

 **FUJIFILM**
I&I-Imaging & Information

GX680 II

Professional

www.ianbfoto.com



NEW
FORMAT
6x8

A wide range of perfect images from one versatile camera: the Fujifilm GX680 II



Scales up to standard A/B page sizes

Similar aspect ratio to 8 × 10

With useful features that simplify operation, the GX680 II lightens the burden of the professional photographer, freeing you to concentrate on shooting. Our comprehensive lineup of high-quality lenses means there's sure to be one to capture the exact image you need. Excellent for both studio and location work, the 6 × 8cm format of the GX680 II facilitates precise framing, cropping and trimming. As its aspect ratio is similar to that of 8 × 10, the 6 × 8cm format can be scaled up to standard publication sizes with no need for trimming, so it's perfect for commercial photography. The 56 × 76mm image area provides superior quality and resolution with ample room for cropping. This format makes the GX680 II so versatile that you can use it for anything from studio product shots to outdoor commercial work. If your business depends on producing perfect images, the versatile, impeccable-quality GX680 II is the perfect camera.



6 × 9cm



6 × 8cm



6 × 7cm

Designed and equipped for precision lens movements to give you total image control



Rise/fall—15mm/13mm

In architectural photography, especially with modern high-rise cityscapes, photographers must overcome perspective distortion. Raising the lens front of the GX680 II corrects strong perspective-distorting effects quickly and simply. Conversely, lowering the lens corrects the common perspective-distorting effect in portraits that causes a subject's head to appear disproportionately large, ensuring portraits with good overall balance.



Tilt—12° up/down

Selective depth of field is important for commercial photography, and tilt movements provide the photographer with the ability to control depth of field precisely. By tilting up the lens front of the GX680 II, you can reduce the number of aperture stop-down steps needed to extend the area of sharpest focus to encompass the entire scene, therefore reducing the need for flash. And because they don't distort the shape of objects, tilt movements are perfect for closeups of small objects and food, as well as other general commercial photography applications.



Swing—12° left/right

Creative fashion and commercial shots frequently call for unusual angles, but shooting from these angles usually causes distortion. Swing movements of the GX680 II help you take these shots without distortion. They create a sharply defined zone of clear focus at an angle across the subject, allowing you to control the image effectively.



Shift—15mm left/right

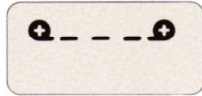
Shift movements of the GX680 II make it possible for you to place your subject precisely in the frame. They are also useful for avoiding potentially distracting reflections when shooting through glass or taking shots of bright, reflective objects.

Fast, convenient operation

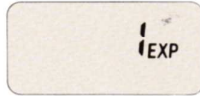
Film status indicated on LCD panel



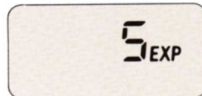
Film not loaded/not advanced



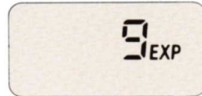
Film advancing



Frame 1 automatically positioned



Frame 5 positioned for exposure



Frame 9 positioned for exposure: last frame warning buzzer sounds for 120 film holder (For 220 holder, buzzer sounds after frame 18)



End of roll/film winding complete

Motor drives and LCD panel for fast, sure operation

The GX680 II has many features that enhance convenience and ease of use. Among those features unique to Fujifilm and the GX680 II is automatic advancement to the first frame with both 120 and 220 roll film. For even more user-friendly operation, especially with rapid-sequence shooting, the GX680 II's key components—including the shutter, diaphragm, mirror and film advance mechanism—are motorized. And central monitoring of these key components means that an LCD panel displays all the important information, including film count, advance status, total shots and the end of the roll.



To remove 120/220 film holders, rotate 45° counterclockwise; to change from horizontal to vertical format, rotate 90° clockwise.

