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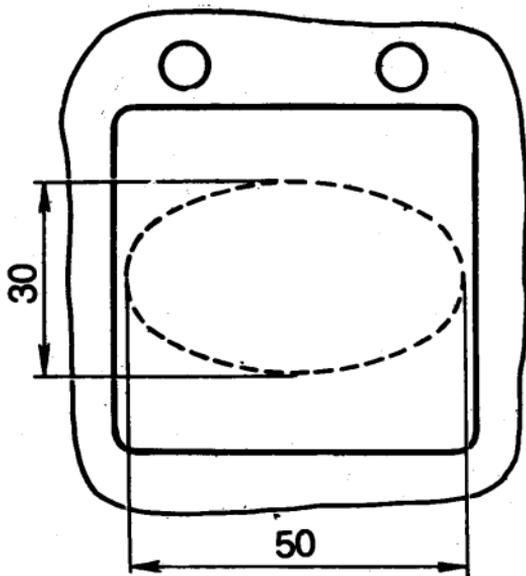
# **Kiev 88** TTL Metering Viewfinder

*INSTRUCTIONS  
MANUAL*

The TTL metering viewfinder is used as an interchangeable one for the KIEV 88 camera and permits to obtain an upright image of the object in viewing.

Built into the viewfinder a galvanometerless exposure time meter with a light indication is intended for determining an exposure by light passed via the lens.

Integral brightness of the image on the ground glass surface of the camera viewfinder is measured by means of the exposure time meter. The field of the exposure time meter is in the central part of the viewfinder field of vision and has an oval shape (ref. to the Figure).



The exposure time meter ensures measurements in the range of brightness EV from 4 to 17 at the film speed value in ISO units equal to 100. For influence of the outside light to be eliminated an eyecup is used.

## SPECIFICATIONS

Visible in viewfinder image field, mm	53 × 53
Magnification	3X
Power supply voltage, V <i>3xK5T6CR =</i>	4.5
Overall dimensions of power supply source, mm:	
diameter	11.6
length	16.2
Overall dimensions of viewfinder with cap, mm	73 × 79 × 123

There seems to be three types of versions of batteries. There are adapters on Ebay or other sites. Use image below.

## DELIVERY SET

TTL metering viewfinder	1
Cap	1
Eyecup	1
Instruction Manual	1 !
Packing	1

# KIEV 88 TTL Prism

Check which  
adapter you need



You've bought  
**ADAPTER A**

3 Different contacts and a battery hole



You've bought



**ADAPTER A**



**ADAPTER B**



Only need  
4x LR44  
(NO Adapter)



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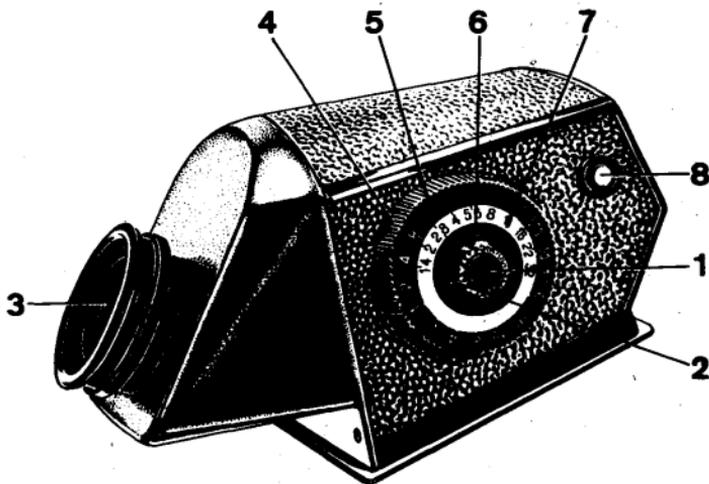
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## DETERMINING THE EXPOSURE TIME WITH THE AID OF THE TTL METERING VIEWFINDER

