Simpang 574, Km 7 1/4, Jalan Tutong, Bandar Seri Begawan 2690, Brunei Darussalam
① Royal Cambodia Co., Ltd. Phone: (855) 023-428955
437 Preah Monivong Boulevard, Phnom Penh, Kingdom of Cambodia Fax: (855) 023-722961
① Canon(China)Co., Ltd. Phone: (86) 10-9517-7178
15F Jinbao Building No. 89 Jinbao Street, Dongcheng District, Beijing 100005, China
① Canon India Pte. Ltd. Phone: (91) 012-45160000
No.35 Braybrooke Place, Bandra Phase III Gurgaon-122 002, Haryana, India Fax: (91) 012-45160011
① Canon Korea Consumer Imaging Inc. Canon Support Center Phone: (82) 02-2017-8600
2F Samwan Artusbeau III, 209 Nonhyun 2 Dong, Kangnam-gu, Seoul Fax: (82) 02-2017-8736
① Accel International Co., Ltd. Phone: (95) 01-202-092
Level 6, FJ.V Commercial Centre, 422-426 Strand Road, Botatung, Tainan-shi, Yangon Fax: (95) 01-202-079
① Global Systems Phone: (92) 021-438-9581
39-C/1, Block-6, P.E.C.H.S. Off. Shahrah-e- Faisal, behind Jason Trade Centre, Karachi 75400 Fax: (92) 021-438-9589
① Homebase(Pvt.)Limited Phone: (94) 01-12437797
No.85 Braybrooke Place, Colombo 02, Sri Lanka Fax: (94) 01-12448990
① Primag International Inc. Phone: (977) 01-422-4079
3rd Floor, Maitry Bhavan, New Road, Kathmandu, Nepal Fax: (977) 01-422-9358
① Homebase(Pvt.)Limited Phone: (977) 01-422-9358
Jl. Angkasa no 18 BD.Jakarta, Indonesia Fax: (62) 021-424-4204
Fax: (62) 021-424-7017

① Canon Representative Office Phone: (7) 095-258600
Cosmodamianskaya nab. 52, Building 3, 5th Floor 113054 Moscow, Russia
① P. Cutajar Phone: (356) 448466
① Naser Mohammed, Al Sayer Comm.Co. Phone: (965) 2-44810315
P.O. Box 574 Safat 13008 Phone: (968) 708153
① GENETCO Phone: (971) 04-3534168
P.O.Box 284 Dubai
① Khory Electronics Phone: (961) 01-582-000
① Image System-east <http://www.canon.ee> Phone: (372) 630-0530
460 Corniche Al-Nahr, Beirut
① Canon North-East Oy <http://www.canon.lv> Phone: (371) 720-4444
① Canon North-East Oy <http://www.canon.lt> Phone: (370) 8700-555-78