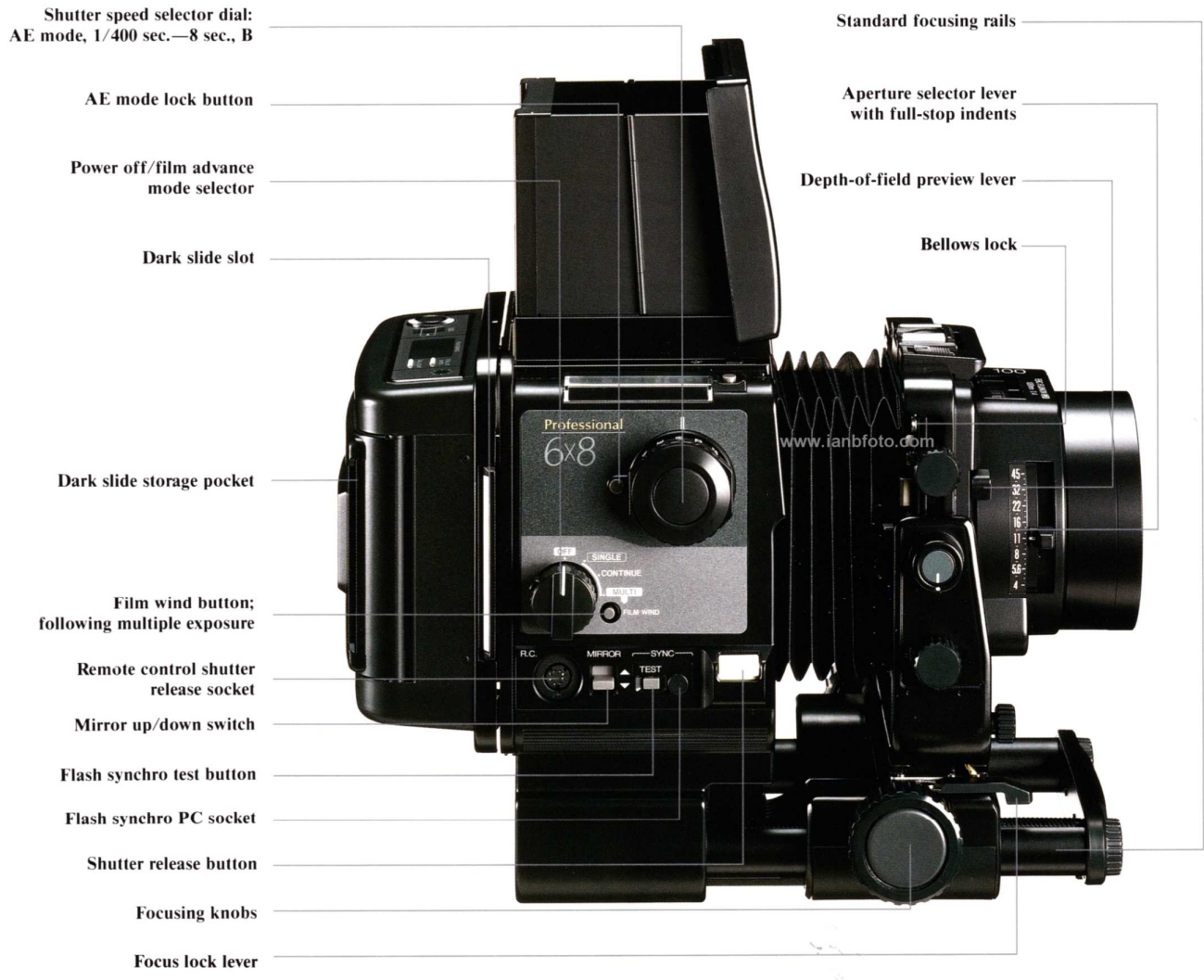


The frame mark in the real-image viewfinder changes to match the format, whether horizontal or vertical, so you can take perfect photos every time.

Real-image viewfinder and interchangeable, revolving film holders simplify film and format changes

With the GX680 II's real-image viewfinder, you can frame your subject exactly as you want with remarkable speed and accuracy. To change between vertical and horizontal formats, all you have to do is press the revolving lock release button and rotate the GX680 II's revolving film holders. The frame mark in the viewfinder will change automatically to match the format, so you always know whether you're set up to shoot horizontal or vertical format. To further offer professionals a fast and effective system for meeting precise photographic needs, the GX680 II's film holders are interchangeable for 120, 220 and instant film. A compatible 6 × 7cm film holder and a focusing screen are also available.

