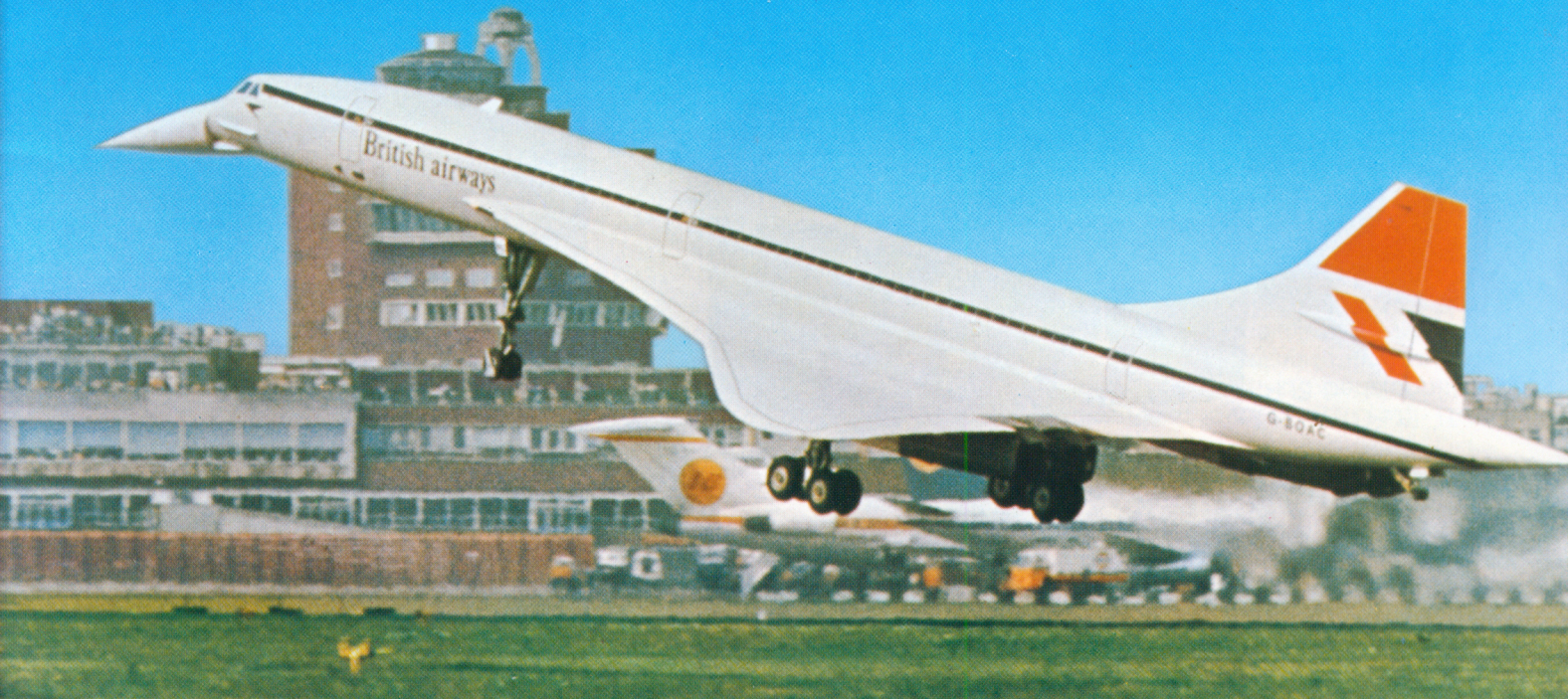




YASHICA

TL-ELECTRO



Unparalleled Precision and Convenience

The TL-ELECTRO was designed with you in mind. It is as practical and easy to handle as a camera can be. Every knob, button and control was thought out to be convenient for human hands to use. No fumbling.

