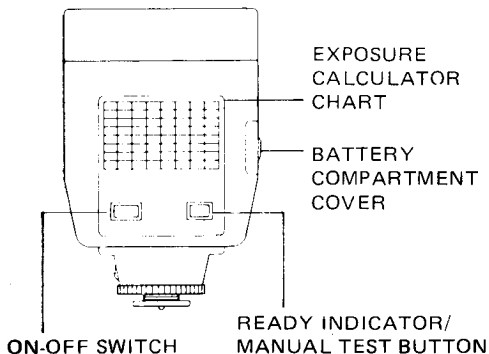
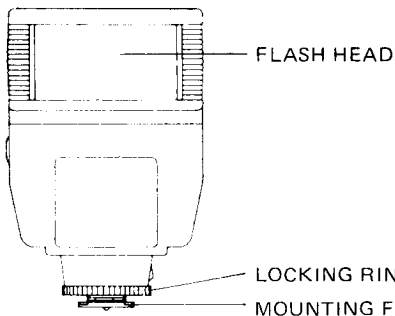


PROMASTER[®]

FM 600

OPERATING INSTRUCTIONS

ELECTRONIC FLASH



BATTERY OPERATION

- i. Open the battery Compartment cover.
- ii. Insert two 1.5V penlight batteries following the (+) (-) signs as indicated inside and replace the cover.
 - FOR BEST RESULTS USE ALKALINE BATTERIES
 - USE FRESH BATTERIES REGULARLY
 - THE BATTERIES SHOULD BE INSERTED IN CORRECT POSITION

ATTACHING FLASH UNIT TO YOUR CAMERA

- i. Loosen the lock ring, insert the FLASH UNIT into your camera's accessory shoe, then tighten the flash unit with the lock ring.
- ii. Slide the ON-OFF switch to the ON position (A red mark will show) and you will hear a humming sound indicating the flash unit is operating. In a few seconds, the ready indicator lamp lights up, showing that the FLASH UNIT is ready to flash.
- iii. Set the shutter speed of your camera to the proper setting for electronic flash use or 1/60 second.
(Read your camera owner's manual for details on the flash synchronization)

READING THE EXPOSURE CALCULATOR CHART

- i. Focus on your subject and note the flash-to-subject distance.
- ii. Read the Exposure Calculator chart which determines proper exposure. Example: In case of film speed ASA 100 (DIN21) and 9 meter (30 feet) distance, the proper aperture is F2.



M	1.1	1.6	2.3	3.2	4.5	6.4	9	M
FT	3.7	5.4	7.5	10.7	15	21.4	30	FT
ASA								DIN
50/64	11	8	5.6	4	2.8	2	1.4	18
100	16	11	8	5.6	4	2.8	2	21
200	22	16	11	8	5.6	4	2.8	24
400		22	16	11	8	5.6	4	27
1000			22	16	11	8	5.6	31

Calculation of F-stop without use of EXPOSURE CALCULATOR.

$$\text{F-stop} = \frac{\text{Guide Number (G.N.)}}{\text{Distance}}$$

Guide Number Table:

Film Speed (ASA)	25	50	100	200	400	1000
Guide Number (in meter)	9	13	18	26	36	58
Guide Number (in feet)	30	43	60	86	120	190

SPECIFICATIONS:

- Power Source:** Two 1.5V size AA
ALKALINE Batteries
- Recycling Time:** 6 – 10 sec.
- Battery Life:** Approx. 100 Flashes (Depends
on the type of batteries)
- Flash Duration:** 1/1,000 sec.
- Angle of
Illumination:** Horizontal: 60^o
Vertical: 45^o
- Color
Temperature:** Same as Sunlight During Day
- Guide Number:** 18 ASA 100 in meter
60 DIN 21 in feet
- Output:** 700 BCPS
- Weight (without batteries):** Approx. 3.5 oz.
- Size:** 63 (W) x 45 (D) x 100 (H) mm

Specifications subject to change without notice.