

Nikon



A collection of example photos

SB-5000

This guide introduces various SB-5000 flash techniques and example photos

NIKON CORPORATION

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1

Bounce flash

Bounce flash is a technique in which you aim the flash head upward and reflect light off the ceiling. Diffusing the light makes the lighting softer, allowing the details of the hair to come out clearly, and the photo looks more natural.

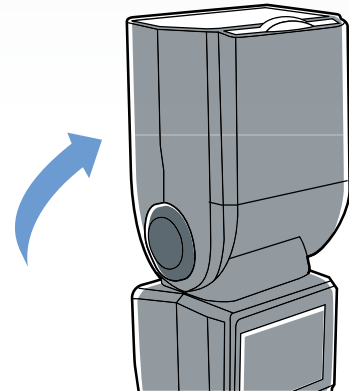


Exposure mode: Programmed auto
Shutter speed: 1/30 s
Aperture: f/5
ISO sensitivity: 200
Flash mode: i-TTL balanced fill-flash

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Without Speedlight



Aim the flash head upward



Take the photo while bouncing the light off the ceiling. Use the built-in wide panel to diffuse the light a little more, and use the built-in bounce card to add some highlight to the pupils.

This will give your photo a clear, life-like expression.

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2

Daylight flash

This technique lets you photograph backlit subjects with appropriate brightness. When using it with auto FP high-speed sync, you can also use a wider aperture to blur the background.



Exposure mode: Manual

Shutter speed: 1/2500 s (auto FP high-speed sync)

Aperture: f/2.8

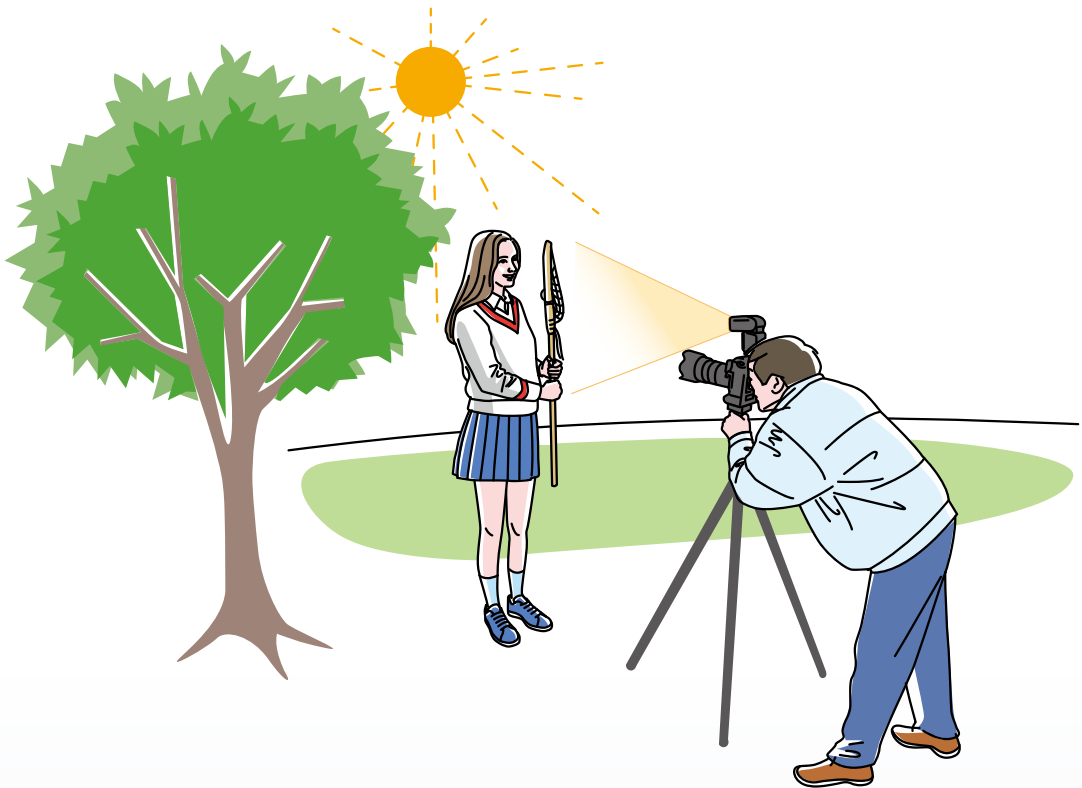
ISO sensitivity: 100

Flash mode: M x 1/4

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Without Speedlight



Set the camera exposure mode to M or A, and take the photo with the aperture setting you like.

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Advanced Wireless Lighting

Off-camera flash photography

With this technique, you use the Speedlight off-camera and throw light from the angle or position you like. When you throw light from the side, for example, you can emphasize contrasts between light and shadow.

