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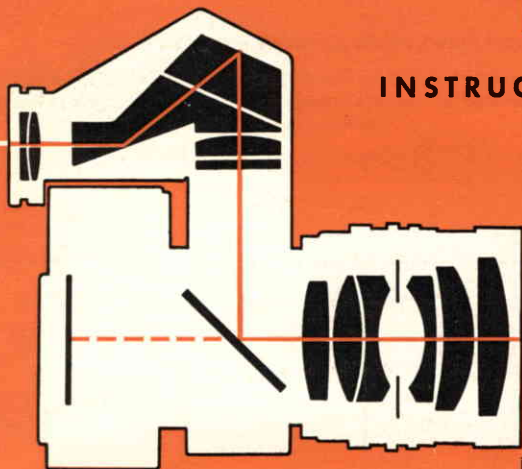
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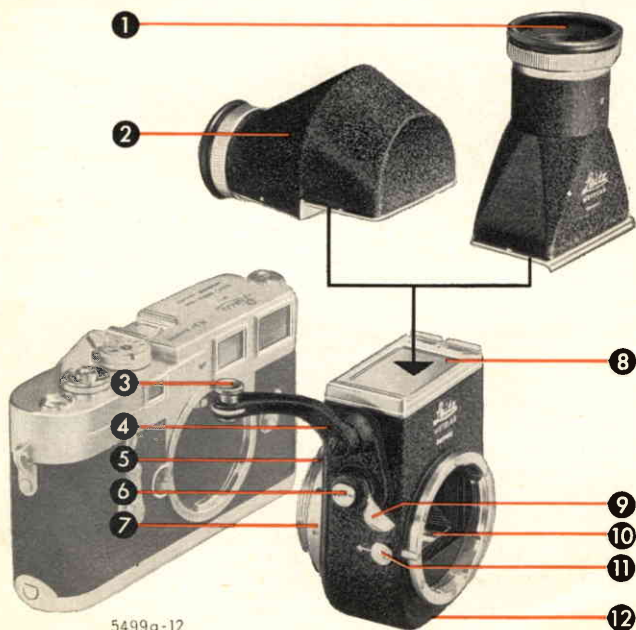
VISOFLEX II

Leitz
WETZLAR

INSTRUCTIONS



11-41c/Engl.



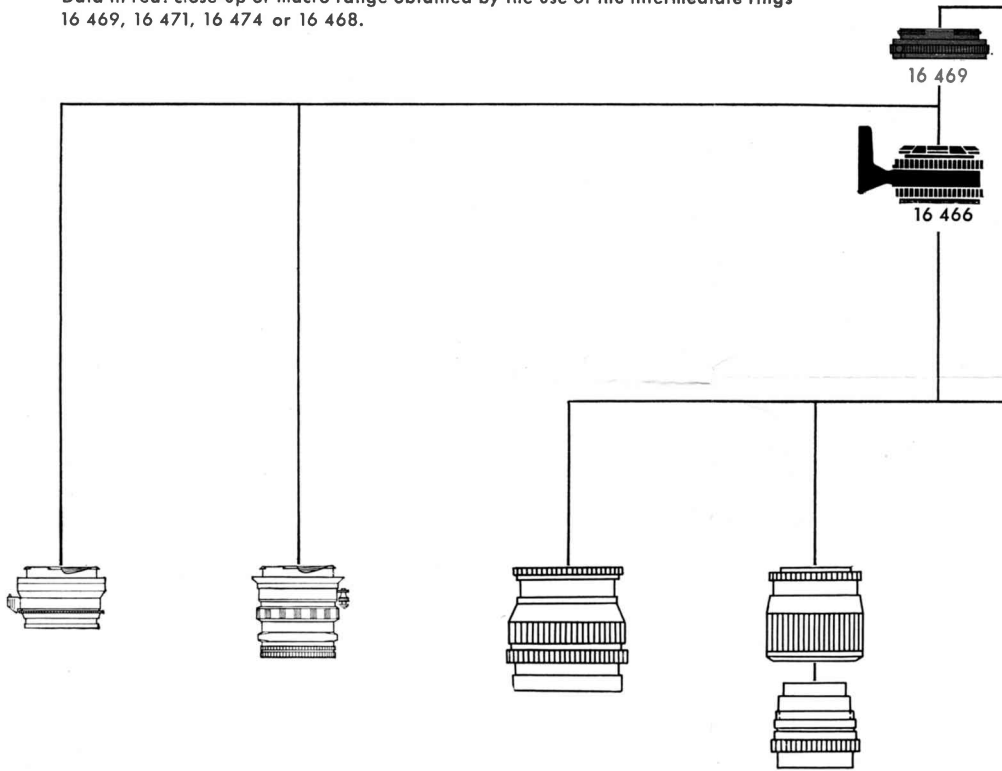
The Versatility of the [®]VISOFLEX II

The technical data beneath the lenses reads as follows:

