

E

**OLYMPUS**



**M.18V  
CONTROL GRIP 1**  
■ OPERATING INSTRUCTIONS

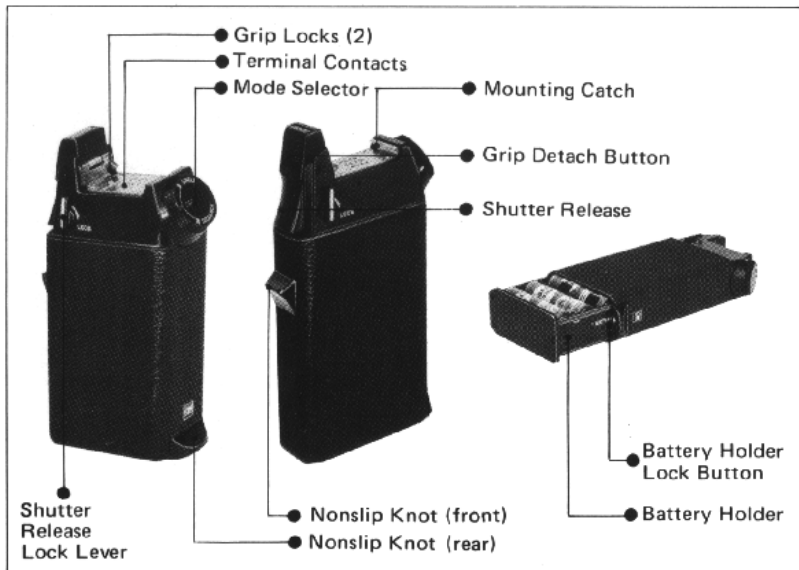


## MAIN SPECIFICATIONS/DESCRIPTION OF CONTROLS

The M. 18V Control Grip 1 comes equipped with an M. 18V Battery Holder 1 and provides the OM-1 or -2/ Motor Drive 1 combination with power from 12 AA (penlight) alkaline, manganese or NiCad rechargeable batteries.

### ■ MAIN SPECIFICATIONS

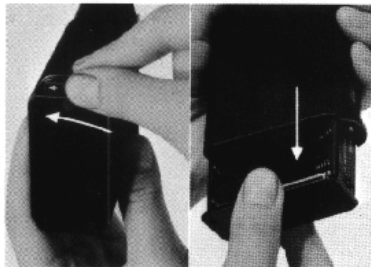
- **Type:** Grip-type power supply for Motor Drive 1
- **Batteries:** Twelve 1.5V AA Alkaline batteries (Eveready E91, Mallory MN 1500 or equivalent) or twelve 1.25V AA NiCad rechargeable batteries (Eveready CH500 or equivalent).
- **Voltage:** Alkaline and Manganese batteries — 18V; NiCad batteries — 15V.
- **Battery loading:** Magazine-type M. 18V Battery Holder 1 with built-in lock button and polarity protector.



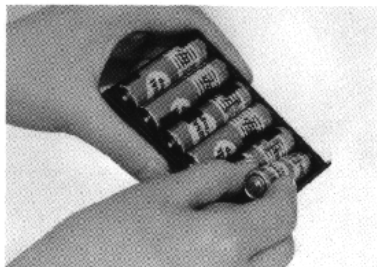
- **Mounting:** Snap-on type special mount; direct contact terminal; with Grip Detach Button.
- **Capacity:** Approximately 70 rolls of 36-exposure film with fresh superpower Manganese batteries.
- **Mode Selector:** Rotating dial type with "SINGLE", "SEQUENCE", and "OFF" click stop positions; solid-state

circuit for automatic film wind stop after last exposure.

- **Shutter release:** Large trigger-type with lock lever.
- **Dimensions:** 32 x 87 x 136mm (1-1/4" x 3-3/8" x 5-3/8")
- **Weight:** Body only — 130 gr. (4.6 oz.); M. 18V Battery Holder 1 — 30 gr. (1.1 oz.); batteries — 240 gr. (8.4 oz.)



① Slide the Battery Holder Lock Button on the bottom of the Control Grip in the direction of the arrow. The Battery Holder will spring out of the grip slightly for easy removal.

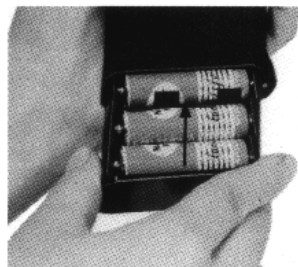


② Insert twelve 1.5V AA Alkaline batteries or twelve 1.25V AA NiCad batteries into the holder noting correct polarity: Minus terminal  $\ominus$  against spring; plus terminal  $\oplus$  against contact.

The batteries can easily be removed by applying your fingernail on the  $\oplus$  contact side.

**NOTE:** If you are not going to use the Control Grip unit for several weeks or if the batteries appear weak, remove the batteries. This is a "just-in-case" precaution in the event the batteries leak.

\* The M. 18V Battery Holder 1 is available in spare pieces; additional ones loaded with batteries will facilitate uninterrupted motor drive operation.



③ Insert the Battery Holder into the Control Grip until it snaps into place. The Battery Holder Lock Button will automatically reset itself to the lock position.

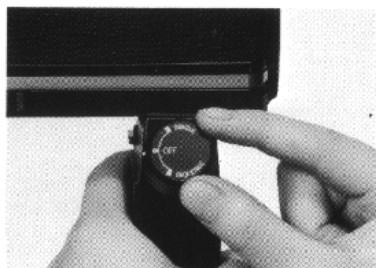


① Align the red index line on the rear of the Control Grip with the red index line on the rear frame of the Motor Drive until the Mounting Catch is engaged.



