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***FOCAL***®  
**M200**

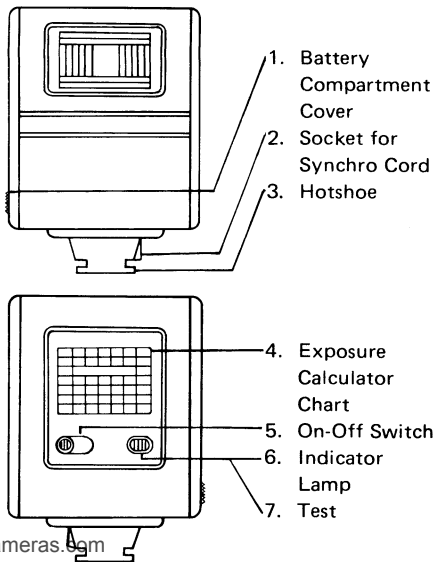
**ELECTRONIC FLASH UNIT**

Code No. 20-01-38

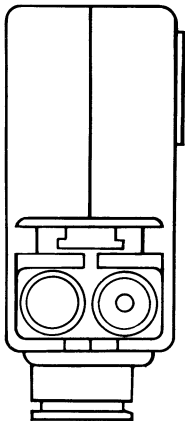
## PARTS IDENTIFICATIONS

### SPECIFICATIONS:

Power Source	: 2 AA Alkaline Batteries
Recycling Time	: Approx. 10 sec.
Flash Duration	: 1/1,000 sec.
Color Temperature	: Suitable for daylight (out-door) film
Angle of Illumination	: 50° x 50°
Battery Life	: Approx. 100 flashes (Depends on the type of batteries)
Guide No.	: 28 (ASA 25 in ft.)
Output	: 500 BCPS
Net Weight	: 90 gm (3 oz.)



## BATTERY OPERATION



1. Open the battery compartment cover.
2. Insert 2 penlight batteries following the (+) (-) signs as indicated inside and replace the cover.
3. Mount your FOCAL M200 Electronic Strobe on your camera by sliding into the accessory shoe.
4. Connect the unit (see SYNCHRONIZATION).
5. Slide the On-Off switch to the ON position. You will hear a humming sound indicating that the unit is in good operation .
6. In a few seconds, the indicator lamp will glow, showing that your FOCAL M200 Electronic Strobe is ready to flash.

**FOR BEST RESULTS USE ALKALINE BATTERIES  
USE FRESH BATTERIES REGULARLY**

## READING THE EXPOSURE CALCULATOR

Reads your film speed (ASA or DIN) and required distance you will find the correct F Stop.

For example:

Your film speed read: ASA 100 (DIN 21)

Require distance: 10 feet  
3 meter

Exposure f/stop: 5.6



M	1.1	1.5	2.1	3	4.3	M
FT	3.5	5	7	10	14	FT
25	8	5.6	4	2.8	2	15
64	11	8	5.6	4	2.8	19
100	16	11	8	5.6	4	21
400	32	22	16	11	8	27
ASA						DIN

## SYNCHRONIZATION

In the case of camera with a contact shoe, the UNIT is automatically synchronized when slid in place. If not, plug one end of the synchro cord into the UNIT, and connect the other end to the flash socket on your camera.

## NOTE

1. The batteries should be inserted in the correct positions.
2. Plug the synchro cord into the flash socket marked "X" or adjust the operation lever to "X" position. On your camera, make sure not to use "M" or "F" contact.