Design innovations and a comprehensive set of features for tremendous versatility



FUJIFILM GX680 II Body Specifications

Type: 6 × 8cm TTL between-the-lens electronic shutter SLR camera.
Film format: 56 × 76mm; horizontal/vertical format.
Film sizes: 120 half-roll film (4 exposure), 120 roll film (9 exposure), 220 roll film (18 exposure), instant peelapart type film.
Interchangeable lens mount: EBC Fujinon mount; optional Linhof Technika adaptor board for Fujinon W180, W210, W250, SF180, A180, A240 and T300 4 × 5" format lenses.
Lens shutter: Electronically-controlled between-the-lens shutter: B, 8 sec.—1/400 sec.; aperture lever with full stop indents; aperture confirmation window; depth-of-field preview lever; motor-driven shutter setting, firing & cocking.
Flash synchro: X-contact synchronous at all shutter speeds; M-level synchro at 1/30 sec. or slower; lens-mounted hot shoe; body synchro socket; synchro test button.
Shutter release: Electromagnetic type; optional 1m/5m remote release.
Mirror: Automatic instant-return type; motor-driven; mirror up/down switch.
Multiple exposure: Multiple exposure setting; film wind button.

Interchangeable viewfinder: SLR waist-level type; interchangeable focusing screens: central microprism matte-type screen standard; interchangeable finder: one-touch folding hood-type standard; magnification: 2.5x; fine focus interchangeable dioptic correction lens: -1 diopter standard, optional -4, -3, -2, 0, +1, +2, +3 diopter lenses; field of view: 97% of actual picture; frame coverage greater than 8 × 8cm; automatic aligning frame guide; optional AE aperture-priority finder FL; optional magnifier hood; optional angle finder II.
Interchangeable film holder: Rotating; 120/220 interchangeable film cassettes; landscape/portrait positions; ER-3 backup lithium battery with 5-year life; film speed dial; dark slide slot; dark slide storage pocket; film reminder pocket; memo board; film running indicator synchronized with spool axis; optional instant film holder/instant film holder II.
Film advance: Automatic 120/220 first frame location by twin infrared diode photocouplers; motor-driven film advance: single, continuous and multiple exposure modes; film wind button; winder speed: approx. 1 frame-per-second; automatic winding to roll end after last frame.
Film speed: ISO 25—1600 settings in 1/3 EV stop increments.
Film counter: LCD multi-mode display: film count, running, end, total exposures; built-in illuminator.



Folding waist-level finder

The tight seal of the newly-developed viewfinder hood prevents interference from outside light, dust, and condensation caused by breath, ensuring a clear, steady viewfinder image. The waist-level finder, with its sophisticated curved design, assures that you can see the focusing screen clearly—a necessity for delicate focusing adjustments.



Bellows lock

The GX680 II's bellows has a new double-lock system for safety with convenient one-touch operation. This lock prevents the bellows from opening if the release buttons are accidentally pushed, protecting valuable images from being exposed to light. Your photos have never been safer.



Focus lock lever

The new focus lock lever prevents the focusing knobs from shifting. This durable lever is particularly important for long-term professional use, because it ensures that you can achieve perfect, steady focus for the long life of the camera.



Focus: Standard interchangeable bellows: dual focusing knobs with focus lock lever, maximum extension 65mm; optional 40mm/80mm extension rails; optional long bellows, wide-angle bellows, extended wide-angle bellows.

Front movements: Separate locking knobs for each movement with central position indents; twin locking knobs on front standard for rise: 15mm, fall: 13mm; front release knob for shift: ±15mm of center; left-hand release lever for swing: 12° left/right; bottom twin lock knobs for tilt: 12° up/down. (Range of movements varies depending on combination of movements.)

Exposure metering: Direct metering by silicon photo diode; meters 25mm central area film; metering range: EV4—EV18 at ISO 100 with GX100 mm F4 lens; exposure warning LEDs: correct, over/under exposure.

Exposure control: Optional AE finder: microprocessor-controlled TTL aperture-priority exposure metering; full-aperture TTL light metering by silicon photo diode of central viewfinder screen area; metering range: EV1—EV19.5 at ISO 100 with GX100 mm F4 lens; TTL flash metering activated by synchro test button; real-time TTL flash metering during exposure; LCD panel displays F number, shutter

speed set in 1/3 EV stop increments; AE memory lock; exposure compensation settings: -5, -2-1/2, -2, -1-1/2, -1, -2/3, -1/2, -1/3, 0, +1/3, +1/2, +2/3, +1, +1-1/2, +2, +2-1/2 stops. Exposure confirmation; correct exposure: green "EXP", over/under exposure: red +/-; standby: green steady, not ready: blinking; battery check OK: green steady, battery low: orange blinking; malfunction: green and orange blink alternately. Last frame; malfunction; over/under exposure when remote release connected; adjustable volume.

