

THE SHUTTER FOR UNIFORM EXPOSURE... *Wollensak* PRECISION-MADE RAPAX



WHY YOU NEED A PRECISION-MADE SHUTTER

Because the camera shutter has a critical bearing on your picture-making results, it's essential to choose that shutter with care. Like a fine watch that accurately measures time in seconds, so the camera shutter must also measure time intervals in accurate fractions of seconds. Set for any given speed, the shutter must maintain that speed every time it opens. When timing is not uniform, negatives will be over

or under-exposed. Color transparencies may be completely ruined, a particular picture opportunity lost forever.

The best lens cannot compensate for an unreliable shutter. Only when it is precision-made, by skilled craftsmen, can you expect uniform accuracy in exposure time, a vital factor in quality photography.

WHY YOU'LL WANT A RAPAX

Accuracy... dependability... easy operation... enjoy these benefits with a Wollensak Rapax shutter—proven superior in nearly every field of photography. This between-the-lens, rim-set shutter has accurately fitted train of gears and pinions coordinated with a series of levers and carefully tempered springs. Speeds range from 1 second

up to 1/400 second, with Bulb and Time settings.

Two operating levers simplify use. Setting lever "cocks" shutter, putting springs under proper tension for desired speed. Depress release lever to make exposure. Cable release socket is also provided.

PRESS-FOCUS LEVER FOR FAST GROUND-GLASS FOCUSING

Shutter blades can be opened for focusing without revolving speed ring to *Time* position. To check focus before exposure and after shutter has been cocked, simply depress press-focus lever to open blades. This can be done at any speed setting. After focusing, lift press-focus lever to close blades. Shutter is still cocked and ready for exposure.

ADVANTAGES OF RAPAX INTERNAL SYNCHRONIZATION OVER SOLENOID SYNCHRONIZATION

1. *Maximum efficiency over entire shutter range*—made possible by use of two synchronizer delay settings. Black "M" setting covers shutter speeds of 1/100 and faster; Red "M" setting covers 1/50 and slower. Maximum synchronization efficiency is not possible at 1/50 second when shut-synchronized for speeds faster than 1/100, regardless whether synchronizer device is internal or external.

2. *Action is consistent and reliable*—mechanical synchronizer delay system is independent of condition of batteries in gun, whereas external synchronization varies with condition of batteries, solenoids, associate circuit of cords and

sockets, and temperature changes.

3. *Internal synchronization conserves batteries*—Battery current is used only to flash lamps and is not drained by solenoid coil.

4. *Permits "off-the-camera" flash shots*—shutter is tripped from gun held away from camera for better lighting effects. With some flash guns, such as the new Gra solenoid can act as remote tripper only, letting internal shutter synchronizer provide synchronization.

5. *Commercial BC flash circuits* can be used with internal synchronization without harm to contacts.