Focusing range (subject to film distance)
Subject covered at closest focusing limit

Scale of reproduction (image : object)
(EF) Exposure increase factor

Data in red: close-up or macro range obtained by the use of the intermediate rings
16 469, 16 471, 16 474 or 16 468.



35 mm Lenses*

5 1/2" | 1.2:1
3/4 x 1 1/8 | EF = 5 x

5 11/16" | 1.5:1
5/8 x 15/16" | EF = 6.3 x

50 mm Lenses*

8 3/8" | 1:1.3
1 1/4 x 1 7/8" | EF = 3 x

8 3/16" | 1:1
1 5/16 x 1 7/16" | EF = 4 x

125 mm [®]HEKTOR f/2.5

∞ - 47" | 1:8
7 9/16 x 11 5/16" | EF = 1.3 x

6 6 7/16 x 3 2 11/16" | 1:4.8
4 1/2 x 6 13/16" | EF = 1.5 x

135 mm Lenses in short mount

∞ - 59" | 1:9
8 1/2 x 12 3/4" | EF = 1.2 x

83 - 40 1/2" | 1:5.5
5 3/16 x 7 13/16" | EF = 1.4 x

200 mm Lenses*

∞ - 121" | 1:16

14' - 7" | EF = 1.5 x

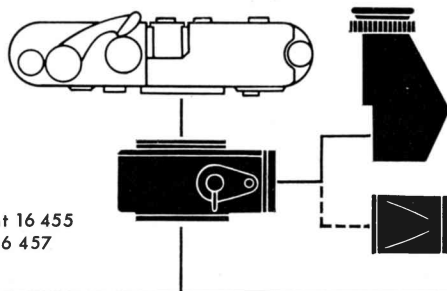
Screw mount lenses require bayonet adapter ring 14 097 (or 14 098, 14 099).

www.ophancameras.com

® LEICA body

VISOFLEX II

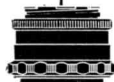
with bayonet mount 16 455
with screw mount 16 457



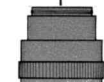
**Image-erecting 4 x
eye-level prism magnifier**
16 460

**Simple 5x magnifier
(laterally reversed
image) 16 461**

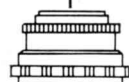
This diagram illustrates the
of the VISOFLEX II r
interchangeable
Black: intermediate rings for normal
Red: intermediate rings requiring
close-up



16 464



16 471



16 463



16 474



16 472

280 mm TELYT f/4.8

$\infty - 19' 8''$ | 1:19.3
 $18 \times 27''$ | EF=1.1 x

$27' 6'' - 12' 6''$ | 1:11.4
 $10\frac{3}{4} \times 16''$ | 1.2 x

mm TELYT f/4

$9' 10\frac{1}{8}''$ | 1:12.8
 $18 \times 18\frac{1}{8}''$ | EF=1.2 x

$6' 7''$ | 1:7.8
 $11\frac{1}{16}''$ | EF=1.3 x

400 mm TELYT f/5

$\infty - 26' 3''$ | 1:17.5
 $16\frac{9}{16} \times 24\frac{13}{16}''$ | EF=1 x

$55' 9'' - 19' 8''$ | 1:12.5
 $11\frac{3}{16} \times 17\frac{11}{16}''$ | EF=1.2 x

65 mm ®ELMAR f/3.5

$\infty - 13''$ | 1:2.4
 $2\frac{5}{16} \times 37\frac{1}{16}''$ | EF=2 x

$13 - 10\frac{5}{8}''$ | 1:1.2
 $1\frac{1}{8} \times 11\frac{11}{16}''$ | EF=3.4 x