LED visual displays:

Audible warnings:

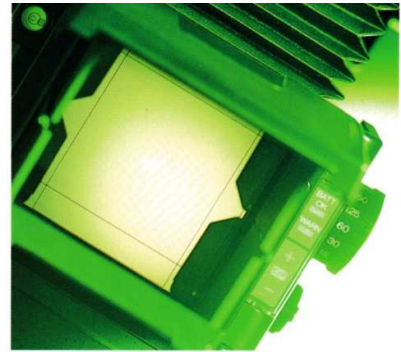
Power source: Optional 7.2 volt, 350 milliamp Ni-Cd battery pack, 350 exposures at full charge at one shot per minute, recharge time: 60 min.; 15 min. auto-off, body on/off switch; optional AC mains DC power supply unit.

Dimensions: 187mm(W) × 278mm(L) × 207mm(H).

Weight: 4,256g; GX680 II body, 120 film holder, GX135 mm F5.6 lens and battery pack.

Standard accessories: Folding finder hood; standard bellows; standard finder screen; central microprism matte-type.

The sophisticated features pros need



Precision electronic lens shutter

Electronically controlled between-the-lens shutters deliver precise shutter speeds from 1/400 sec. to 8 seconds, as well as B-setting. Shutter setting, firing and cocking are all motor-driven for rapid 1 frame-per-second sequential shooting. And a sophisticated microprocessor controls stop-down to ensure precise aperture setting.

Exposure monitor

A silicon photo diode provides precise, real-time, direct metering of the light actually reaching the film in any light situation: natural, flash or a combination of both. A green LED display shows "EXP" to indicate the correct exposure setting, while red LED +/- lights indicate over/under exposure. The AE Finder FL provides aperture-priority light metering, with or without flash.

Synchro socket and hot shoe

Full flash synchronization at every shutter speed, plus M-level synchro at 1/30 sec. or slower, ensures that the light is always right. Commercial photographers will appreciate the ability to use multiple flashes, which make it possible to gain depth of field without darkening the studio or dimming modeling lights. A fast shutter speed minimizes ambient light, so you can simply fire the flash as many times as necessary. The front hot shoe securely attaches accessories such as remote control units.

Standby monitor

Electronic monitoring of many key components—including the shutter, diaphragm, mirror, battery and film advance mechanism—guarantees sure and easy operation. A green LED indicator beside the viewfinder shows when the GX680 II is ready to shoot, while an orange LED indicator shows that the battery is low or a malfunction has occurred.

