

Speedlights (External Flash Unit)

With this camera, various features are available in combination with the Speedlight (external flash) supported by the Nikon Creative Lighting System (CLS) (88). Use the Speedlight when the built-in flash cannot provide sufficient lighting.

The following Speedlights and Wireless Speedlight Commander can be used for the camera.

Speedlights	SB-910, SB-900, SB-800, SB-700, SB-600, SB-400, SB-R200*
Wireless Speedlight Commander	SU-800

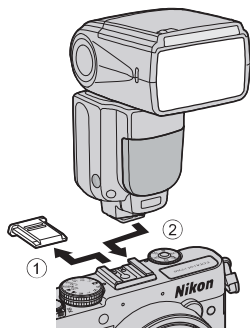
* Speedlight used for remote flash. Attachment Ring SX-1 cannot be mounted on this camera. To use the SB-R200, it must be attached to the Speedlight Stand AS-20.

See our latest product catalogs or websites for up-to-date information on Speedlights that can be used for the COOLPIX P7700.

The built-in flash is set to  (off) automatically when using Speedlights or Wireless Speedlight Commander. While  is displayed on the monitor screen, the Speedlight flash mode is also displayed on the monitor, and it can be set with the same procedure as the built-in flash (56).

How to Attach the Speedlight

- Remove the accessory shoe cover before attaching the Speedlight or Wireless Speedlight Commander as shown on the right (1).
- When the built-in flash is raised, gently push to lower the flash until it clicks shut.
- Refer to the instruction manual of your Speedlight for more information on how to attach the Speedlight and details on how to use it.
- Attach the accessory shoe cover when the Speedlight is not in use.



Note on External Flash

Attempting to attach external flashes that do not support this camera may damage the camera and the external flash.

Speedlights (External Flash Unit)

Use Only Nikon Flash Accessories

Use only Nikon Speedlights. Negative voltages or voltages over 250 V applied to the accessory shoe could not only prevent normal operation, but damage the sync circuitry of the camera or flash.

Features That Can Be Used in Combination With the Speedlight

- SB-910, SB-900, SB-800, SB-700 or SB-600

			CLS compatible Speedlight			
			SB-910 SB-900	SB-800	SB-700	SB-600
Single flash unit	i-TTL	i-TTL-BL flash ¹	✓	✓	✓	✓
		Standard i-TTL flash	✓ ³	✓ ³	✓	✓ ³
	AA	Auto aperture flash	✓ ⁴	✓ ⁴	–	–
	A	Non-TTL auto flash	✓ ⁴	✓ ⁴	–	–
	GN	Distance priority manual flash	✓	✓	✓	–
	M	Manual flash	✓	✓	✓	✓
	RPT	Repeating flash	✓	✓	–	–
Advanced wireless lighting (AWL)	Master flash unit	Instruction to flash unit ²	✓	✓	✓	–
		i-TTL	✓	✓	✓	–
		AA	✓	✓	–	–
		M	✓	✓	✓	–
		RPT	✓	✓	–	–
	Remote flash unit	i-TTL	✓	✓	✓	✓
		AA	✓	✓	–	–
		M	✓	✓	✓	✓
		RPT	✓	✓	✓	✓
	Transmission of flash color temperature information		✓	✓	✓	✓
	Flash mode setting from camera		–	–	–	–

¹ Not available when metering mode is set to **Spot**.

² The remote flash unit can control Group A only.

³ Can also be set on the Speedlight.

⁴ The selection of AA mode and A mode is performed using the custom setting for the Speedlight.

- SU-800, SB-400 or SB-R200

			CLS compatible Speedlight		
			SU-800	SB-400	SB-R200
Single flash unit	i-TTL	i-TTL-BL flash ¹	–	✓	–
		Standard i-TTL flash	–	✓	–
	AA	Auto aperture flash	–	–	–
	A	Non-TTL auto flash	–	–	–
	GN	Distance priority manual flash	–	–	–
	M	Manual flash	–	✓ ³	–
	RPT	Repeating flash	–	–	–
Advanced wireless lighting (AWL)	Master flash unit	Instruction to flash unit ²	✓	–	–
		i-TTL	–	–	–
		AA	–	–	–
		M	–	–	–
		RPT	–	–	–
	Remote flash unit	i-TTL	–	–	✓
		AA	–	–	–
		M	–	–	✓
		RPT	–	–	–
	Transmission of flash color temperature information		–	✓	–
	Flash mode setting from camera		–	✓	–

¹ Not available when metering mode is set to **Spot**.

² The remote flash unit can control Group A only.

³ This setting can be made using the flash mode (56) of this camera. When **M** (manual) is set, the flash is forcibly fired at the flash output that was set. If other flash mode is set, i-TTL Flash is enabled.

Notes on i-TTL Flash

- The monitor pre-flashes are fired to measure the reflecting light from a subject in order to adjust the flash output of the Speedlight.
- When shooting using i-TTL-BL flash, the flash output is adjusted with consideration for the balance between a subject and its background light.
- When shooting using Standard i-TTL flash, the flash output is adjusted to achieve the standard exposure value for the main subject without consideration for the background light. This setting is optimal for taking pictures with emphasis on the main subjects.
- When shooting using i-TTL flash, set the flash control mode of the Speedlight to i-TTL before taking pictures (except SB-400).
- When shooting using SB-700 or SB-400 and if **Metering** of the camera is set to **Matrix** or **Center-weighted**, i-TTL-BL flash is set. If **Metering** of the camera is set to **Spot**, Standard i-TTL flash is set.