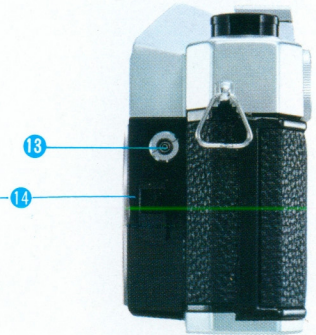
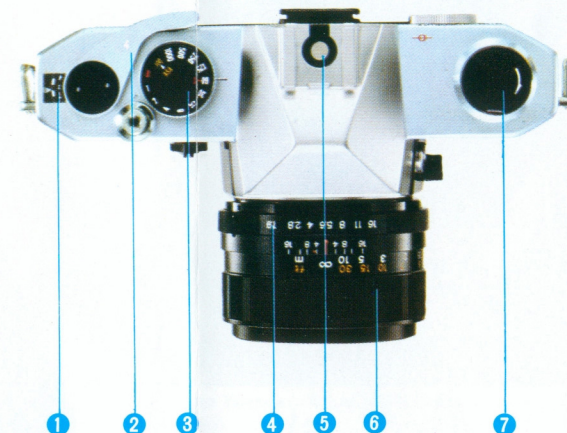
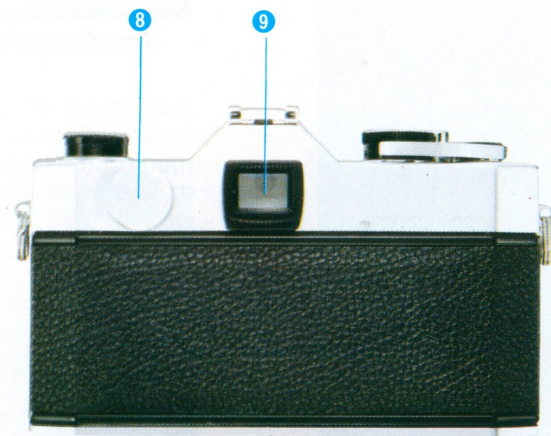
For example, the lens barrel is fitted with a soft rubber ring for non-slip focusing, and the unique IC Brain Exposure Read-out System reduces getting a perfect exposure every time to its simplest terms.

In this readout system, the usual light meter needle has been replaced by a solid-state IC Brain. And the Brain is connected to the focal plane shutter by the flexible circuit board — the newest electronic development.

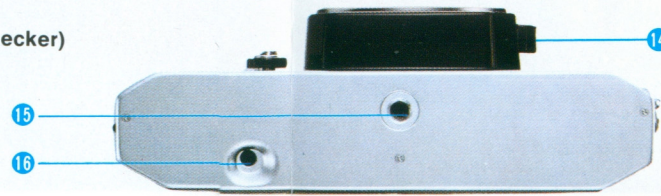
All the significant controls — shutter speed, ASA film speed, lens aperture — are conveniently located and easy to operate. The pentaprism TTL reflex viewfinder is fresnel backed for corner-to-corner brightness and incorporates a microprism in the center for accurate focusing. Film loading, battery changing, rewinding are all simple.

Inside and out everything has been designed for functional ease to complement the precision and convenience of the camera in every field of photography.

- ① Automatic Resetting Exposure Counter
- ② Film Advance Lever
- ③ Shutter Speed Control Dial/Film Speed Dial
- ④ Aperture Ring
- ⑤ Accessory Shoe (X Contact Hot-Shoe)
- ⑥ Focusing Ring
- ⑦ Film Rewind Knob/Back Cover Release
- ⑧ Battery Compartment Cover
- ⑨ Viewfinder Eyepiece
- ⑩ Shutter Release Button
- ⑪ Self-Timer Lever
- ⑫ Taking Lens



- ⑬ Synchro Terminal (automatic FP-X selector)
- ⑭ Exposure Activator Switch (Doubles as Battery Checker)
- ⑮ Tripod Socket
- ⑯ Film Rewind Release Button



