

T POWER CONTROL 1



Summary

- Mounted to the accessory 'hot' shoe, this unit feeds power to the T10 Ring Flash 1.
- The ring light equipment extends the advantages of TTL "OTF" Auto flash to the fields of medical close-up and outdoor action macrophotography (OM-2N, OM-2).
- With the calculator panel positioned in reverse, Manual flash can also be achieved more easily than ever before (OM-1N, OM-1, OM-10 and non-OM cameras).

Main Characteristics

- Compact, lightweight and well-balanced construction.
- Guide number 10 (m) or 33 (ft.) at ASA 100, plus low output of GN 4 (ASA 100, m).
- TTL "OTF" Auto Ring Flash: Close-up and macro flashphotography can be made merely by pressing the shutter release. (No need to set ASA rating and aperture on the unit.) The charge/correct auto flash signal can be seen both in the viewfinder (OM-2N) and on the back of the unit.

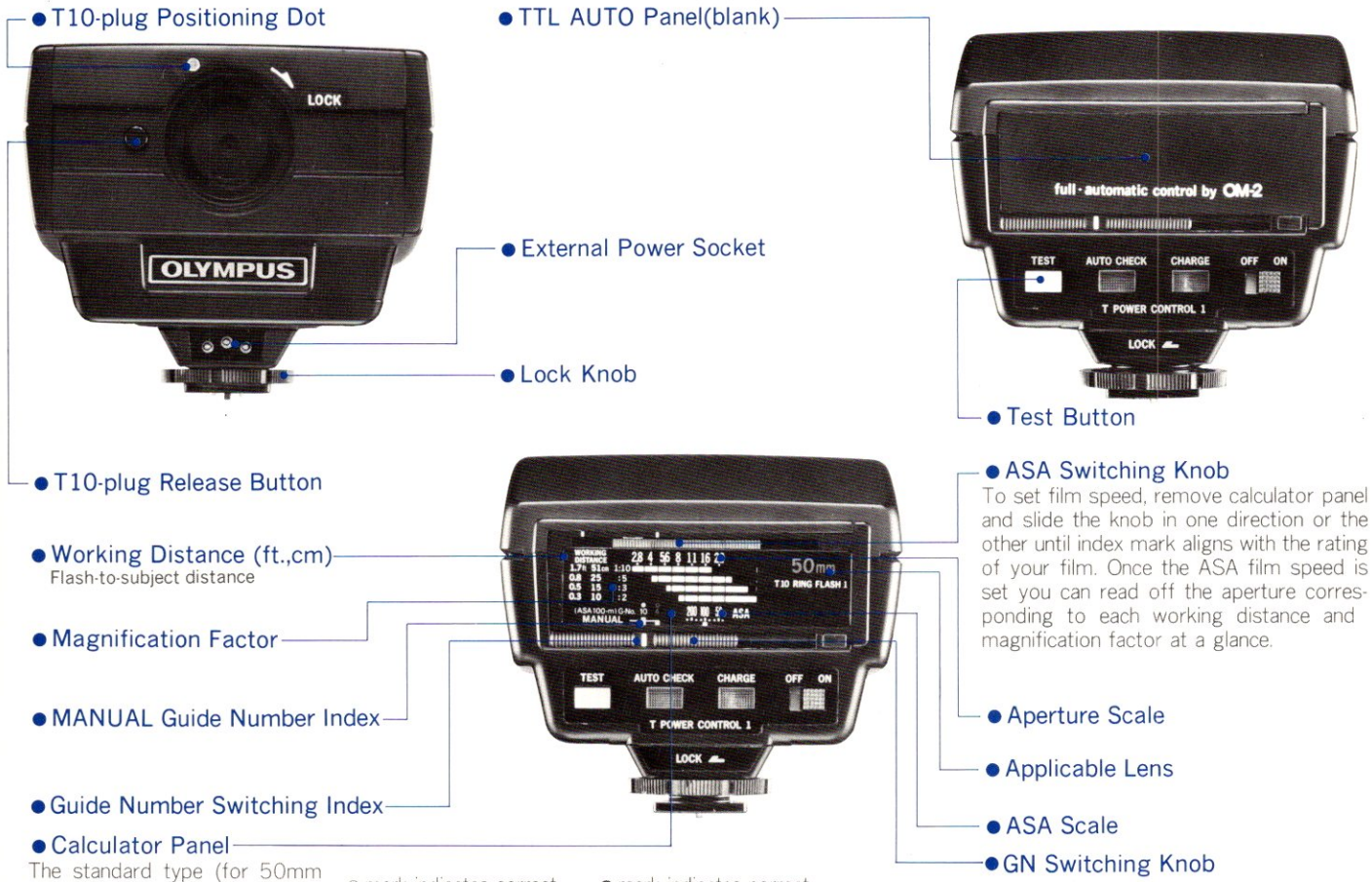
Notes • Related Units

- Standard calculator panel (for 50 mm lenses) comes equipped with the unit. Panels for the Macro 135 mm and the 1 : 1 Macro 80 mm are optionally available.
- Power sources : ① Self-contained: 4 1.5V AA-size batteries ② 4 1.5V size-C batteries inside Power Bounce Grip 2 ③ Electronic Flash AC Adapter 3.
- The ring flash equipment does not feature explosion-proof construction. Do not use in the presence of flammable gas.

OLYMPUS

Stock number(s) shown on next page

OM SYSTEM T POWER CONTROL 1

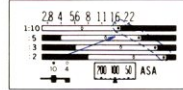
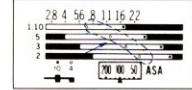


Calculator Panel
The standard type (for 50mm lenses) comes equipped with the T Power control 1.

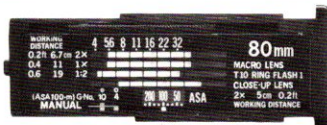
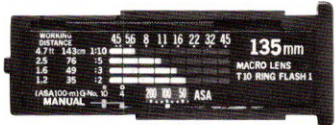
○ mark indicates correct F number at GN 4.

● mark indicates correct F number at GN 10

TTL AUTO Range*



* On TTL Auto mode with the OM-2 all F numbers indicated by the white segment can be used. It is recommended to use a greater F number.



for Macro 135mm lens

for Macro 80mm lens

● Main Specifications

- 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).
- Number of flashes:** 100-500 with AA Alkaline batteries 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.
- Exposure calculator:** Reversible plate type - blank for OM-2N (OM-2) for TTL Auto/Manual flash; calculator for OM-1N (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 (ASA 100, feet) Aperture Setting: In reference to calculator plate on which F numbers and magnification factors are gra-

- duced 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 x4 (incl. Ni-Cd) inside T Power Control 1. ② 1.5V "C" battery x4 (incl. Ni-Cd) inside Power Bounce Grip 2. ③ AC house current via Electronic Flash AC Adapter 3. ② and ③ are activated by on/off switch of power control unit.
- 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 135mm F4.5, 1:1 MC 80mm F4, and MC 50mm F3.5.
- Dimensions and weight:** 81×70×104mm (3.2"×2.8"×4.1"). 320g (11.3oz.) (less batteries).



- T Power Control 1**
Stock No. 107-023
- Calculator Panel 50mm MACRO**
Stock No. 107-050
- Calculator Panel 80mm MACRO**
Stock No. 107-051
- Calculator Panel 135mm MACRO**
Stock No. 107-052