

Rapid focusing mount TELEVIT



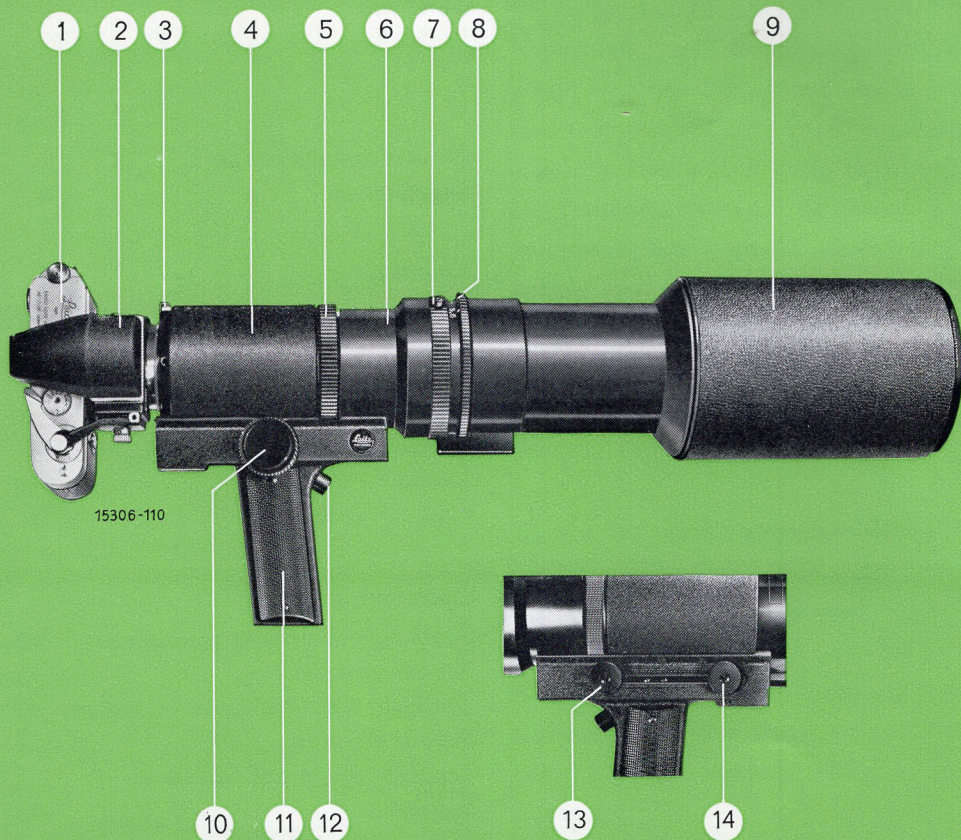
Photo-journalists, sports and wild-life specialists, and all active photographers who use long-focus lenses will find that the TELEVIT rapid focusing mount answers their need for speed, convenience, and light weight.

In combination with the groundglass screen of the VISOFLEX® II/III reflex housings, the TELEVIT provides optimum operational handiness for the 280-, 400-, and 560mm LEITZ TELYT® lenses.

To get the most from your TELEVIT, we suggest that you take a few minutes to read through this short manual with your equipment at hand. The time invested will be amply repaid by your knowledge of the many possibilities offered by this advanced LEICA® accessory.

Contents

	Page
General description, parts identification	4-5
Assembly	
Lens, aperture tube, focusing mount	6-7
Shoulder stock	8
Built-in filter slot	9
280mm f/4.8 and 400mm f/5 TELYT lenses	10
Carrying strap	11
Operation	
Focusing and holding procedures	12
Pre-set aperture ring	13
Switching from horizontal to vertical	13
Pre-set focusing	14
Tripod bushings and additional support	15