FEATURES

- Lens:** New Auto Yashinon-DS f/1.9 50 mm lens; 6 elements in 5 groups (f/1.7 and f/1.4 lens also available); stops down to f/16
- Shutter:** Focal plane shutter with speeds from 1 second to 1/1000 sec., and "B"; intermediate speeds from 1/60 sec. to 1/1000 sec.; self-timer and automatic FP-X sync.
- Exposure Control:** Thru-the-Lens CdS light measuring system; New IC Electronic Exposure Readout (three-way lamp indicator); ASA range 12-1600; Sensitivity range EV1-18 at ASA 100; two 1.4V mercury batteries are used to power the exposure control system (Malory RM-640 or equivalent).
- Viewfinder:** Reflex viewfinder with microprism focusing spot, ground-glass collar for depth-of-field analysis; focusing from 0.5 meter (1 ft. 8 in.) to infinity; three-way exposure indicator lamp visible in the viewfinder.
- Film Transport:** Ratchet-type film advance lever; automatic resetting exposure counter; crankhandle film rewind.
- Other Features:** Direct contact shoe (X sync.); multi-slot take-up spool for quick, easy loading; eyecup with provision for prescription lens.
- Lens Shade:** 54mm slip-on type
- Filter:** 52mm screw-in type
- Dimensions:** 145×94×95mm (5¹¹/₁₆×3¹/₁₆×3³/₄ in.)
- Weight:** 920 gr (32-7/16 oz) with f/1.9 lens

TL-ELECTRO's IC Brain Exposure Readout Gives Perfect Exposure Under All Light Conditions

The TL-ELECTRO is loaded with features, but what makes it such a distinguished SLR is its unique IC Brain Exposure Readout. Its exposure control system is completely electronic and far more accurate than other systems because all functions are controlled by a high-precision IC Brain.

First, set the ASA film speed. The usual next step is preselecting the shutter speed (but, alternatively, you can preselect the lens aperture). Then, depress the Exposure Activator Switch after focusing and composing. You will now see a green light on the right side of the viewfinder frame. When only the upper half lights up, it indicates over-exposure; when only the lower half, under-exposure. All that is necessary to achieve correct exposure is to rotate the Aperture Ring (or change the shutter speed setting) until the green lamp forms a complete '0' symbol. This green '0' means that the exposure will be perfect and that you can go ahead and shoot.



How the IC Brain Works

When you set the film speed and shutter speed, you are actually programming the IC Brain for correct exposure reading. The IC Brain then functions to achieve an electrical balance of two currents, one of which varies according to the aforementioned programming, and the other controlled by the CdS resistance. When properly balanced through adjustment of either the lens aperture or shutter speed, the green '0' symbol appears

Mode of Light Reading

The TL-ELECTRO offers the advantage and precision of Thru-the-Lens (TTL) average light reading at stopped-down aperture. As soon as you depress the Exposure Activator Switch, the lens diaphragm closes down to the preselected setting and the CdS sensors in the pentaprism housing read the light equivalent to that which reaches the film plane.

Exposure Activator Switch

The switch automatically resets to its original position after the shutter has been operated. It also serves as a battery checker and can be reset manually.

In-Between Shutter Speeds

Another big feature is the range of shutter speeds. You get a full range of speeds from 1 second to 1/1000 sec. And you can even select in-between speeds from 1/60 sec. through 1/1000 sec. for truly outstanding exposure precision.

System Versatility and Flexibility

The TL-ELECTRO comes with an Auto Yashinon-DS f/1.9 50mm Standard Lens, truly 'above standard' in quality and performance. For those who want to take full advantage of the TL-ELECTRO, a wide range of other lenses is available — 20mm to 1000mm, plus zoom lenses — as well as all conceivable accessories. Whatever lens or accessory is used, the TL-ELECTRO's TTL IC Brain Exposure Readout system assures the same high efficiency and accuracy of exposure setting.