② Carefully push the Control Grip forward and up until it snaps in the front of the Motor Drive.

③ Shoot several "blank" exposures by pressing the Shutter Release on the Control Grip to make sure the units are attached properly.

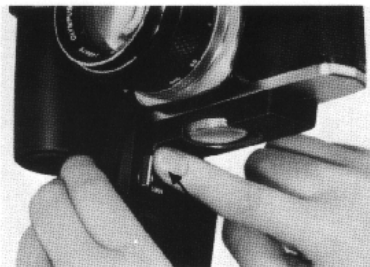


① Turn the Shutter Release Lock Lever on the Control Grip to the "LOCK" position.

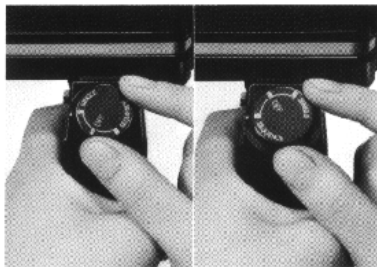
② Turn the Mode Selector on the Control Grip to "OFF".



③ To remove the Control Grip, push in and down on the Grip Detach Button to disengage the Grip Locks, and then lift apart.



① Unlock the Shutter Release Lock Lever by moving it forward and up opposite the word "LOCK".

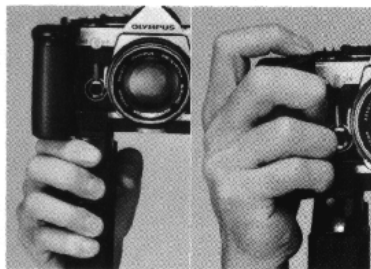


② Turn the Mode Selector to either "SINGLE" or "SEQUENCE". In the "SINGLE" mode, the Motor Drive advances the film by one frame and automatically cocks the shutter. In the "SEQUENCE" mode, the Motor Drive repeatedly winds the film and cocks the shutter as long as the release is pressed.

● IF THE MOTOR DRIVE 1 STOPS DURING PICTURE TAKING ....

Check the exposure counter. The Motor Drive 1 automatically stops advancing after the last frame is exposed. Rewind the film into the cartridge.

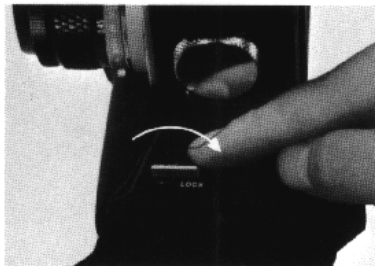
**IMPORTANT:** After the last frame is exposed, avoid pressing the Shutter Release to prevent the possibility of film damage.



③ To release the shutter, press either the Shutter Release on the Control Grip or the one atop the handgrip of the Motor Drive, whichever is more convenient.

● **MANUAL SHUTTER RELEASE**

Should you wish, you can use the camera's shutter release even with the Motor Drive and Control Grip attached. The film can then be advanced manually or with the motor.

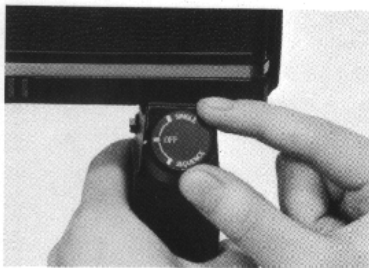


To lock the Shutter Release of the Control Grip, turn the Shutter Release Lock Lever in the direction of the arrow until it stops with a click.

**NOTE:** The shutter release atop the handgrip of the Motor Drive cannot be locked.



\* The trigger-type Shutter Release is located in the position naturally adopted by the index finger. To prevent accidental release while holding the Control Grip or in remote-control photography, be sure to lock it with the Shutter Release Lock Lever.



When you are not taking pictures, turn the Mode Selector to the "OFF" position.

\* If the Motor Drive 1 stops in the middle of a roll and makes a droning sound, the batteries are exhausted. Turn the Mode Selector to "OFF" and insert fresh batteries.

#### ● SHOOTING IN LOW TEMPERATURE AREAS

- 1) If the Motor Drive 1 will not advance when shooting in extremely cold temperatures, advance the first frame manually and then use the motor.
- 2) If the Motor Drive 1 will still not function, the batteries are exhausted or the temperature is too low; replace the batteries with fresh ones or warm the units.

● Do not apply force when the movable parts have been stopped by the safety mechanisms.

● Keep all electrical contacts clean and well away from metallic objects to prevent short circuit.

● In sub-zero temperatures, the motor drive equipment may sometimes fail to function normally. Warm it up before use. However, sudden temperature rise can cause poor performance due to vapor condensation. Allow more than 30 minutes for 10°C (50°F) temperature rise.

● Avoid storing the motor drive units in very cold, hot or humid areas.

● Set the Mode Selector to the click-stop positions. The motor drive package will not function at the intermediate positions.

● If cleaning is necessary, wipe the units with a soft cloth. Do not use cleaning solvents (thinner, etc.) or other harsh chemicals.

● Do not store the motor drive units near mothballs or similar materials to avoid the possibility of damage to metal surfaces.

● Do not hit or drop the units.



**OLYMPUS**

**OLYMPUS OPTICAL CO., LTD.**

43-2 Hatagaya 2-chome, Shibuya-ku, Tokyo, Japan