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**OLYMPUS**

**OM**  
SYSTEM

**BOUNCE GRIP**  
■ OPERATING INSTRUCTIONS



The Bounce Grip is a handle for bounce flash and a battery holder for the Quick Auto 310. The Quick Auto 310/Bounce Grip combination works as 1) a higher-output power source operating on four "C" batteries, 2) a grip type electronic flash unit, and 3) a bounce flash unit. It also permits auto bounce/off-camera flash in conjunction with the optional Remote Sensor or TTL Auto Cord 0.6m.

Nicad rechargeable batteries may not be used.

● **Type:** Bounce grip/battery holder with bracket

● **Batteries:** 1.5V C battery x 4 (manganese or alkaline)

● **Power Switch:** Sliding ON/OFF switch for "C" batteries

● **Flashes per Set of "C" Alkaline Batteries:** 250 ~ over 1,000 on TTL AUTO and NORMAL AUTO (varies depending on flash-to-subject distances)

● **Recycle Time with "C" Alkaline Batteries:** 0.2\* ~ 8

● **Bounce Angle:** Up 75°, down 15° (click stop at 0° position, ratchet click at 15° increments, fixed with head clamp)

● **Connection between Grip and Bracket**

**Mechanical:** One-step motion, fixed by bracket clamp at any position in 65-mm vertical sliding stroke

**Electrical:** Direct contact

\* At minimum auto-flash working distances on TTL AUTO and NORMAL AUTO, where the least amount of flash light is required; e.g. at a flash-to-subject distance of 0.5m at F8 (ASA 100)

● **Connection between Grip and Electronic Flash Unit**

**Mechanical:** Slide-in accessory shoe type with nonslip pin lock

**Electrical:** Direct contact via power plug

● **Connection between Bracket and Camera**

**Mechanical:** Tripod screw clamping

**Electrical:** Built-in Synch Cord

● **Connection between Grip and External Power Sources:** Plug-in type

● **Battery Chamber Cover:** Removable grip baseplate

● **Automatic Bounce/Off-camera Flash Control:**

NORMAL AUTO Bounce/Off-camera flash

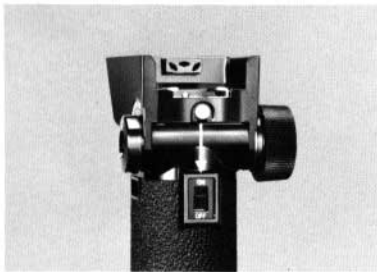
OM-1 or 2 + Accessory Shoe 1 or 2 + Remote Sensor + Quick Auto 310 + Bounce Grip

TTL AUTO Bounce/Off-camera flash  
OM-2 + Accessory Shoe 2 + TTL Auto Cord 0.6m + Quick Auto 310 + Bounce Grip

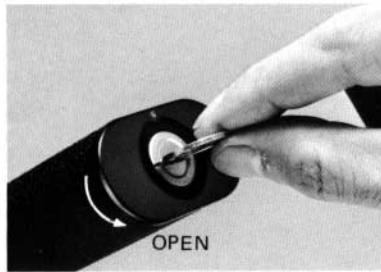
● **Size and Weight:** Grip unit 164 x 72 x 40mm, 200g (less batteries) (6 1/2 x 2 7/8 x 1 5/8", 7.1 oz); Bracket unit 172 x 46 x 33mm, 180g (6 3/4 x 1 3/4 x 1 1/4", 6.3 oz).



## OM SYSTEMS LOADING THE BATTERIES INTO THE GRIP

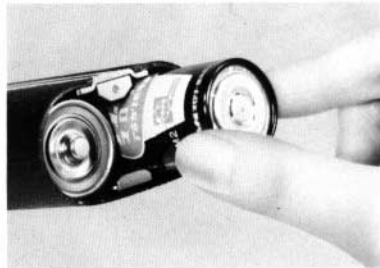


1. Turn the Power Switch to OFF.



2. Remove the Battery Chamber Cover.

Align the black index line on the Cover opposite the triangle ("OPEN") using a coin, then remove.



