

T10 RING FLASH 1 & RING CROSS FILTER POL



Summary

- The T10 Ring Flash 1 screws into the front of the camera lens and links with the T Power Control 1 mounted to the camera, to provide shadowless lighting at extremely close camera distances.
- Especially designed for macro lenses: Macro 50mm F3.5¹⁾, Macro 80mm F4²⁾, and Macro 135mm F4.5²⁾.
 - 1) w/o Telescopic Auto Tube 65-116 or Auto Bellows
 - 2) w/ 65-116 or Auto Bellows

*TTL Auto is an exclusive OLYMPUS flash system in which the flash emission is measured off the film plane by the OM-2's TTL Direct (OTF) Light Measuring sensors, and the flash unit is controlled directly by the camera.

Main Characteristics

- This is the world's first TTL "OTF" AUTO* ring flash specially designed for close-up work and macrophotography.
- Compact and functional, it is ideally suited for medical, scientific and outdoor action photography.
- Guide number is 10 (ASA 100, m) or 33 (ASA 100, ft.) at peak.
- Eight electric bulbs are built into the flash surface to facilitate focusing and composition with dark subjects.
- With the aid of the optional Ring Cross Filter POL the ring flash reproduces glossy objects, minimizing undesirable directly reflected light (shells, human eyes, etc.).

Notes · Related Units

- T Power Control 1 (containing 4 AA batteries, booster, capacitor, etc.) operates in tandem with the T10.
- Having two threads, the T10 can be screwed into either 49mm ϕ or 55mm ϕ lenses. (35mm F2.8, 50mm F1.8, 50mm F1.4, 85mm F2, 100mm F2.8, 135mm F3.5 and 135mm F2.8). Picture edges may darken if close-up range is exceeded.
- Ring flash may cause red-eye effect in portraits.
- AC Adapter 3, exclusively for use with the T Power Control 1 and the T10 Ring Flash 1, will be optionally available shortly.

OLYMPUS

T10 Ring Flash 1
Stock NO. 107-013
Ring Cross Filter POL
Stock NO. 107-027

OM SYSTEM T10 RING FLASH 1 & RING CROSS FILTER POL



● **Filter Thread**

Accepts Ring Filter POL.

● **Spiral Cord**

Extendable from 0.3 to 0.6m.

● **Connecting Plug**

To plug into the terminal socket of T Power Control 1, align red index marks, press and rotate the plug fully clockwise.

● **Positioning Index (red)**

● **Illuminator ON/OFF Switch**

● **Illuminator Power Socket**

Accepts output plug of optional 6V Power Pack 2 or AC Adapter 3.

● **Flash Diffuser Window**

● **Illuminator (8 electric bulbs)**

For focusing and composition with dark objects.

● **Mounting Thread (49mmφ·55mmφ)**

Screws into front of lens.

● **Ring Cross Filter POL**

Outer polarizing filter (covering flash surface) is orientated at right angles to inner polarizing filter (covering camera lens).

● **Mounting Thread**

Fits into T10.

● Main Specifications (T Power Control 1 + T10 Ring Flash 1)

Type: Energy-saving series-circuit type TTL Centralized

Control (TTL "OTF" AUTO) (with manual capability).

Guide number: 10 (ASA 100, meters) or 33 (ASA 100, feet) at 1m flash-to-subject distance and full power flash.

Coverage angle: 80°

Recycling time: 0.2 ~ 10 sec. with AA Alkaline batteries on TTL AUTO (varies depending on flash-to-subject distance).

Flashes per set of AA alkaline batteries: 100 ~ 500 on TTL AUTO (varies depending on flash-to-subject distance).

Color temperature: 5,800° K.

Mounting on lens: 49mm/55mm filter thread mount provided on T10. T10 connects to power-control unit by bayonet mount via spiral cord.

Electrical contact with camera: ① Clip-on type with hot shoe and lock ② Bracket type with Power Bounce Grip 2, TTL Auto Cord and TTL Auto Connector. ③ Free type with TTL Auto Cord and TTL Auto

Connector.

Calculator: Reversible plate type—blank for OM-2 (TTL Auto/Manual) : calculator for OM-1, OM-10 and non-OM cameras for Manual flash.

TTL "OTF" AUTO (with OM-2N or OM-2): Aperture setting: Continuous, couples with aperture ring setting of camera lens.

SBC sensor acceptance angle: Matches view of camera lens.

TTL AUTO Check: Neon-flicker indication. Viewfinder indication contact provided.

Ready light check: Charge lamp and viewfinder indication contact.

MANUAL: Guide number: 10 (ASA 100, meters) or 33 (ASA 100, feet) on full power flash. Low-4 (ASA 100, meters) or 13 (ASA100, feet).

Aperture setting: In reference to calculator plate on which F numbers and magnification factors are graduated in accordance with ASA film speed.

TTL AUTO CORD socket: plug-in type with automatic lock.

External power socket: Plug-in type.

Termination of flash emission: Instantaneous.

With power switch off, the ring flash will not fire even when fully charged.

Power source: ① 1.5V "AA" battery × 4 (incl. Ni-Cd) inside T Power Control 1. ② 1.5V "C" battery × 4 (incl. Ni-Cd) inside Power Bounce Grip 2. ③ AC house current via Electronic Flash AC Adapter 3.

Illuminators: Eight electric bulbs are built into the front of ring flash unit. (Power source: 6V Power Pack 2 or AC Adapter 3).

Recommended macro lenses: Zuiko MC MACRO 135mm F4.5, MC 1:1 MACRO 80mm F4, MC MACRO 50mm F3.5.

Dimensions and weights: T Power Control 1-81 × 70 × 104mm (3.2" × 2.8" × 4.1"), 320g (11.3oz.) (less batteries) .
T10 Ring Flash 1-86φ × 18mm (3.1φ × 0.7"), 95g (3.4oz.)

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