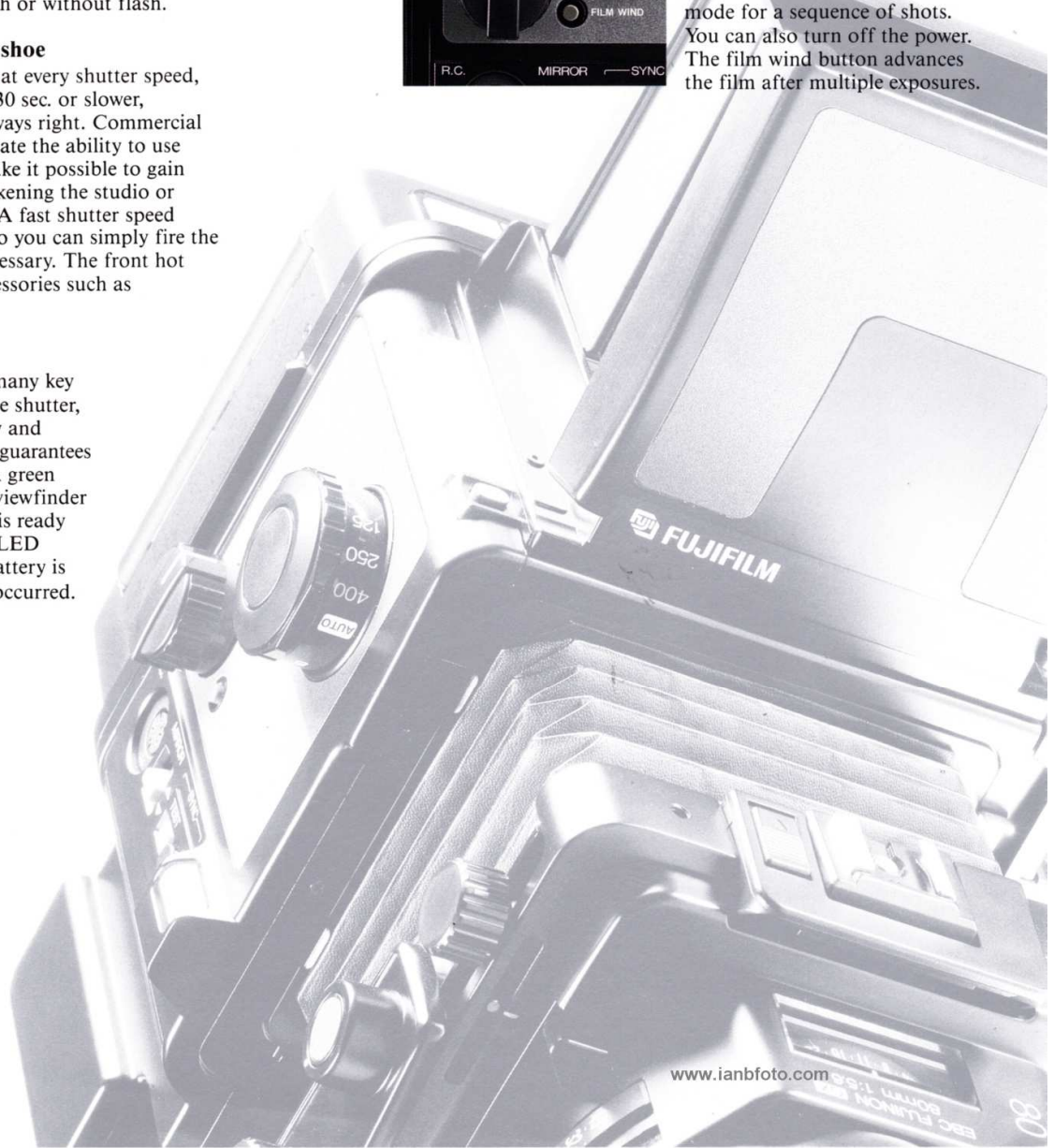
Synchro test button

Complex studio lighting set-ups can be a constant source of frustration. There's a simple solution—the GX680 II's synchro test button. It tests the X-contact connections without releasing the shutter. It also permits test-firing of lighting for exposure checks.



Mode dial

With the large mode dial, you can quickly and conveniently select single shot mode, multiple exposure mode, or continuous mode for a sequence of shots. You can also turn off the power. The film wind button advances the film after multiple exposures.



A complete range of high-quality lenses lets you create just the image you want

At the heart of the GX System is an impressive lens lineup that provides exceptional versatility, so there's always a lens to capture the image you need. The lenses' quality design allows you to create sharp images with the finest of details. When the apertures are fully opened, these lenses deliver the kind of beautiful blurring that is ideal for portrait photography. All of our many lenses are treated with Super EBC (Electron Beam Coating), our unique multi-coating system, for perfect quality and superb performance. As a result, this wide range of lenses provides you with the tools you need to achieve sharp, bright, expressive photographs free from annoying ghosting or flaring.



300mm

Type	Wide angle						
	 New				 New		
Super EBC Fujinon lens	GX50 mm F5.6	GX65 mm F5.6	GX80 mm F5.6	GX100 mm F4	GXD115 mm F3.2	GXD125 mm F3.2	
Optical construction (groups-elements)	9-12	9-10	8-8	8-8	6-8	6-8	
Angle of view (6 × 8cm)	86.7°	72°	61.1°	50.5°	44.6°	41.4°	
Focal length (4 × 5" equivalent)	82mm	100mm	125mm	156mm	188mm	196mm	
Shutter							
Minimum aperture	45			32			
With standard rail	Minimum focus	0.31m	0.35m	0.39m	0.47m	0.50m	0.55m
	Maximum magnification	1.21X	0.90X	0.77X	0.59X	0.55X	0.51X
	Objective size	4.6 × 6.3cm	6.2 × 8.4cm	7.3 × 9.9cm	9.5 × 12.9cm	10.1 × 13.7cm	11.0 × 14.9cm
With 40mm extension rail	Minimum focus	0.33m	0.36m	0.39m	0.44m	0.46m	0.50m
	Maximum magnification	2.01X	1.51X	1.27X	0.98X	0.90X	0.83X
	Objective size	2.8 × 3.8cm	3.7 × 5.0cm	4.4 × 6.0cm	5.7 × 7.8cm	6.2 × 8.4cm	6.74 × 9.15cm
Filter diameter (screw-in type)	112mm	95mm		82mm	95mm		
Dimensions (H × W × L)	107 × 101 × 125mm	107 × 101 × 116mm	107 × 101 × 113mm	107 × 101 × 101mm	107 × 101 × 92.5mm	107 × 101 × 96mm	
Weight	1,260g	1,190g	1,022g	890g	860g	880g	