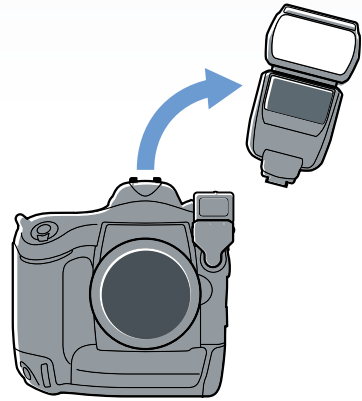


Exposure mode: Programmed auto, -0.3 EV
Shutter speed: 1/30 s
Aperture: f/5
ISO sensitivity: 200
Remote flash unit group A: TTL
Exposure compensation: For background only

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With the Speedlight attached to the camera
(Throwing light from the front of the subject)



Using the Speedlight off-camera
(Set to remote mode)



Shooting via radio control.
See page 13 for more about Advanced Wireless Lighting.

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Advanced Wireless Lighting

Wireless multiple flash-unit photography

Use of multiple Speedlight units lets you combine effects such as brightening the front of the subject, accentuating outlines, or softening shadows.



Exposure mode: Programmed auto, -1.0 EV

Shutter speed: $1/4$ s

Aperture: $f/4.8$

ISO sensitivity: 200

Master flash unit: TTL, -0.7 EV (Nikon Diffusion Dome attached)

Remote flash unit group A: TTL, $+2.7$ EV

Exposure compensation: For background only

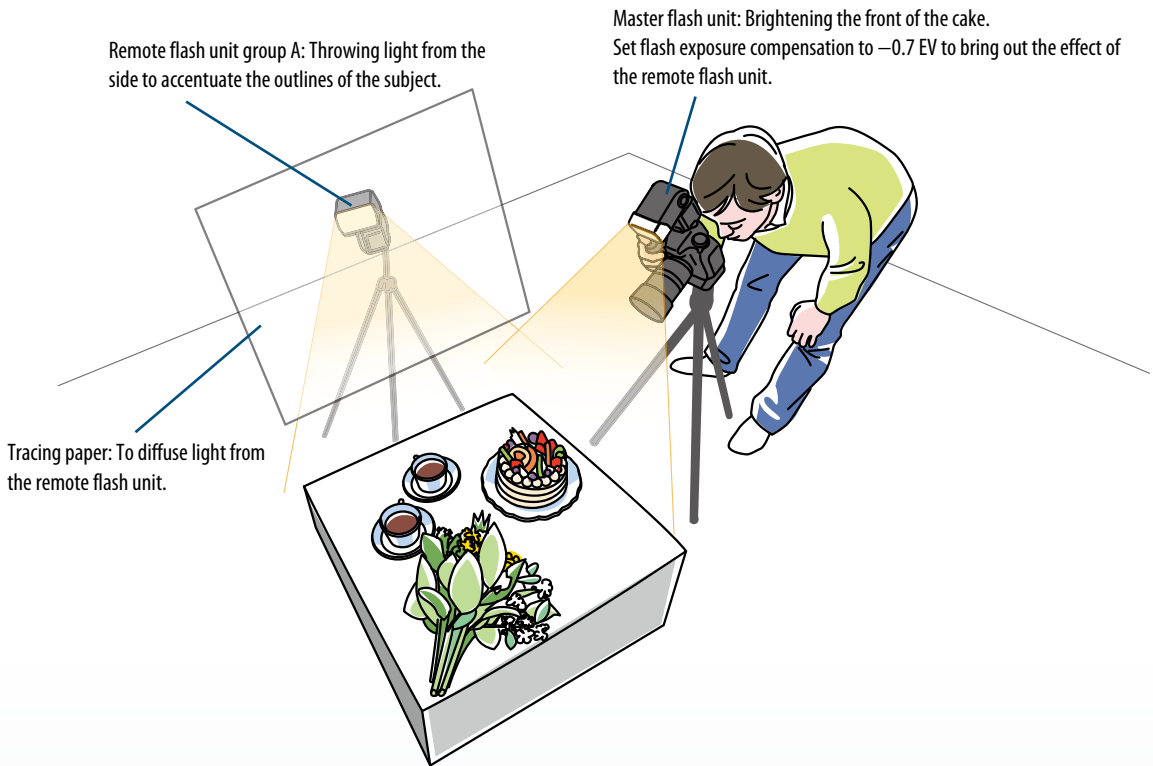
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Using a single Speedlight unit
(Attached to the camera, throwing light from the front of the subject)



Without Speedlight



Shooting via radio control.
See page 13 for more about Advanced Wireless Lighting.

5

Advanced Wireless Lighting

Wireless multiple flash-unit photography using radio control

Wireless multiple flash-unit photography using radio control lets you operate remote flash units even if there is an obstacle, e.g., brightening the background behind the wall.