3. Insert the batteries.

Insert four 1.5V "C" batteries into the Grip properly as indicated by the Grip symbols  $\oplus$  and  $\ominus$ . Use fresh batteries only.

### NOTE:

Do not use NiCad rechargeable batteries as they will damage the bounce grip circuitry.



#### 4. Replace the Cover.

Align the red dot on the Cover to the red dot on the Battery Chamber, push in and rotate the Cover to lock.



#### 1. Mount the electronic flash unit.

- 1) Turn the power switch of the Quick Auto 310 to OFF.
- 2) Loosen the lock knob of the Quick Auto 310 by turning in the opposite direction of the arrow ("FIX"). Pushing down on the Nonslip Pin, slide the Quick Auto 310 into the Flash Mount as far as it will go. Push the hot-shoe mount of the Quick Auto 310 with a steady force as the fitting is made tight to prevent slippage. The Nonslip Pin will spring back to the home position to further ensure firm mounting.
- 3) Tighten the lock knob of the Quick Auto 310.



#### 2. Make sure the electric connection between the Grip and flash unit is completed.

- 1) Turn the Power Switch of the Grip to ON.
- 2) Check that the ready/charge lamp glows in a few seconds.
- 3) Return the Power Switch to OFF to prevent battery drain.

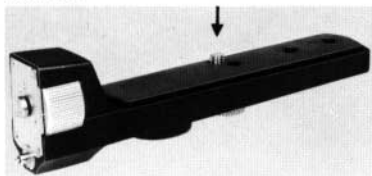


## ATTACHING THE CAMERA TO THE BRACKET



**1. Attach the camera to the Bracket.**  
Insert the Tripod Screw into one of the four tapped holes of the Bracket and screw in until the Bracket is securely attached to the camera baseplate.

■ The tripod socket for the OM cameras



**2. Plug the Built-in Synch Cord into the camera's synchronization socket.**

(In the case of Item 1 below only)

1 NORMAL AUTO and MANUAL flash

Pull out the plug of the Built-in Synch Cord stored in the Bracket's bottom and insert it firmly into the camera's flash synchronization socket.

2 TTL AUTO flash (with OM-2 and TTL Auto Cord 0.6m) and NORMAL AUTO bounce flash (with Remote Sensor)

In these cases the bracket's Built-in Synch Cord should be left in its storage groove.



## ATTACHING THE BRACKET TO THE GRIP



**1. Loosen the Bracket Clamp.**

Turn the Bracket Clamp in the direction of the arrow until it stops; the Mounting Pin will stick out fully.



## 2. Attach the Bracket to the Grip.

Insert the Mounting Pin of the Bracket into the round hole atop the Guide Groove, and the Guide Pin into the Guide Groove, then slide down the Bracket.



## 3. Tighten the Bracket Clamp at the desired position.

When the Bracket/camera combination is slid down to a desired position, tighten the Bracket Clamp by turning in the direction of the arrow (the reverse of loosening direction).



## 1. Turn the Power Switch to ON.

When the ready/charge lamp of the electronic flash is lit, it is ready to fire. Various power combinations of the Quick Auto 310 and Bounce Grip may be used

- a. When the Grip is ON and the Quick Auto 310 is OFF:  
Only the "C" batteries inside the Grip are used.
- b. When the Grip is OFF and the Quick Auto 310 is ON:  
Only the "AA" batteries inside the flash unit are used.
- c. When the Grip and Quick Auto 310 are both ON:  
The "C" and "AA" batteries are used simultaneously, shortening the recycling time.



**2. Release the shutter.**

- \* When using the Bounce Grip with a hot-shoe equipped camera, cover or remove the shoe (in the case of OM cameras) to avoid the possibility of a minor electric shock on the hot-shoe contact point.



**3. Turn the Power Switch to OFF.**

Turn off the Power Switch(es) when you have finished or during extended periods between pictures.



**Loosen the lock knob and remove the electronic flash unit.**

Push down on the Nonslip Button with your thumb and pull the electronic flash unit toward the rear, moving slightly to the right and left.