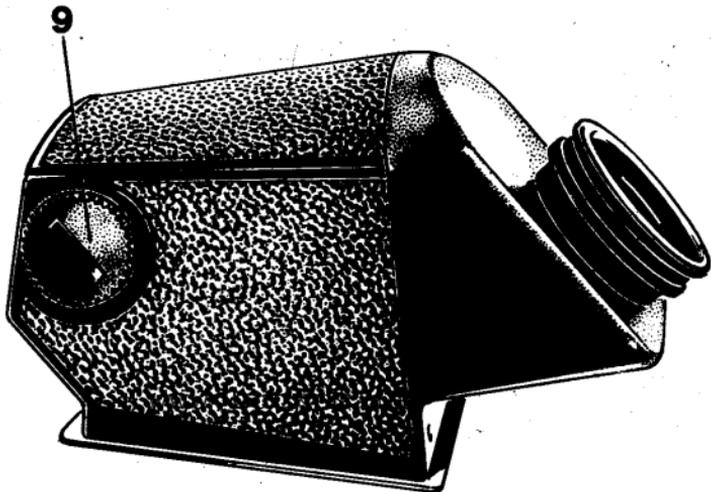
Set on the calculator the value of the film sensitivity by turning handle 1 until the film speed value appears in window 2.

Set on the calculator the value of the lens speed by turning ring with scale 7 until the appropriate value coincides with index 6. By the lens speed is meant the number corresponding to the maximum relative aperture, e.g. for VOLNA lens—2.8.



Turn on the exposure time meter having depressed button 8.

While viewing in viewfinder eyepiece 3 aim the camera on the object so that its image be arranged within the field of measurement of the viewfinder.



Depending on the brightness of the object being photographed, in the upper part of the field of vision of the viewfinder you will see the luminescence of one of the signals:



"Little light"



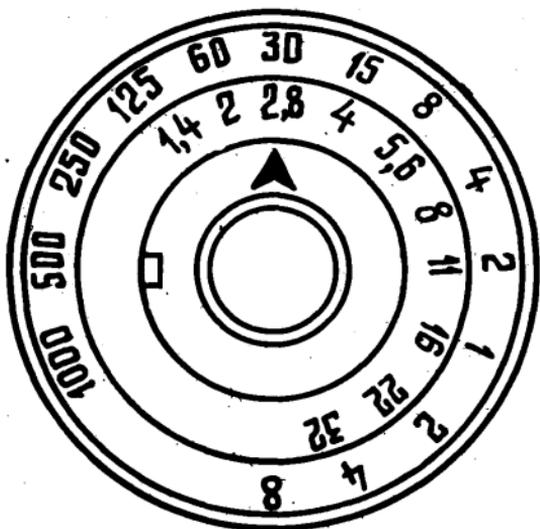
"Much light"



"Sufficient light"

Should the "Little light" red signal located on the left in the field of vision of the viewfinder be seen, slowly turn ring 4 counter-clockwise until the second red signal appears. Should the "Much light" red signal located on the right be seen, turn ring 4 clockwise until the second red signal appears. With the calculator in this position (two red signals light up), choose the "exposure-diaphragm" pair required for photographing by using exposure scale 5 and diaphragm scale 7, e.g. exposure 1/30 s is opposite diaphragm value 2.8 (ref. to the Figure), 1/15 s is opposite 4, 1/8 s is opposite 5.6, 1/2 s is opposite 11.

Set the values of exposure and diaphragm, chosen for photographing, on the camera exposure scale and on the lens diaphragm scale.



The exposure time meter will operate for approximately 15 s, then it will automatically turn off. For its repeated turning on depress button 8 again.

### REPLACEMENT OF POWER SUPPLY SOURCE

The serviceability of the power supply source is controlled by means of lighting signals which light up in the field of vision of the viewfinder eyepiece.

The absence of signals with button 8 depressed is indicative of the necessity of replacement of the power supply source.

To replace the power supply source unscrew cap 9 and observing the polarity of the power supply source install it into the seat.

### STORAGE AND UPKEEP

Protect the viewfinder against dust, moisture, sharp impacts and jolting. Store it in the dry premises at normal temperature. Slightly wipe the external surfaces of the viewfinder optical parts with clean cloth.

### ACCEPTANCE CERTIFICATE

The TTL metering viewfinder, Serial No. <sup>250</sup> ~~933~~ ~~726~~ meets the engineering documentation and is found fit for service.

Date of manufacture \_\_\_\_\_

Accepted by \_\_\_\_\_  
signature