you can **Canon**

SPEEDLITE 580EX

The ultimate professional flash.





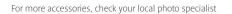
The powerful Speedlite 580EX is the key component of the integrated flash system for high-end analogue and digital-SLR EOS cameras. It provides full compatibility with the distance linked E-TTL II system found on recent EOS cameras, and is automatically adjusting to the latest camera sensor sizes.

- Advanced, powerful flash with maximum guide number of 58
- Short recycling time for fast continuous shooting
- AF Assist-beam suits all EOS AF systems
- Zoom alters automatically to match digital SLR sensor sizes*
- Color temperature data transferred with digital SLR cameras to optimize white balance settings
- Covers ultra wide-angle-up to 14mm
- E-TTL II flash metering for precise exposures
- High speed sync (FP flash) and flash exposure bracketing (FEB)
- Wireless, multi-speedlite control
- Manual flash can be set to one of 22 output levels
- Left-right 180° bounce allows camera rotation for portrait work
- New function select dial for improved operation



OFFICIAL SUPPLIER

ST-E2 Speedlite Transmitter CP-E3 Compact Battery Pack CPM-E3 Battery Magazine SB-E1 Speedlite Bracket



LCD panel Battery compartment Flash mode/ Slave setting button . High-speed sync (FP flash)/ Shutter curtain synchronization button LCD panel illumination/ Custom function setting button Zoom button/Wireless set button Pilot lamp/ Main switch Test firing button/ Wireless slave ON button Select Dial pack socket . Bracket fitting Flash exposure check button Select/Set button Locking collar Wireless selector

Specifications **Speedlite 580EX**

FLASH TYPE	Clip-on, E-TTL/TTL autoflash Speedlite with built-in zoom, bounce, AF-assist beam, and wireless function
COMPATIBLE CAMERAS	All EOS cameras (flash metering system may differ depending on the camera). E-TTL autoflash (Type-A cameras): enabled with all EOS cameras from the EOS 50/50E onward (except EOS 3000). E-TTL II autoflash will apply to EOS 20D, EOS 300X, EOS-1D Mark II, and EOS 30V Date/33V. TTL autoflash (Type-B cameras): enabled with all other EOS cameras
FLASH GUIDE NO. (AT ISO 100 IN M)	Zoom position Guide No. 14mm 15 24mm 28 28mm 30 35mm 36 50mm 42 70mm 50 80mm 53 105mm 58
FLASH COVERAGE	Auto Zoom, Manual Zoom, Wide panel
PICTURE SIZE ZOOM CONTROL	When the Speedlite is attached to an EOS camera (from EOS-1D Mark II onwards), the flash head will move to position to suit the camera's picture size (based on Full-size, H-Size, C-size picture)
BOUNCE FLASH	Vertical bounce: 0–90° upward, 0–7° downward Horizontal bounce: 0–180° to the left and right
FLASH MODES	1) Normal flash; 2) Quick flash; 3) High-speed sync (FP flash); 4) Stroboscopic flash: 41 flash frequency settings, 31 firing settings; 5) Test flash: With test firing button; 6) Modelling flash: Fired with the depth-of-field preview button of all Canon Digital SLR cameras (from EOS D30 onwards), and EOS-1V, 3, 30V Date/33V, 300X, 300V; 7) Manual
FLASH METERING CONTROL	1) Automatic 2) Manual compensation with the Speedlite 580EX; up to +/-3 stops in 1/3 or 1/2 - stop increments 3) Manual compensation with the camera
FEL (FLASH EXPOSURE LOCK)	Provided
FEB (FLASH EXPOSURE BRACKETING)	Up to +/-3 stops, in 1/2 or 1/3 stop increments
EXPOSURE CONFIRMATION	OK: Flash exposure confirmation lamp lights in green for 3 sec after the flash is fired Incorrect exposure: Lamp does not light

SHUTTER CURTAIN SYNCHRONIZATION	1st-curtain or 2nd-curtain synchronization can be set
FLASH DURATION	Normal flash: 1.2ms or shorter High-speed sync (FP flash): 2.55ms or shorter
COLOR TEMPERATURE INFORMATION TRANSMISSION	For optimal white balance the Speedlite automatically transmits the flash's color temperature information to compatible D-SLR cameras (from EOS-1D Mark II onwards)
FILM SPEEDS	ISO 6-6400 is set automatically by the camera; the effective flash range shifts according to the film speed
AF-ASSIST BEAM	Linked to 45, 9, 7, 3 or center AF-points, depending on the EOS camera in use
ILLUMINATED LCD DISPLAY	Turns on for 12 sec when the illumination button is pressed
WIRELESS TRANSMISSION SYSTEM	Optical pulse, between master and slave unit, including 4 channels. 3 slave groups possible
CUSTOM FUNCTIONS	14 user-settable Custom Functions available
POWER SOURCES	Internal power sources: 4 AA-size alkaline (6V) or Ni-MH (4.8V) External power sources: compact battery pack CP-E3, fits 8 AA-size alkaline (12V), Ni-MH (9.6V) or lithium (12V) batteries High voltage pack E315
CAMERA CONNECTIONS	1) Fixed: hot shoe with locking collar 2) PC terminal: Direct contacts 3) Dedicated, 3 pin, external power source socket
MODE MEMORY	Provided
DIMENSIONS (W x H x D)	76x134x114mm
WEIGHT (WITHOUT BATTERIES)	100g
ACCESSORIES	Soft case (included), compact battery pack CP-E3, Speedlite bracket SB-E1, Speedlite transmitter ST-E2, battery magazine CPM-E3, wired multi-Speedlite accessories (optional)
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