



Olympus® FL-50 Dedicated Flash

The Olympus FL-50 is a powerful, intelligent flash designed as a seamless component of the most advanced digital SLR system ever created. Body, lens and flash, all developed from the ground up for digital photography, operate in unison to deliver the comprehensive control and consistent results required by the world's top photo professionals.

Olympus FL-50 Advantages

Abundant Power With a Guide Number of 50, the FL-50 provides impressive illumination to ensure rich, true color and accurate contrast in a variety of flash conditions.

Precise Control The FL-50 is flexible, with a variety of features that provide enough control to take advantage of any situation.

Integrated Functionality The FL-50 is the first flash with integrated FourThirds-specific controls, providing unmatched integration of camera, lens and flash.

Valuable Expandability With a variety of optional cables, grips and extended power options, the FL-50 is part of a complete flash system designed to provide total versatility.

The FL-50 delivers the extensive features and control required for high-quality flash photography.



FP flash modes provide flash synchronization at shutter speeds as fast as 1/4000 second.

Olympus FL-50 Flash

Stock No. 260101

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| Type | External electronic flash for digital still camera |
| Guide Number | Automatic switching from 50 at 85mm to 28 at 12mm (42mm to 24mm with 135 camera), 18/20 switching with wide panel Automatic switching |
| Firing Angle | At 12mm: Up-down 61°, Left-right 78° (equivalent to image angle of 12mm lens), At 42mm: Up-down 21°, Left-right 28° (equivalent to image angle of 42mm lens), At 8mm with wide panel: Up-down 83°, Left-right 101° (equivalent to image angle of 8mm lens) *All FourThirds system focal lengths |
| Flash Emission Period | Approx. 1/20000 sec. – 1/500 sec. (Variable according to light intensity) |
| Flash Emission Count | Approx. 120 times with alkaline batteries (at full activation) Approx. 280 times with LB-01 type lithium battery packs (Variable depending on shooting conditions) |
| Recharge Time | Approx. 6 seconds using AA alkaline or manganese batteries Approx. 4 seconds using LB-01 type lithium battery packs |

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| Flash Modes | TTL Auto, Auto, Manual, FP TTL Auto, FP Manual |
| Bounce Angles | Up 0 – 90°, Down 7°, Left 0 – 90°, Right 0 – 180° |
| Auto Power Off | Synchronizes with auto power off operation of cameras with communication capability |
| AF Illuminator | Automatic firing at low intensity, possible only when using a camera with communication capability |
| Power Supply | Internal: 4 x AA alkaline, 4 x AA NiCd, 4 x AA NiMH, 4 x AA manganese, 4 x AA lithium or 2 x LB-01 (CR-V3) lithium battery packs External (optional): SHV-1 Flash High-Voltage Set, FP-1 Flash Power Grip |
| Operating Environment | 32° – 104°F (0° – 40°C), 0 – 80% humidity |
| Dimensions | 5.2" W x 3.1" H x 4.0" D (133 x 78 x 102 mm) excluding projections |
| Weight | 13.3 oz (378 g) excluding batteries |

Power Options

| Battery | Recharge Time | Flash Cycles |
|------------------------------|---------------|--------------|
| SHV-1 Flash High-Voltage Set | 1.5 sec. | 200 |
| FP-1 Flash Power Grip | 4 sec. | 370 |
| CR-V3 lithium battery packs | 5 sec. | 280 |
| AA lithium | 5 sec. | 280 |
| AA NiMH | 5 sec. | 140 |
| AA NiCd | 7 sec. | 60 |
| AA alkaline | 7 sec. | 120 |
| AA manganese | 8 sec. | 50 |

All figures are approximate.



When connected to the optional SHV-1 Flash High-Voltage Set, the FL-50 will recharge between shots in just 1.5 seconds.



The FL-50 flash is an integral part of the Olympus E-System, the world's first 100-percent all-digital interchangeable lens SLR system. The Olympus E-System was designed to be digital from the ground up to provide professional photographers powerful advantages in image quality, camera and lens size, durability, and speed.