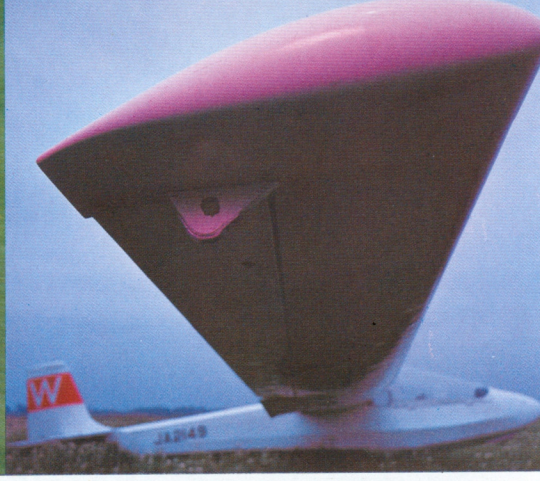
YASHICA TL-ELECTRO



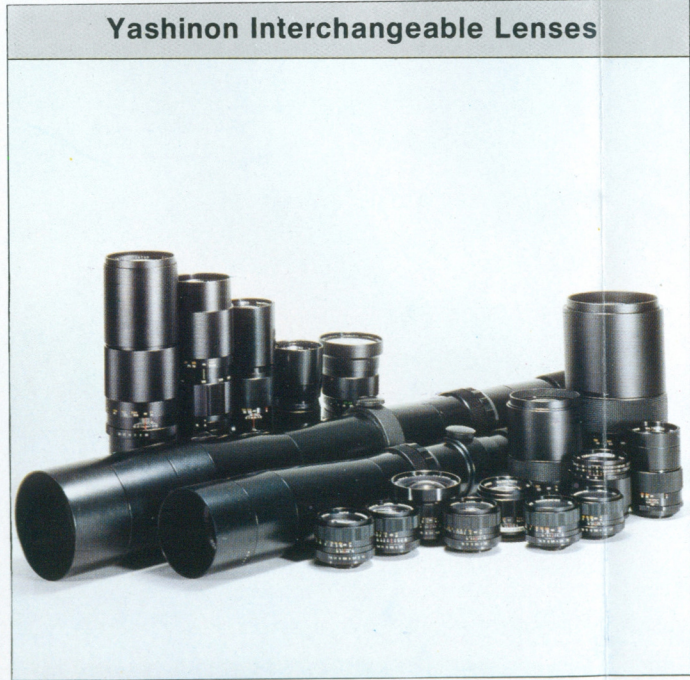
Auto Yashinon DS-M 135mm—f/8 at 1/60 sec.



Auto Yashinon Zoom 75~230mm—f/11 at 1/4 sec.



Auto Yashinon-DS 20mm — f/5.6 at 1/30 sec.



	20 mm	24 mm	28 mm	35 mm	50 mm	50 mm	50 mm	55 mm
Model	Auto Yashinon-DS	Auto Yashinon DS-M	Auto Yashinon DS-M	Auto Yashinon DS-M	Auto Yashinon DS-M	Auto Yashinon DS-M	Auto Yashinon-DS	Auto Yashinon DS-M
Aperture	f/3.3-1/22	f/2.8-1/16	f/2.8-1/16	f/2.8-1/16	f/1.4-1/16	f/1.7-1/16	f/1.9-1/16	f/1.2-1/16
Composition	11-9	9-8	8-7	7-6	7-6	6-5	6-5	7-6
Diaphragm	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Angle of View	94°30'	84°	76°	64°	46°	46°	46°	41°50'
Minimum Focus	0.3m	0.3m	0.3m	0.3m	0.5m	0.5m	0.5m	0.5m
Filter Size	72mm	62mm	52mm	52mm	55mm	52mm	52mm	55mm
Weight (gr.)	320	280	240	220	280	220	220	340
	MACRO 60mm	135 mm	200 mm	300 mm	400 mm	500 mm	1000 mm	ZOOM 75-230mm
Model	Macro Yashinon	Auto Yashinon DS-M	Auto Yashinon DS-M	Auto Yashinon-DX	Auto Yashinon-DX	Reflex Yashinon-DX	Reflex Yashinon-DX	Auto Yashinon Zoom
Aperture	f/1.2-1/22	f/2.8-1/22	f/4-1/22	f/5.6-1/22	f/5.6-1/32	f/8 only	f/11 only	f/4.5-1/22
Composition	5-4	5-4	5-4	5-4	5-5	6-5	6-5	13-8
Diaphragm	Preset	Automatic	Automatic	Automatic	Automatic	—	—	Automatic
Angle of View	40°	18°	12°20'	8°10'	6°10'	5°	2°30'	32°22'~10°46'
Minimum Focus	0.235m	1.5m	2.5m	4.5m	8m	4m	8m	2.5m
Filter Size	58mm	55mm	55mm	58mm	77mm	Slide-in type filter	Turret type filter	67mm
Weight (gr.)	400	500	560	780	1,665	900	2,300	1,350

AUTO YASHIKOR Interchangeable Lenses

For the budget-minded users of the TL-Electro, Yashica offers a range of high performance second line lenses. Marketed as the Auto Yashikor, a choice of four lenses is provided. All feature fully automatic diaphragm action ... all assure superb image quality.