The External Power Socket at the side of the Bounce Head accepts the lead from the optional F. AC Adapter or 315V Power Pack. The F. AC Adapter body is directly plugged into the AC wall outlet. The Power Switch of the Bounce Grip may be set either to ON or OFF. When OFF, only AC power is used. When ON, both the AC power line and "C" batteries of the Bounce Grip supply power. Since the F. AC Adapter is not provided with the ON/OFF switch, it should be unplugged from the wall outlet after use.

Regarding the high-voltage layer-built battery pack, refer to the instructions supplied with the 315V Power Pack for details.



Soft illumination can be obtained by bouncing the light from either a ceiling or a wall.

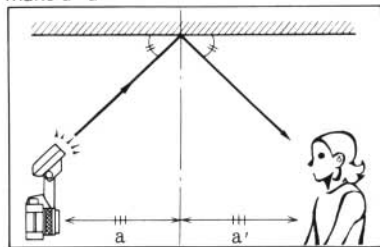
#### A. Manual bounce flash

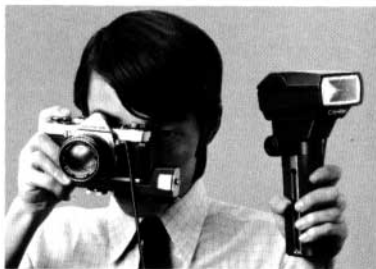
- 1) Loosen the Head Clamp by turning counterclockwise, tilt the Bounce Head to the desired angle and tighten the Head Clamp.
- 2) The exposure value will vary depending on the bounce angle, the distance and reflectivity of the wall or ceiling. Determine the exposure by means of electronic flash meter or making test shots.



- \* Bounce flash in the right and left directions can be made in some degree by turning the camera on the Bracket pivoting on the Tripod Screw.
- \* In ordinary bounce flash, correct exposure cannot be made, since the built-in sensor is not pointing to the subject.

In most cases, for effective bounce flash, make  $a=a'$





\* For extreme bounce, detach the Bracket from the Grip. The Built-in Synch Cord should be disconnected and tucked away into its storage groove. In its place, the optional 5m or 0.6m Synchro Cord is used to connect the camera's synchronization socket and the Quick Auto 310's synchro cord socket.



#### **B. AUTO bounce flash**

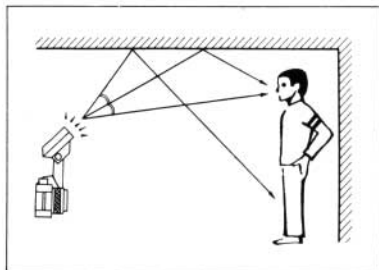
##### **1 NORMAL AUTO bounce flash**

Mount the optional Remote Sensor to the camera's accessory shoe and insert its plug into the synchro cord socket of the flash unit. Correct exposures can be made no matter what bounce angle is used, even when the Bounce Grip is detached from the Bracket.

\* Be sure to put the Built-in Synch Cord back into its storage groove to prevent electric shock on the tip of the Guide Pin.

##### **2 TTL Auto Bounce flash**

Refer to Quick Auto 310 instructions Manual, Page 30.



■ Tilting the Bounce Head and sliding the Bracket to an extent not suitable for subject conditions will result in uneven light distribution.

- 1) Do not insert any metallic objects (nails, needles, coins, etc.) into the Guide Groove as they will cause electrical shock and damage to the printed-circuit board inside the unit.
- 2) Do not pull or bend the Built-in Synch Cord. Place the Cord in its storage groove on the bottom of the Bracket when not in use.
- 3) Loosen and tighten the Bracket Clamp firmly when attaching to and detaching from the Bounce Grip.
- 4) Loosen and tighten the Head Clamp firmly when tilting the Bounce Head. Partial clamping can cause ratchet wear and Head movement by accidental impacts during photography. Clamp it in the 0° position when carrying or storing it for a long period.
- 5) When connecting and disconnecting the units, do not apply excessive force.
- 6) Do not leave the units in very humid, hot (over 50°C or 122°F) areas.
- 7) Turn the Power Switch to OFF, even when the Quick Auto 310 is detached from the Bounce Grip; otherwise the "C" batteries of the Grip will drain.
- 8) Remove batteries when you do not use the unit for a long period to prevent battery leakage.



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