General description of the TELEVIT rapid focusing mount

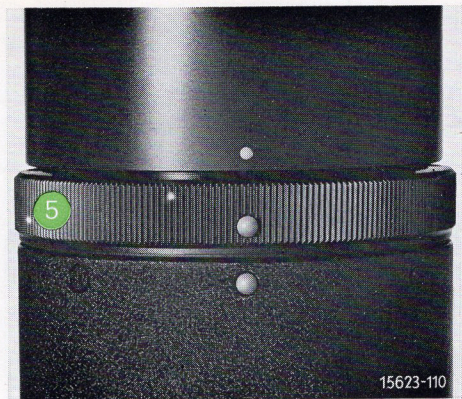
- 1 = LEICA M-camera
- 2 = VISOFLEX II/III reflex housing
- 3 = Horizontal/vertical orientation lock
- 4 = Rapid focusing mount
- 5 = Bayonet lockling ring
- 6 = Aperture tube for 400/560mm
f/5.6 TELYT lenses
- 7 = Aperture pre-setting ring
- 8 = Aperture setting ring
- 9 = Lens
- 10 = Fine-focusing thumb-wheel
- 11 = Pistol grip
- 12 = Trigger release for focusing
movement
- 13 = Pre-set focusing nut for far distance
- 14 = Pre-set focusing nut for near
distance

Assembly

Screw the optical unit of the 400mm TELYT f/5.6 or 560mm TELYT f/5.6 lens into the threaded front of the aperture tube (6).



The bayonet at the rear of the rapid focusing mount is joined to the VISOFLEX® II/III housing like any other lens: align the red dots on focusing mount and housing, and lock in position with a short turn to the right until an audible click is heard. To avoid excessive leverage, attach the VISOFLEX II/III with LEICA camera to the rapid focusing mount, instead of bayoneting the long lens into the reflex housing.



Turn the bayonet locking ring (5) until its red dot is aligned with the red dot on the mount. Insert the aperture tube (6) by pressing straight in so that its red dot lines up with the other two, as shown above. Finally, lock the aperture tube in position by turning the locking ring (5) to the left, as far as it will go. Note that in the locked position, the red dot on the locking ring finds itself at the left-hand center of the rapid focusing mount.



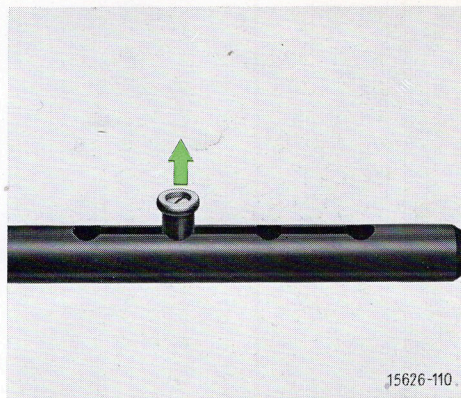
The colored arrow above indicates the correct locking movement for attaching lenses to the TELEVIT mount.

To remove the lens, turn ring (5) back to the right until all three dots are again aligned as shown at left above. Always keep one hand on the lens when unlocking the bayonet!



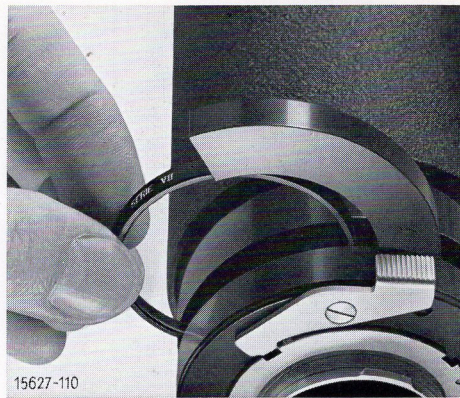
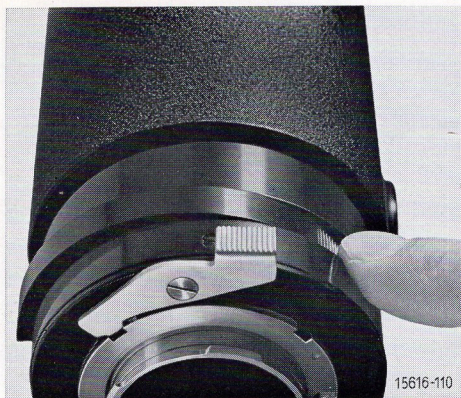
The curved piece of the shoulder stock (see page 11) is packed separately for shipment. To assemble, carefully align the red dots on the straight and curved pieces, securing firmly with the screw provided.

At the end of the bent mounting piece you will see a small pin protruding at each side; this fits the chromed key-hole at the back of the TELEVIT mount. The mounting procedure is illustrated above. Press straight into the keyhole, pushing



hard to overcome pressure from the locking spring, and turn to the right until a firm click is felt.