**90 mm ®ELMARIT f/2.8
lens-unit only**

$\infty - 19\frac{11}{16}''$ | 1:3.3
 $3\frac{1}{8} \times 43\frac{1}{4}''$ | EF=1.7 x

$19\frac{11}{16} - 15\frac{3}{8}''$ | 1:1.7
 $1\frac{9}{16} \times 23\frac{3}{8}''$ | EF=2.5 x

**135 mm Lenses
lens-units only**

$\infty - 38''$ | 1:5
 $4\frac{3}{4} \times 7\frac{1}{16}''$ | EF=1.4 x

$38 - 26''$ | 1:2.5
 $2\frac{3}{8} \times 3\frac{9}{16}''$ | EF=2 x

**90 mm ®SUMMICRON f/2
in short mount**

$\infty - 39\frac{3}{8}''$ | 1:9
 $8\frac{1}{2} \times 12\frac{3}{4}''$ | EF=1.2 x

$41 - 24''$ | 1:4.5
 $4\frac{1}{4} \times 6\frac{3}{8}''$ | EF=1.5 x

** 90 mm ELMAR lenses over No. 1572 401 are directly suitable for the focusing adapter No. 16 467. Lenses from No. 697 901 to No. 1572 400 must be returned for adjustment. Lenses below No. 697 900 are suitable, but may not reach infinity without adjustment.

**Image-erecting 4 x
eye-level prism magnifier**

16 460

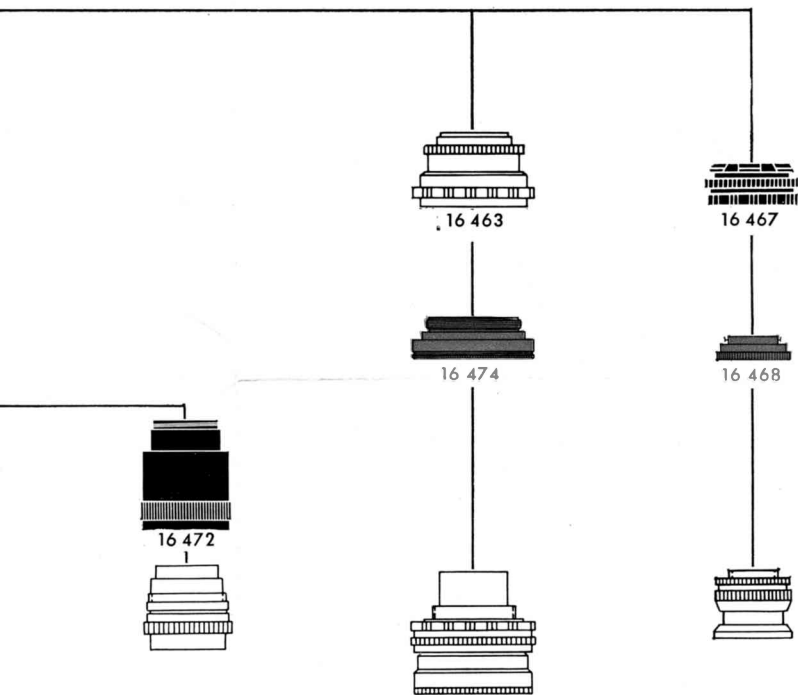
This diagram illustrates the great versatility
of the VISOFLEX II reflex housing with
interchangeable LEICA lenses.

Simple 5 x magnifier

(laterally reversed
image) 16 461

Black: Intermediate rings for normal working ranges

Red: intermediate rings required in addition for
close-up and macro work.



f/2.8

135 mm Lenses
lens-units only

f/3.5

$\infty - 38''$ | 1:5
 $4\frac{3}{4} \times 7\frac{1}{16}''$ | EF=1.4 x

f/4.5

$38 - 26''$ | 1:2.5
 $2\frac{3}{8} \times 3\frac{9}{16}''$ | EF=2 x

90 mm [®]SUMMICRON f/2
in short mount

$\infty - 39\frac{3}{8}''$ | 1:9
 $8\frac{1}{2} \times 12\frac{3}{4}''$ | EF=1.2 x

$41 - 24''$ | 1:4.5
 $4\frac{1}{4} \times 6\frac{3}{8}''$ | EF=1.5 x

90 mm [®]ELMAR f/4**
lens-unit only

$\infty - 39\frac{3}{8}''$ | 1:9
 $8\frac{1}{2} \times 12\frac{3}{4}''$ | EF=1.2 x

