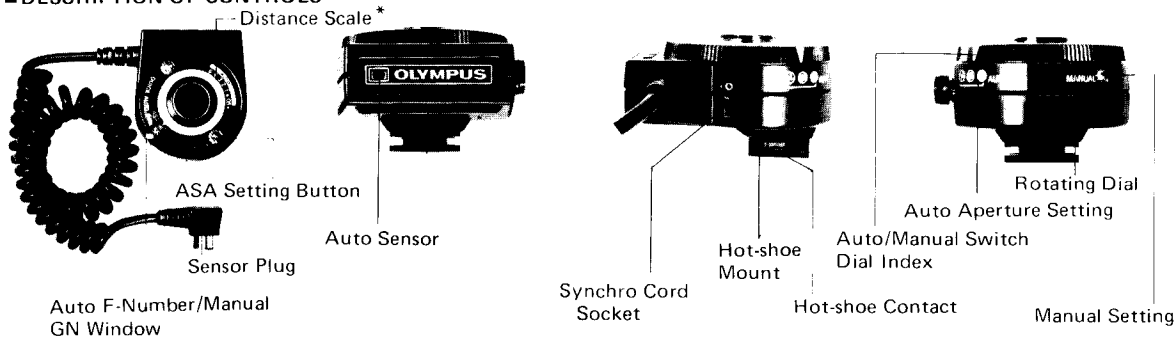


REMOTE SENSOR

DESCRIPTION OF CONTROLS



The Remote Sensor coupled with the Quick Auto 310 (and the Bounce Grip) enables the photographer to easily perform automatic off-camera/bounce flash photography.

MAIN SPECIFICATIONS

- **Unit Type:** Sensor for auto bounce flash photography
- **Mounting to Camera:** Accessory shoe slide-in type
- **Electrical Connection to Camera:**

Cordless contact or via optional Synchro Cord 0.6m

- **Electrical Connection to Quick Auto 310:** plug-in cord
- **Operation Modes:** Auto/manual dial setting
- **Auto F-number Setting:** Choice of 3 apertures (F4, F5.6, F8 in the case of ASA 100)
- **Sensor Acceptance Angle:** Approx. 20°

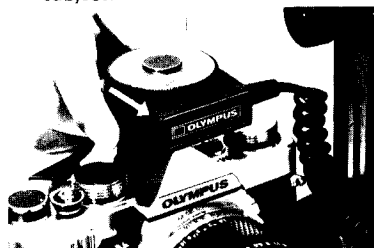
Bounce Flash: With optional Bounce Grip

- **Manual:** Full power flash at HI (GN 34 at ASA 100, m or GN 55 at ASA 25, ft)
- **Film Speed Range:** ASA 25–1600 (1/3 step settings by rotating dial)
- **Size and Weight:** 53 x 46 x 33mm, 70gr. (2-1/8 x 1-3/4 x 1-1/4in. 2.5oz.)

* Products for countries using the f.p.s. system are indicated in feet.

MOUNTING TO THE CAMERA

1. Attach the accessory shoe to the camera. (Accessory Shoe 1 in the case of OM-1)
2. Slide the Remote Sensor into the accessory shoe as far as it will go, with the Auto Sensor facing the subject.

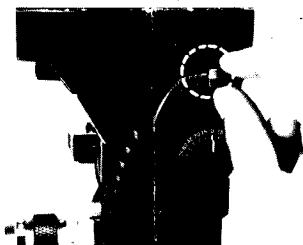


- On cameras with a hot shoe: Electrical connection between the Remote Sensor and the camera is completed by the mounting. (The camera's synch terminal should be set to "X".)
 - On cameras without a hot shoe: The optional Synchro Cord 0.6m becomes necessary.
3. Insert the Sensor Plug into the synchro cord socket of the Quick Auto 310.

The sensor circuit built into the Quick Auto 310 will be switched off automatically and the sensor circuit in the Remote Sensor becomes activated.

* At this point accidental flashing

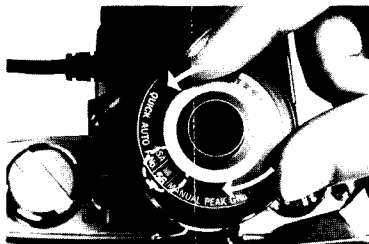
may take place if the electronic flash has been charged.



* The use of the optional Bounce Grip is recommended to comfortably hold the Quick Auto 310.

SETTING THE ASA FILM SPEED

Applying fingertips to the ASA Setting Buttons, turn the dial until the proper ASA rating for the film being used appears in the ASA Window.

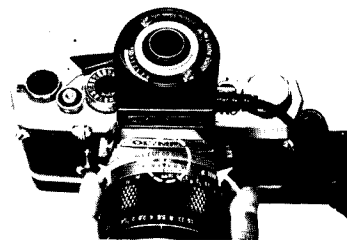


SETTING THE SHUTTER SPEED

1. Focal-plane shutter camera: Set the shutter speed for synchronization as per the manual for your camera. (With the OM-1, 1/60 sec.

or slower.)

