



# Clifton Cameras Product Specification

## Pentax AF-540 FGZ II AW Flashgun

### Specifications

Type	Clip-on, P-TTL auto zoom flash unit with series control
Guide No.	Maximum 54 (ISO 100/m).  In manual mode, nine-step adjustment from M1/1 to M1/256
Flash duration	(M1/1) flash: Approx. 1/1200 sec. (P-TTL) Fastest duration time: Approx. 1/20000 sec
Flash Coverage Angle	Auto zoom enabled with autofocus compatible camera and lens combination.
Color temperature	Daylight
Effective flash range	Approx. 0.8 m - 8.0 m (Guide No. 45, ISO 100, F/5.6)
AF spot beam	LED white beam emitted under low light or low-contrast conditions.  Effective range: Approx. 1m - 7m (According to our testing conditions.)
ISO range compatibility	ISO 25 - 1600
Flash modes	P-TTL auto, manual, multi, wireless (P-TTL/Manual)
Flash output compensation	In P-TTL mode, -4.0 to +2.0 levels (1/3, 1/2 step)
Flash output setting	Wireless flash (P-TTL): (1/1,2/3,1/2,1/3)  Manual flash (1/1,1/2,1/4,1/8,1/16,1/32,1/64,1/128,1/256)  Wireless flash (Manual): (1/1,1/2,1/4,1/8,1/16,1/32,1/64,1/128,1/256)  Multi flash: (1/1,1/2,1/4,1/8,1/16,1/32,1/64,1/128,1/256)  LED beam mode: (1/1,1/2,1/4,1/8,1/16)
Multi flash	Number of the flash : 2 - 100  Flash frequency : 1 - 200 Hz
Flash sync modes	Leading curtain sync, Trailing curtain sync, Contrast control sync, High-speed sync
Wireless flash	(Control system) Optical pulse transmission  (Wireless position) Master (M), Control (C), Slave (S)  (Channels) 1 to 4  Compatible modes: P-TTL, manual (M)



Effective range: Approx. 4 m (When set to SL1, According to our testing conditions.)

Vertical and horizontal bounce possible, click stops provided, lock provided at 0°.

Bounce flash Rightward: 0°, 30°, 60°, 90°, 120°, 150°, 180°

Leftward: 0°, 30°, 60°, 90°, 135°

Upward: 0°, 30°, 45°, 60°, 75°, 90°

Downward: 0°, -10°

Power saving Automatic power-off: After approx. 3 min. of non-operation with the power on.

After 1 hour in wireless mode.

Quick power on: By pressing the camera's shutter release button halfway.

Red-eye reduction Operates with autofocus cameras equipped with red-eye reduction feature.

Wide-angle panel Slide out manually to cover wide-angle.

LCD panel illumination LCD panel illumination button illuminates the LCD panel for about 10 seconds or press the button again to turn it off.

Power source Four AA batteries, (Alkaline (LR6), Nickel-Metal Hydride (Ni-MH), or Lithium (FR6))

Dimensions and weight 76 mm (W) × 113 mm (H) × 108 mm (T) (3.0" × 4.4" × 4.2")

Approx. 350 g (12.3 oz.) without batteries