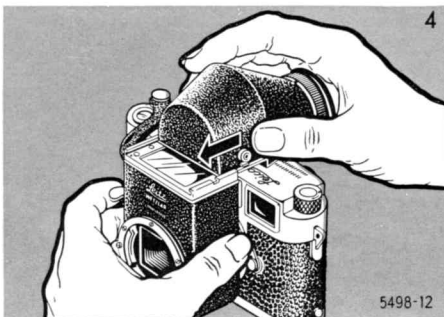
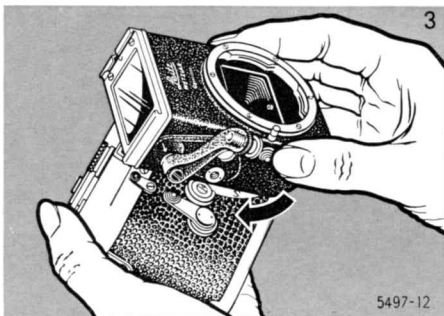
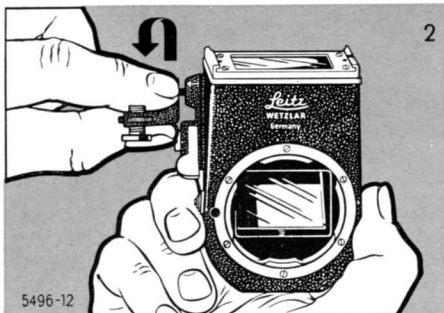
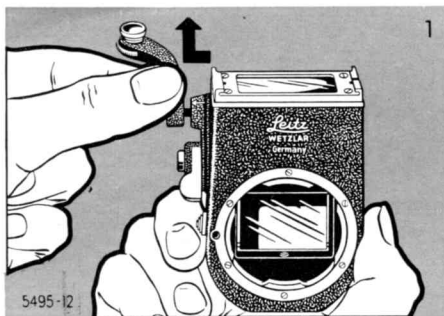
$43\frac{5}{16} - 24\frac{13}{16}''$ | 1:4.7
 $4\frac{7}{16} \times 6\frac{11}{16}''$ | EF=1.5 x

with 2 rings No. 16 468

$25\frac{9}{16} - 19\frac{11}{16}''$ | 1:3.2
 $4\frac{1}{2} \times 4\frac{9}{16}''$ | EF=1.7 x

g adapter No. 16 467. Lenses from No. 697901 to No. 1572400

it may not reach infinity without adjustment. www.orphancameras.com



The [®] **VISOFLEX II reflex housing** fits on the Leica like an interchangeable lens. It is available with either a bayonet or a screw mount. First pull the release lever of the reflex housing outwards (fig. 1) and swing it forward in the direction of the arrow (fig. 2). **Now you can fit the housing to the Leica.** Line up the red dot on the housing next to the red dot on the camera mount, and rotate the VISOFLEX to the right until the catch engages (fig. 3).^{*} Swing back the release lever so that the end with the setting screw is just above the release button of the Leica.^{**} Check the operation of the VISOFLEX II by pressing down the release lever. **The distance between the release lever and the camera release button should be about 1 mm** to make sure that the mirror always swings out of the way before the shutter runs down, even when releasing quickly. Adjust the distance with the **setting screw**. After the exposure, bring back the mirror into the viewing position by pressing the **return lever**.

Mount the 16460 or 16461 **viewing magnifier** on the reflex housing by sliding it on from the back. The catch (fig. 4) on the magnifier engages in this position; to remove the magnifier depress the catch. (The simple 16461 magnifier has no catch). Adjusting the magnifier eyepiece compensates for minor **eyesight variations**. The black circle and the fine grain ground glass screen must appear sharp when you point the VISOFLEX housing with the lens at the sky. Rotate the milled chrome ring on the magnifier to focus it.

The lens or lens unit to be used screws into the appropriate **intermediate helical mount**. This is then inserted in the VISOFLEX II with the two red dots on the mount and body next to each other, and locked in position by turning to the right. This engages a catch: when removing the lens push the same catch in the direction of the arrow engraved on it.

To focus the image on the ground glass screen, turn the milled ring of the intermediate helical mount. For maximum precision, focus

with the lens at full aperture. By stopping down you can then check the depth of field. At fast shutter speeds handheld shots are possible with the Leica and the VISOFLEX II.

