

**BOLEX ELECTRIC MOTOR Type MC 17  
for BOLEX H16 and H8 CAMERAS**

The Bolex Electric Motor, Type MC-17 allows the movie-maker to shoot lengthy scenes without interruption and without having to wind up the camera. It can be run from **standard 6 V, 0.5 A dry batteries** (obtainable from radio stores or from Paillard-Bolex Dealers) or from the house electric lighting current, in which case it is necessary to use a **BOLEX Transformer, Type BE 22.**

## **EQUIPMENT**

This comprises :

- 1 motor with 5 ft. length of connection flex
- 1 10 ft. length of extension flex, with switch
- 4 connecting links for connecting together 5 batteries
- 1 Plexiglass adapter for filming speed control knob

## MOUNTING MOTOR ON CAMERA

The Bolex Electric Motor, Type MC 17, can be used with all models of Bolex H cameras.

1. **Remove the winding crank.**
2. **Set the clutch lever on the camera on «O».** If any resistance to movement is felt on pushing the lever down, do not attempt to force it, but simply press the front filming button, at the same time pushing the lever downwards.
3. **Fasten the Plexiglass adapter on the filming speed control knob,** to facilitate use of latter when the motor is in position.
4. **Fit on the motor.** See that the motor's «flexible» driving shaft fits well home on the hand-cranking spindle (the pin must engage in the corresponding slot in the shaft — see Fig. A). Fasten the motor to the camera body by screwing the milled knob in the position usually occupied by the winding crank. If necessary, also screw into the camera the second motor locking screw.

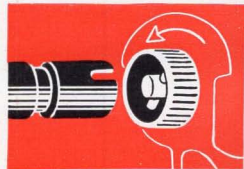


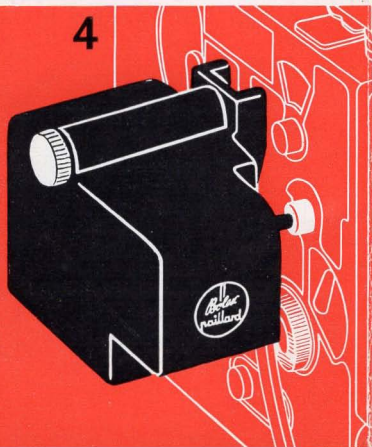
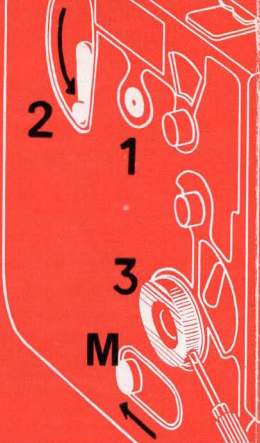
Fig. A

## SWITCHING ON

Electrical start by means of motor, or mechanical start by means of front or cable release.

### Electrical release

Set the lateral button on «M». The motor can be made to drive the camera in normal or continuous running, according to the position in which the motor operating lever is set.



**Normal running** (see Fig. B): Pull the operating lever out. The motor will start if the lever is pushed gently forward, and will stop as soon as the pressure ceases.

**Continuous running** (see Fig. C): Press the operating lever fully home in the motor casing.

### **Mechanical release**

Press the motor lever fully home to start the motor alone (fig. C). The camera is released as usual with front or cable release. Normal and continuous running but also single-frame exposures are thus possible.

When the camera is stopped, do not let the motor run more than necessary (maximum 15 min.).



Fig. B



Fig. C

## **EXTENSION FLEX**

This attachment serves to connect the motor to the dry batteries or to the Transformer Type BE 22 when the camera is set up on a tripod. The movie-maker can also use it to operate the camera by remote control for making certain special shots (such as in reporting and documentary work, time and motion study sequences and so on).

The extension flex is fitted with a switch, which can only be used for starting the motor when the operating lever on the motor is in the position for continuous running (i. e. pushed fully down).

## **UPKEEP**

The motor is fitted with ball-bearings and requires no relubrication.