Exposure mode: Programmed auto

Shutter speed: 1/1250 s (auto FP high-speed sync)

Aperture: f/4

ISO sensitivity: 100

Master flash unit: TTL (using built-in wide panel)

Remote flash unit group A: M x 1/1

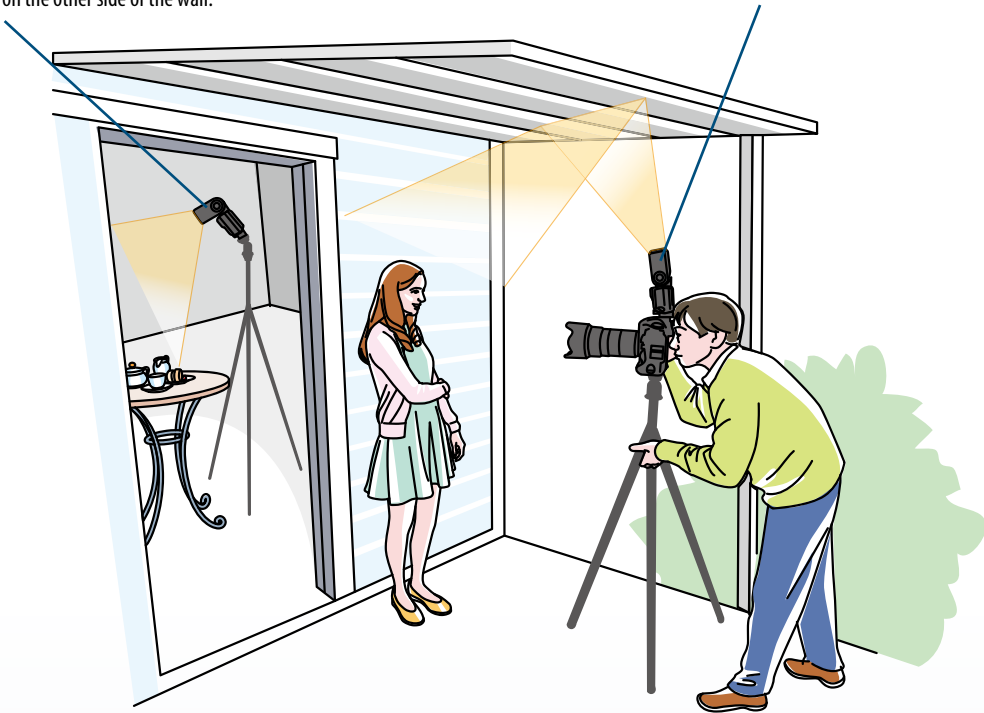
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Shooting via optical control
(Since a remote flash unit placed on the other side of a wall cannot be operated via optical control, the inside of the room is dark in the photo.)

Remote flash unit group A: To brighten the interior of a room.
Radio control is used to operate the Speedlight on the other side of the wall.

Master flash unit: To brighten the subject.
Use soft light produced by bounce flash.



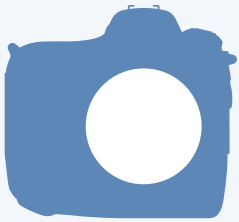
Shooting via radio control.
See page 13 for more about Advanced Wireless Lighting.

About Advanced Wireless Lighting

Advanced Wireless Lighting is possible with the following combinations:

Using radio control

Camera^{*1}



**D5
D500**

Master flash unit^{*2}



SB-5000

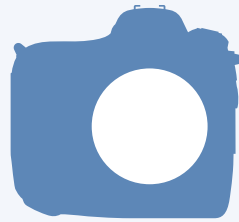
Remote flash unit



SB-5000

Using optical control

Camera



**Camera
compatible with
Nikon Creative
Lighting System
(CLS)**

Master flash unit^{*3}



**SB-5000
SB-910
SB-700
SB-500^{*4}**

Remote flash unit



**SB-5000
SB-910
SB-700
SB-500**

^{*1} Wireless Remote Controller WR-R10 (firmware ver. 3.00 or later) and WR adapter WR-A10 are required (both optional).

^{*2} It is also possible to make Speedlight settings on the camera without using the master flash unit.

^{*3} When using a camera with commander (CMD) mode for the built-in flash, Speedlight settings can be made on the camera without using the master flash unit.

^{*4} A camera with commander (CMD) mode for an external flash unit is required when using the SB-500 as the master flash unit.

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Using optical control and radio control concurrently

Camera*5



D5
D500

When using optical control and radio control concurrently, settings for remote flash units (radio control) in groups D, E and F can be made on the camera.

Optical control master flash unit



SB-910
SB-700
SB-500*6

Remote flash units in groups A, B and C can be operated from the optical control master flash unit attached to the camera.

Remote flash unit

Groups A, B, C (optical control)



SB-5000
SB-910
SB-700
SB-500*7

Groups D, E, F (radio control)



SB-5000

*5 Wireless Remote Controller WR-R10 (firmware ver. 3.00 or later) and WR adapter WR-A10 are required (both optional).

*6 Settings can only be made for remote flash units in groups A and B, when the SB-500 is used as the master flash unit.

*7 The SB-500 can only be used in groups A and B as a remote flash unit.