For time exposures use a tripod with a ball-and-socket head, and release the shutter with a cable release which is screwed directly into the VISOFLEX II housing.

^{*} With Leica models fitted with a screw lens mount, the VISOFLEX II screws into the camera. If the attachment is askew when screwed in moderately tightly (in other words if the bottom edge of the VISOFLEX housing is not parallel with the base plate of the camera), slack off the three screws at the side of the screw mounting ring of the VISOFLEX II. Be sure to use a screwdriver of the right size. Then align the VISOFLEX attachment correctly and tighten the screws again.

^{**} The black extension piece screwed into the release lever of screw mount VISOFLEX II's is not required with Leica models I g and III g. Its purpose is to compensate for the difference in height between these and older Leica models.

® = registered trade mark

Design subject to alterations without notice.

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List **11-41c/Engl.**

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II/62/LX/L.

Depth-of-Field in inches and mm for Close-ups with the VISOFLEX II

Scale of Reproduction (image : object)	Approx. Field Size	f/5.6	f/8	f/11	f/16	Exposure Increase Factor
0.1 = 1:10	9.5 x 14.2" 240 x 360 mm	1.6" 40 mm	2.4" 60 mm	3.2" 80 mm	4.8" 120 mm	1.2 x
0.2 = 1:5	4.7 x 7.1" 120 x 180 mm	0.39" 10 mm	0.59" 15 mm	0.79" 20 mm	1.2" 30 mm	1.4 x
0.3 = 1:3.3	3.15 x 4.7" 80 x 120 mm	0.19" 5 mm	0.31" 8 mm	0.38" 10 mm	0.62" 16 mm	1.7 x
0.4 = 1:2.5	2.4 x 3.6" 60 x 90 mm	0.12" 3 mm	0.19" 5 mm	0.24" 6 mm	0.36" 9 mm	2 x
0.5 = 1:2	1.9 x 2.8" 48 x 72 mm	0.08" 2 mm	0.12" 3 mm	0.16" 4 mm	0.25" 6 mm	2.3 x
0.6 = 1:1.67	1.6 x 2.4" 40 x 60 mm	0.06" 1.7 mm	0.10" 2.5 mm	0.12" 3 mm	0.19" 5 mm	2.6 x
0.7 = 1:1.4	1.3 x 2" 34 x 51 mm	0.05" 1.3 mm	0.08" 2 mm	0.10" 2.5 mm	0.16" 4 mm	2.9 x
0.8 = 1:1.125	1.2 x 1.8" 30 x 45 mm	0.04" 1 mm	0.06" 1.5 mm	0.08" 2 mm	0.12" 3 mm	3 x
0.9 = 1:1.1	1.1 x 1.6" 27 x 40 mm	0.03" 0.9 mm	0.05" 1.3 mm	0.06" 1.7 mm	0.10" 2.5 mm	3.6 x
1 = 1:1	0.95 x 1.42" 24 x 36 mm	0.03" 0.7 mm	0.04" 1 mm	0.06" 1.4 mm	0.08" 2 mm	4 x

All values are rounded off

VISOFLEX II details

- ① Simple 5x magnifier (laterally reversed image) 16 461 with eyesight adjustment from + 2 to - 1.75 diopters
- ② Image-erecting, right-way-round 4x prism magnifier 16 460 with eyesight adjustment from + 1.75 to - 2.5 diopters
- ③ Release button with (beneath it) adjusting screw for timing mirror movement and shutter release
- ④ Release lever acting directly on LEICA release button, causing reflex mirror to rise before camera shutter is released
- ⑤ Bayonet fitting (or threaded mount) for attaching VISOFLEX II to LEICA camera body
- ⑥ Conical thread for standard cable releases
- ⑦ Adjusting screw (one of 3) for aligning VISOFLEX II with thread-mount LEICA camera
- ⑧ Finegrain groundglass focusing screen with etched-in black circle to aid in individually adjusting the eyepiece
- ⑨ Return-lever for the reflex mirror
- ⑩ Reflex mirror
- ⑪ Catch for locking or releasing the interchangeable lens
- ⑫ Tripod sockets, $\frac{3}{8}$ inch and $\frac{1}{4}$ inch.