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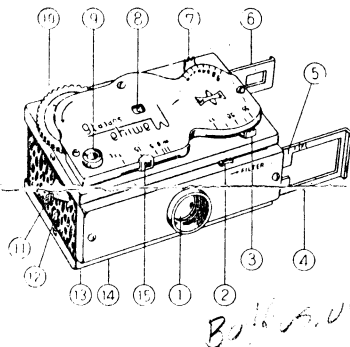
INSTRUCTIONS

for use of
The

MAMIYA SUPER-16

THE GREAT MIDGET CAMERA

Construction of the MAMIYA SUPER-16



1. Lens opening (closes when finder frame is retracted)
2. Filter lever (filter in position when pushed fully towards finder frame)
3. Lens stop lever (adjusts lens speed from f:3.5 to f:11)
4. Frame-type view finder (locks shutter button when retract)
5. Finder parallax correction (partly retract finder frame for close-up shots at 1 foot or 1½ feet)
6. View finder eye-piece (pull fully out for use)
7. Shutter speed control lever (bulb and from ½ to 1/200 sec.)

8. Picture number indicator
9. Shutter button and cable release screw
10. Film-wind and shutter-cock thumb wheel
11. Eyelet for neck cord
12. Bottom cover release button
13. Syncro-flash connection and tripod socket-screw combined
14. Filter change lever (push towards lens opening, filter drops out)
15. Focusing lever (adjusts from 1 foot to infinity)

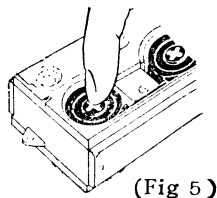
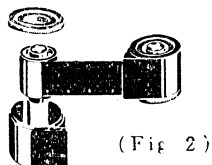
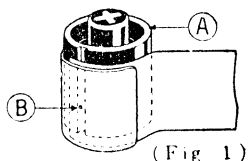
Loading the MAMIYA SUPER-16 with film

When loading or unloading the MAMIYA SUPER-16, it is advisable to avoid direct sunlight or other bright lights.

The unloaded MAMIYA SUPER-16 is prepared for loading by cocking and releasing the shutter until number 19 (red) shows on the picture number indicator (8). Remove bottom cover by pressing bottom cover release button (12) with thumbnail and pulling upward. Place camera in position shown in Fig. 4 after removing empty film cartridge. Remove empty cartridge cover and take out empty spool. Draw out about two inches of unexposed film from loaded cartridge. Fasten end securely to empty spool (A) by means of the spring clip and its nail (B) provided. (Fig. 1) Replace spool and cartridge cover. (Fig. 2)

Then as shown in Fig. 3 and 4, the cartridge are dropped into position with the loaded cartridge to the right and the take-up cartridge to the left. If the take-up spool does not catch properly with the film-wind spindle, the take-up cartridge will not sink flush with the camera bottom. In this event turn take-up spool with finger-tip as shown in Fig. 5, until spool catches and the cartridge falls into position with a distinct click.

Replace bottom cover by hooking round hole on positioning



screw and snapping shut. Make two blank exposures to take up exposed portion of film, watching picture number indicator until No. 1 appears.

Taking pictures with the MAMIYA SUPER-16

Pull out view finder (4) and eye-piece (6). Set lens stop (3) and shutter speed (7). Determine distance between camera and subject, and set focusing lever (15) accordingly. Aim at subject through eye-piece and view finder. Press shutter button gently but firmly. For quick picture taking at distances of over 6 feet, set focusing lever beforehand at mark between 6 and ∞ . Stopping down the lens as much as permissible sharpens the picture and gives greater depth of focus.

The MAMIYA SUPER-16 is fitted with an extra high quality hard-coated anastigmat lens with a speed of $f:3.5$ and a focal length of 25mm. It has high resolving power and considerable depth of focus, so focusing is not critical at distances of over 6 feet. At distances less than 3 feet care must be exercised to focus accurately. More over, at close range the view finder must be corrected for parallax by setting at suitable position as indicated by the notches cut on finder frame (5). It is better to set shutter speed before winding film. To use filter, push filter lever towards finder frame. Retracting view finder automatically clears lens of filter. The MAMIYA SUPER-16 is furnished with a Y-2 (yellow, double exposure time) filter. For cleaning or changing filter, first pull out view finder then push filter change lever toward lens opening, filter will drop out when camera is set right side up.

Holding the MAMIYA SUPER-16 (Fig. 6)

Fig. 6 shows two ways of holding the MAMIYA-16 when taking pictures. Any other comfortable way of holding the camera may be used, but care must be taken not to let any finger cover the lens aperture. The shutter release button should be pressed slowly but firmly.

The camera must not be jarred while a picture is being taken.

Film of the MAMIYA SUPER-16

1.5 ft 16 mm or Dbl. 8 mm movie film available for reloading cartridge.

Depth of field table for MAMIYA SUPER-16 (Circle of confusion $\frac{1}{30}$ mm)

| Distance | | ∞ | 12' | 6' | 3' | 1.5' | 1' |
|--------------|-----|------------------|-----------------|----------|-----------|--------------|--------------|
| Lens Opening | 3.5 | $\infty \sim 28$ | 21 ~ 9 | 7 ~ 5 | 3.3 ~ 2.7 | +0.8" ~ -0.7 | +0.3" ~ -0.3 |
| | 5.6 | $\infty \sim 18$ | 36 ~ 7 | 9 ~ 4.5 | 3.5 ~ 2.6 | +1.3" ~ -1.1 | +0.5" ~ -0.5 |
| | 8 | $\infty \sim 13$ | $\infty \sim 6$ | 11 ~ 4.1 | 3.8 ~ 2.5 | +2 ~ -1.5 | +0.7" ~ -0.6 |
| | 11 | $\infty \sim 9$ | $\infty \sim 5$ | 17 ~ 3.7 | 4.3 ~ 2.3 | +2.8" ~ -2.1 | +1.0" ~ -0.8 |

(Fig. 6)

