

HOW TO USE THE 50mm. SUMMICRON f/2

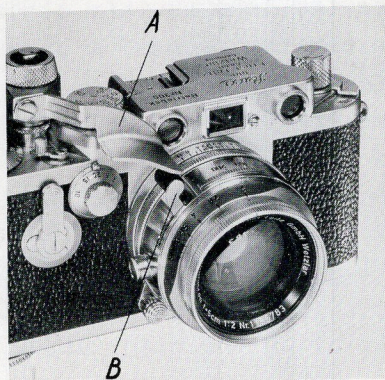
With Built-In Between-The-Lens Shutter
For "F" Series Leicas

Attaching Lens To Camera

Despite its special features, the new 50mm. Summicron with built-in between-the-lens shutter attaches to your camera like any other threaded Leica lens. Just screw it into place.

Of course, you will also need to attach the special release lever for the new lens to the shutter release of the camera. This simply screws into the shutter release socket like a cable release. Turn the knurled knob of the release lever assembly to do this, rather than the entire assembly.

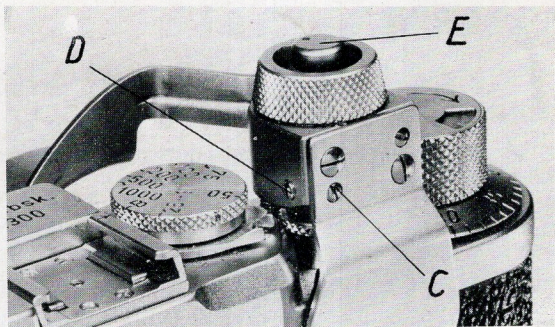
As you might imagine, each objective with built-in between-the-lens shutter must be adjusted to the individual camera shutter mechanism. And you can ignore the synchronizing contact of your Leica with such lenses, since the contact is made solely by the X-synchronized (for electronic flash only) between-the-lens shutter, which can be set for speeds of 1/00 and 1/200 second. The shutter speed dial of your camera has to be set at "B."



Exposing The Picture

Grasp the release lever A with 2 fingers and push it down slowly. By doing so you move release arm B and close the between-the-lens shutter in the objective; after that the focal plane shutter opens. In pressing the lever further down you will feel some resistance. By overcoming this, you open the between-the-lens shutter, and immediately afterward, the second curtain closes the focal plane shutter. When you release the lever, it moves back to its starting position, and the between-the-lens shutter opens again.

If, after the lever passes the resistance point, the focal plane shutter should close without the between-the-lens shutter having opened previously, you will have to make an adjustment as follows:



Adjusting The Shutter

Loosen the locking screw C and turn the adjusting screw D half a turn counterclockwise. Then test as described above. If, after the between-the-lens shutter opens, the second curtain of the focal plane shutter should not close in spite of your pressing the lever completely down, then turn the adjusting screw D one-quarter turn clockwise. Then fasten locking screw C.

Proper Sequence of Exposure

- (1) Between-the-lens shutter closes.
- (2) Camera shutter mechanism opens.
- (3) Resistance point.
- (4) Between-the-lens shutter exposes.
- (5) Second curtain closes.
- (6) Between-the-lens shutter opens as you remove pressure from the release lever after exposure.

You should not push down the release lever in one movement, but instead, stop at the resistance point before deciding on the right exposure moment.

Flash

The flash unit connects to the synchronizing contact on the lens mount. You can also use the lens without using the between-the-lens shutter. In this case you expose by means of the shutter release knob E on the camera as with any conventional Leica lens.