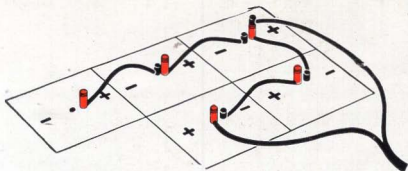
## READYING FOR USE WITH 6 V, 0.5 A DRY BATTERIES

- Connect the batteries together in series by means of the connecting links provided (see diagrams), taking care that each plug is fitted into a hole of the corresponding size, i. e. red plugs to positive (+) terminals and black plugs to negative (—) terminals
- Set the filming speed control to the required speed.
- Pull the starting lever on the motor fully outwards (i. e. to OFF position).
- Connect the twin leads from the motor to the batteries, taking care that only the correct number of batteries needed to obtain the desired filming speed are in use, as follows :

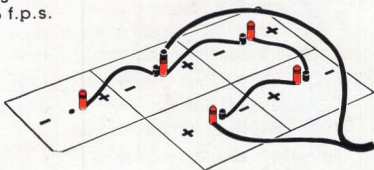
			Number of batteries
	H 8 Camera	H 16 Camera	
Filming speeds	12 to 16 f. p. s.		2 (12 V)
	18 to 32 f. p. s.	12 to 16 f. p. s.	3 (18 V)
	48 f. p. s.	18 to 24 f. p. s.	4 (24 V)
	64 f. p. s.	32 f. p. s.	5 (30 V)

**A brown leather carrying case** is available as an extra. It has room for 5 batteries, the motor and all attachments, and is carried slung from the shoulder, allowing the movie-maker complete freedom of movement.

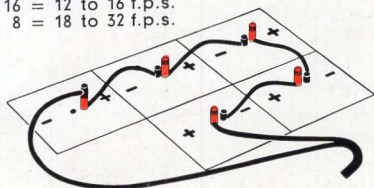




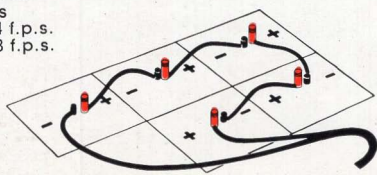
2 batteries  
 H 8 = 12 to 16 f.p.s.



3 batteries  
 H 16 = 12 to 16 f.p.s.  
 H 8 = 18 to 32 f.p.s.



4 batteries  
 H 16 = 18 to 24 f.p.s.  
 H 8 = 48 f.p.s.



5 batteries  
 H 16 = 32 f.p.s.  
 H 8 = 64 f.p.s.

## READYING FOR USE WITH BOLEX TRANSFORMER TYPE BE 22

The Bolex Transformer, Type BE 22, can be used on all (A. C.) electrical mains supplies with voltages between 90 and 300 V and frequencies of 50 or 60 cycles per second.

### Before connecting to supply :

- According to frequency and voltage of local mains supply (check data on house current meter or ask for information from local electricity company), screw down fully :

**the contact screw with white head b** in the hole facing the number corresponding to the local mains supply voltage.

**the contact screw with green head v** in the hole marked «50 p/s» or «60 p/s», according to the local mains supply frequency.

### Before connecting to motor :

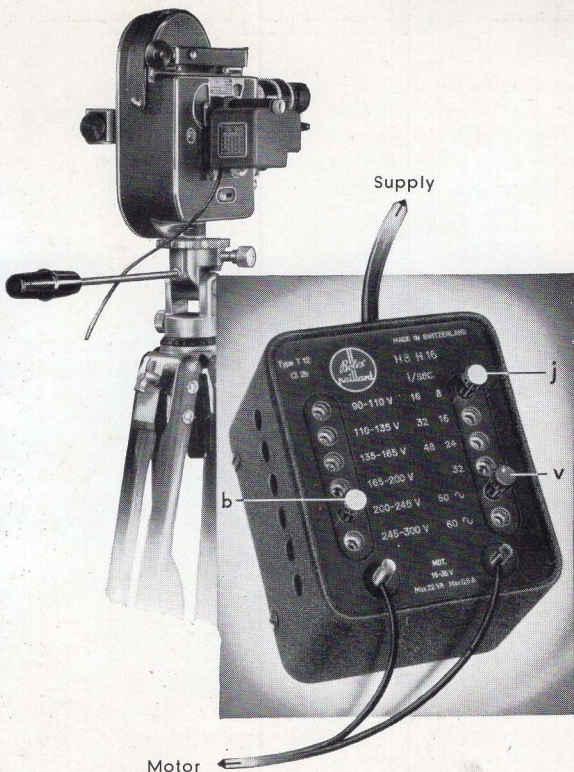
- Screw the **contact screw with yellow head j** fully home facing the number corresponding to the required filming speed.
- Set the filming speed control on the camera to the corresponding position.
- Pull the operating lever on the motor fully out (i. e. to OFF position).

### To place in operation :

Connect the transformer to the mains supply and insert each lead from the motor in the terminal of the corresponding size.

### Warning !

Do not forget to disconnect transformer from mains supply when filming is over.







Manufacturers :

**PAILLARD LTD.**

Ste-Croix (Switzerland)