The overall length of the shoulder stock can be adjusted by raising the small chromed button (see above), and permitting it to fall into any one of the four adjusting positions provided.



A filter slot for standard **Series VII** filters is built into the inner sliding tube of the TELEVIT mount. This can be seen from above when the tube is slightly extended.

At the right-hand side of the cut-out area is a small ribbed section. Pressing this will raise the filter holder sufficiently to permit full opening. When fully raised the Series VII filter can be inserted as shown above, pressing in to permit the spring to grip the rim.

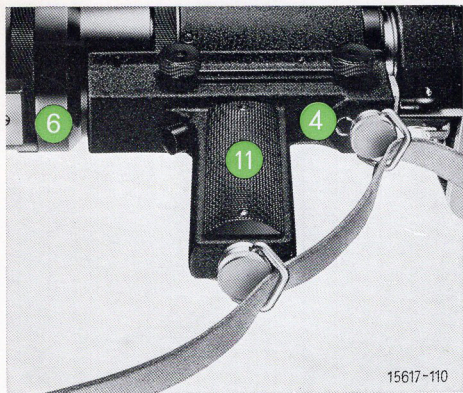
Important! Always focus the lens with the filter in position.



The optical units of the 280mm TELYT f/4.8 and the 400mm TELYT f/5 can be used with the TELEVIT, after unscrewing from their normal focusing mounts. With the 280mm TELYT it is also necessary to remove the short facing ring which lies between the optical unit and the focusing mount*).

For use with the TELEVIT, the optical units of these two lenses are first screwed into the bayonet adapter ring No. 14 138. With this ring in place, the 280mm f/4.8 or 400mm f/5 TELYT lens can now be mounted as described on pages 6 and 7.

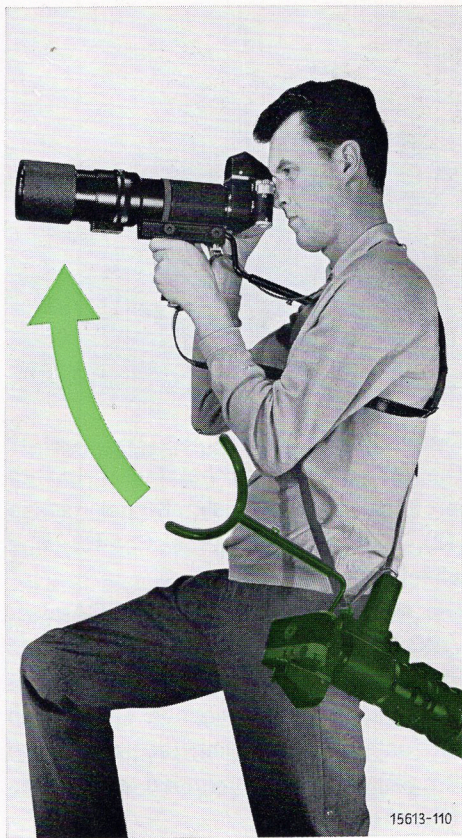
*) If this facing ring sits too tightly to turn off, work a few drops of acetone into the joint to loosen.



15617-110

A strong leather carrying strap with length adjustment (Cat. No. 14 130) is provided for use with the TELEVIT and long-focus lenses.

This strap carries two metal swivels with $\frac{1}{4}$ " screws. One swivel should be screwed into the base of the pistol grip, and the other into either the $\frac{1}{4}$ " bushing of the focusing mount (4) (as shown above), or into the bushing in the aperture tube (6).

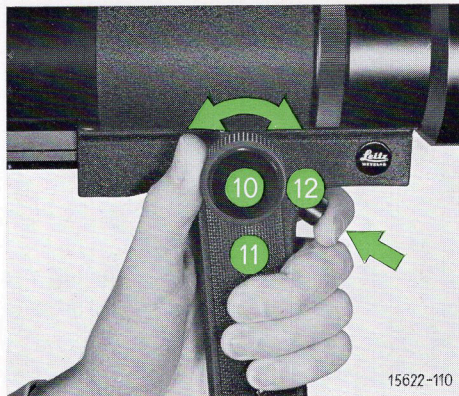


15613-110

Operation

The left hand grasps the pistol grip with forefinger on the focusing trigger release (12), and thumb on the fine-focusing wheel (10).