AUTO YASHIKOR 28mm f/2.8

- Lens Composition: 7 elements in 6 groups
- Angle of View: 74° • Minimum Focus: 0.3m (1 ft) • Fully automatic diaphragm action
- Minimum Aperture: f/22 • Weight: 270 grams (9-1/2 oz) • Size: 67 x 59mm (2-11/16 x 2-3/8 in)

AUTO YASHIKOR 135mm f/2.8

- Lens Composition: 4 elements in 4 groups
- Angle of View: 18° 46' • Minimum Focus: 1.5m (5ft) • Fully automatic diaphragm action
- Minimum Aperture: f/22 • Weight: 420 grams (14-3/16 oz) • Size: 67 x 93mm (2-3/4 x 3-11/16 in) • Built-in lens shade

AUTO YASHIKOR 35mm f/2.8

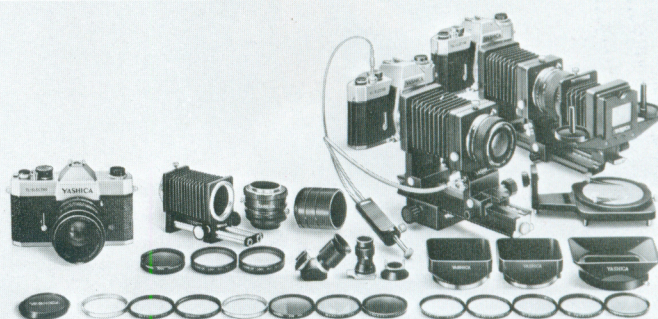
- Lens Composition: 6 elements in 5 groups
- Angle of View: 63° • Minimum Focus: 0.5m (19-5/8 in) • Fully automatic diaphragm action
- Minimum Aperture: f/22 • Weight: 220 grams (7-3/4 oz) • Size: 62.5 x 66mm (2-1/2 x 2-5/8 in)

AUTO YASHIKOR 200mm f/3.5

- Lens Composition: 6 elements in 5 groups
- Angle of View: 12° 24' • Minimum Focus: 2.5m (8ft) • Fully automatic diaphragm action
- Minimum Aperture: f/22 • Weight: 530 grams (18-3/4 oz) • Size: 69 x 126mm (2-3/4 x 5 in) • Built-in lens shade

System Accessories

To extend the scope of application of the TL-Electro, a wide range of system accessories are available. Whether it is close-up, macro-photography or photomicrography, the camera's Thru-the-Lens IC Exposure Readout will home in on precise exposure, every time.



AUTO EXTENSION BELLOWS SET

Permits most convenient close-up and copying work with the lens mounted in normal or reserved position. Fully automatic diaphragm action with the aid of a double cable release.

FOCUSING RAIL

Attaches to base of Auto Extension Bellows to facilitate focusing.

MACRO STAND

Used in concert with Auto Extension Bellows for photographing small specimens, etc. Features interchangeable stage glass.

AUTO EXTENSION TUBE SET.

Set consists of three tubes, affording use either singly or in combination, for different degrees of magnification. Fully automatic diaphragm action.

MAGNIFIER

Permits viewing of center area of finder field at a high ratio of magnification.

MANUAL EXTENSION BELLOWS Model III

Double-track attachment for close-up and copying work. Features convenient aperture stop-down control.

MICROSCOPE ADAPTER

Fits to all standard microscopes.

RIGHT-ANGLE FINDER

Affording viewing and focusing at 90° to optical axis.

CLOSE-UP LENS SET

Consists of No. 1 and No. 2 with different ratio of magnification.

COPY STAND Type II

Rigid stand with pantograph sliding arm and adjustable lamp arms.

OTHER ACCESSORIES

Include Rubber Eye-cup, Diopter Lens (8 types), electronic flash units, filters, lens shades and cable release.

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