

## Flash Modes

The flash modes listed on the previous page may combine one or more of the following settings, as shown by the flash mode icon:

- **AUTO (auto flash):** When lighting is poor or subject is back lit, flash pops up automatically when shutter-release button is pressed halfway and fires as required.
- **Red-eye reduction:** Use for portraits. Red-eye reduction lamp lights before flash fires, reducing "red-eye."
- **(off):** Flash does not fire even when lighting is poor or subject is back-lit.
- **SLOW (slow sync):** Shutter speed slows automatically to capture background lighting at night or under low light. Use to include background lighting in portraits.
- **REAR (rear-curtain sync):** Flash fires just before shutter closes, creating a stream of light behind moving light sources (below at right). If this icon is not displayed, flash will fire as the shutter opens (front-curtain sync; the effect this produces with moving light sources is shown below at left).






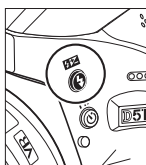
Front-curtain sync



Rear-curtain sync

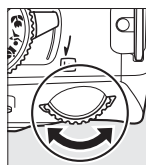
## Choosing a Flash Mode

The flash mode can also be selected by pressing the  button and rotating the command dial (in P, S, A, M, and  modes, raise the flash before using the  button to choose the flash mode).

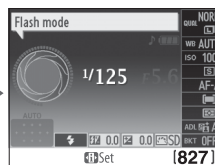


 button

+



Command dial



Information display








## The Built-in Flash

For information on the lenses that can be used with the built-in flash, see the *Reference Manual* (on CD). Remove lens hoods to prevent shadows. The flash has a minimum range of 0.6 m (2 ft.) and can not be used in the macro range of zoom lenses with a macro function.

The shutter release may be briefly disabled to protect the flash after it has been used for several consecutive shots. The flash can be used again after a short pause.

## Shutter Speeds Available with the Built-in Flash

Shutter speed is restricted to the following ranges when the built-in flash is used:

Mode	Shutter speed	Mode	Shutter speed
AUTO,  ,  ,  ,  , P, A	$1/200$ – $1/60$ s	S	$1/200$ –30 s
 , 	$1/200$ – $1/125$ s	M	$1/200$ –30 s, Bulb
	$1/200$ –1 s		