The right hand grasps the LEICA-plus-VISOFLEX so that the shutter release and transport lever can conveniently be operated in the normal manner. The built-in horizontal/vertical swing (see next page at right) eliminates any need to alter this holding method.



Focusing

The focusing movement is freed when the trigger (12) is pressed, and firmly locked when pressure is removed.

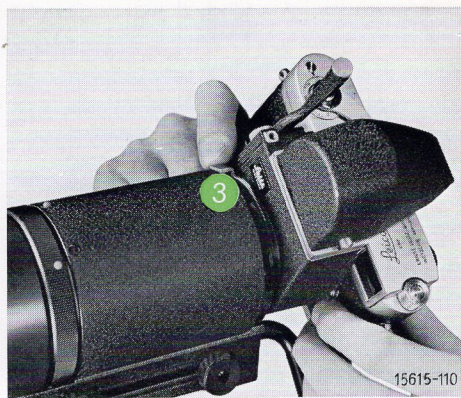
For fast focusing: Use the right hand to move the LEICA-plus-VISOFLEX back and forth.

For fine focusing: Use left hand thumb to turn the rubber-ribbed wheel (10).



Pre-set aperture control

The aperture for exposure is pre-selected by rotating the pre-setting ring (7) after depressing the chromed locking button. This ring provides click stops at full- and half-stops from f/5.6 to f/32. Just prior to exposure the aperture setting ring (8) is turned to the left until the stop is felt.

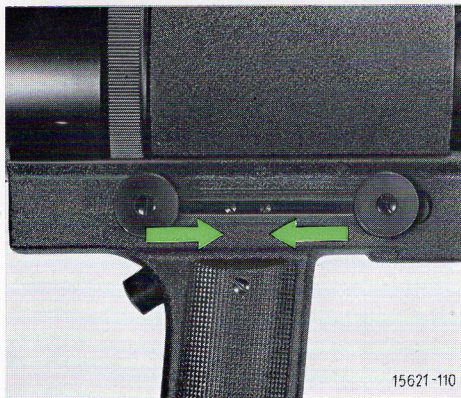


Horizontal/vertical orientation

By pressing the orientation lock (3) the LEICA-plus-VISOFLEX combination can be rapidly rotated for either horizontal or vertical pictures. Starting from the horizontal position, vertical orientation can be obtained by swinging the camera-and-housing through 90°, either to the left or to the right. By experimenting with both click settings you can determine which best suits your shooting requirements.

Pre-set focusing

On the left side of the TELEVIT, just above the pistol grip are two large locking nuts (13) and (14) which provide adjustable focusing blocks. When loosened they can be moved from their inactive positions to block lens focus at the nearest and farthest distances required for a given picture. Subsequent focus changes can then be made almost instantaneously as the subject moves within these limits. It is useful to remember that the **front knob (13) sets the far distance**, and the **back knob (14) sets the near distance**. When this feature is not used, the two knobs should be reset to their inactive positions, as shown above.



Because the TELEVIT is used with a variety of LEICA lenses, it can happen that the focal movement will not stop at infinity, but will pass this point. In this case, the front knob (13) can be used as an infinity block after carefully focusing the lens upon a very distant object.



Tripod bushings

When using the 400- or 560mm f/5.6 TELYT lenses it is advisable to use the tripod bushings provided in the base of the aperture tube (6), as shown above.

The bushing in the base of the pistol grip should be used only for the carrying strap (see page 11), and never for tripod mounting.

When using the 280mm TELYT f/4.8 or the older 400mm TELYT f/5 lenses, use the bushings at the base of the TELEVIT, just behind the pistol grip.



Additional support

To eliminate camera vibration without a tripod, it is well to have two points of support.

In this connection it is worth noting that the extensible lenshoods of the 400- and 560mm f/5.6 TELYT lenses can be used to rest against any available solid object in order to obtain a second point of support.

Read LEICA-Fotografie
the magazine of miniature
camera technique!



® = registered trademark

ERNST LEITZ GMBH WETZLAR GERMANY

Subsidiary: Ernst Leitz (Canada) Ltd., Midland, Ontario

List 110 - 71 / Engl. Printed in Germany IV/67/FLW/L