2. Lens-shutter camera: See the manual for your camera.



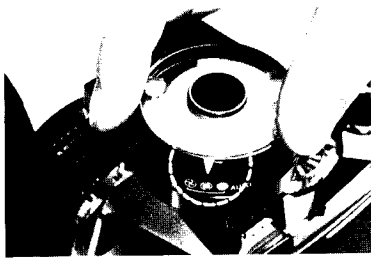
NORMAL AUTO FLASH PHOTOGRAPHY (DIRECT AND BOUNCE)

When the Remote Sensor is linked to the Quick Auto 310 through the Sensor Cord, automatic flash operation is controlled by the Remote Sensor, regardless of the settings on the Quick Auto 310.

1. **Set auto F-number on the Remote Sensor.**

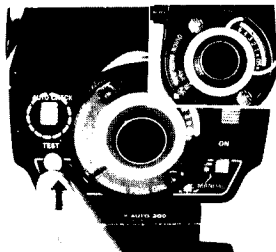
Set the Auto/Manual Switch Dial Index to one of the three auto aperture marks (●●±). The F-number corresponding to the mark (4, 5.6, or 8 in the case of ASA 100 film) will appear in the Auto F-number/Manual GN Window.

* Be sure that the Dial is set at one of the click stops. At midway positions, the auto circuit does not function properly even though flashing may occur.



2. Check whether the subject is in the auto range.

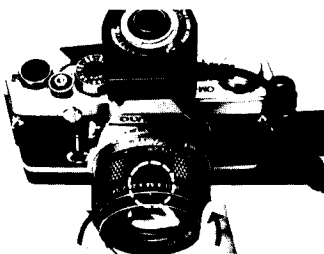
- 1) Under planned lighting conditions for bounce flash or direct flash, aim the camera at the subject and push the test button of the Quick Auto 310. If the auto check lamp flickers, the subject is within the auto range. (Auto checking is also possible right after actual shutter release. See 4-3 below.)
- 2) The Auto Distance Scale indicates the auto range that corresponds with the F-number you selected for the single-flash, direct-light situation.



* In auto bounce flash, amounts of bounced light vary depending on the flash-to-bouncing surface distance and on color and reflectivity of the bouncing surface, so that the auto range indicated in the Scale is not applicable to bounce flash.

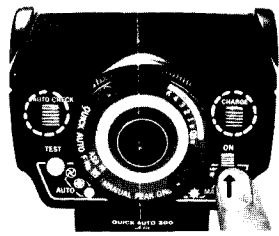
3. Set the aperture control of the camera.

Set the aperture control of camera to the F number that appeared in the Auto F-number/Manual GN Window.



4. Take pictures.

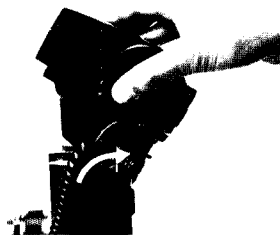
- 1) Turn the power switch of the Quick Auto 310 to ON. Wait for the ready/charge lamp to glow.
- 2) Release the shutter.
- 3) When correct exposure is made, the auto check lamp flickers.



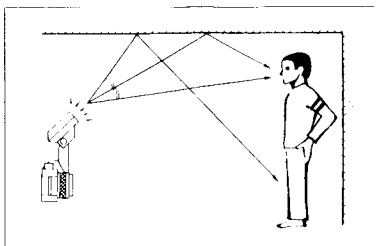
■ CAUTIONS IN AUTO BOUNCE FLASH PHOTOGRAPHY

The Remote Sensor allows the Quick Auto 310 atop the Bounce Grip to tilt up and down to perform auto bounce flash, with the camera-lens aiming at the subject.

Determine the position of the electronic flash, lighting direction and distance, etc. so as to suit your desired effects.



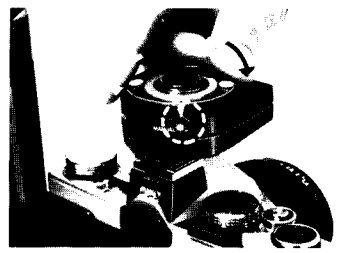
* Distinct bands of a bright scene and a dark scene may sometimes appear on the finished picture as a result of improper lighting distance or bounce angle: the bright band representing the scene upon which part of flash beams fell directly and the dark band representing the scene upon which the bounced light fell. Such uneven light distribution occurs when the bounce head is tilted only slightly.



* The quality of bounced light is affected by the color of bouncing wall or ceiling. This must be kept in mind when using color film.

■ MANUAL FLASH PHOTOGRAPHY

Set the Rotating Dial to the manual mark. The Quick Auto 310 operates on full output power (HI). LOW setting is not available.



■ OTHER TECHNIQUE

Diffuse flash photography

In diffuse flash with the Remote Sensor the auto sensor of the Quick Auto 310 is not used, so that its front surface can be covered freely with a white cloth, tracing paper, etc. to soften flash.

■ When using the OM-2, set it to manual: then the camera is used in the same manner as with the OM-1.

■ HANDLING CARE

1. Do not let flash beams directly in the Auto Sensor.
2. To detach the Remote Sensor from the camera:
 - a. Disconnect the Sensor Plug from the synchro cord socket of the Quick Auto 310.
 - b. Remove the Remote Sensor from the camera.

If you reverse the above procedure and, while doing it, touch the Remote Sensor's Hot-shoe Contact (+) accidental flashing may occur.

3. The built-in synch cord of the bracket unit should be placed in its storage groove when the Remote Sensor is used with the Bounce Grip. If the cord is plugged into the camera's synchronization socket, flashing will not occur.