180mm



135mm



65mm

Standard					Telephoto			Special use
GX125 mm F5.6	GX135 mm F5.6	GX150 mm F4.5	GXD180 mm F3.2	GX180 mm F5.6	GX210 mm F5.6	GX250 mm F5.6	GX300 mm F6.3	SF190 mm F8
5-6	6-6	4-6	5-7	6-6	5-5	4-5	5-5	3-3
41.4°	38.5°	34.9°	29.4°	29.4°	25.3°	21.4°	17.9°	27.9°
196mm	216mm	240mm	282mm	282mm	324mm	401mm	488mm	313mm
SEIKO #1 electronically-controlled lens shutter								
45			32	64				
0.57m	0.64m	0.72m	0.97m	1.18m	1.43m	2.56m	3.45m	1.52m
0.47X	0.43X	0.42X	0.30X	0.23X	0.22X	0.12X	0.11X	0.17X
11.9×16.2cm	13.0×17.7cm	13.3×18.1cm	18.5×25.2cm	24.3×33.0cm	25.5×34.5cm	46.7×63.3cm	50.9×69.1cm	32.9×44.7cm
0.51m	0.55m	0.62m	0.75m	0.84m	1.02m	1.45m	1.92m	0.95m
0.79X	0.73X	0.69X	0.52X	0.45X	0.41X	0.28X	0.24X	0.38X
7.1×9.6cm	7.7×10.4cm	8.1×11.0cm	10.7×14.5cm	12.4×16.9cm	13.7×18.5cm	20.0×27.1cm	23.3×31.7cm	14.7×20.0cm
82mm			95mm	82mm				
107×101×80mm	107×101×79mm	107×101×91mm	107×101×105mm	107×101×104mm	107×101×103mm	107×101×111mm	107×101×139mm	107×101×104mm
531g	541g	691g	1,010g	775g	824g	901g	1,080g	680g

Note: Specifications are subject to change without notice.

Accessories Group



Angle Finder II
Easy-to-see 15° angle and wide diameter ensure ample, almost prism-level brightness for comfortable viewing. Adjustable for different eyesight.



Magnifier Hood
Outdoor-use magnifier hood cuts external light. Hood has rotatable 4x high magnification lens. Dioptic correction possible for the individual photographer's eyesight, and a click-stop mechanism locks the setting.



Focusing Screen B
Full matte screen with 1cm square grid. Useful for shots requiring a specific horizontal or vertical angle.



Focusing Screen C
Full matte screen for two-location focus adjustment, using center split image and upper microprism. Extremely effective for portraits.



Focusing Screen D (for 6 × 7 format)
Microprism-matte type for 6 × 7 format.



Dioptic Correction Lenses
Magnifier replacement (2.5x) for folding waist-level finder. Standard supplied lenses: -4, -3, -2, -1, 0, +1, +2, and +3 diopters.



Folding Waist-level Finder II
Folding waist-level finder featuring improved seal and tight, rattle-free connection. Designed for use with the GX680 as well.



GX80 Lens Hood
Lens hoods for use with large diameter wide lenses (65 and 80mm).



Bellows Lens Shade
Built-in sheet filter and effects filter pockets. Effective with lenses of $f=100-300\text{mm}$. Connector diameter is 85mm.



Bellows Lens Shade II
Built-in sheet filter and effects filter pockets. For GXD 125mm $f/3.2$ and GXD 180mm $f/3.2$ lenses. Connector diameter is 100mm; $\phi 85\text{mm}$ lens can be used with adapter ring 100.



Adapter Ring 100
Necessary when using $\phi 85\text{mm}$ lens with Bellows Lens Shade II.



Long Bellows
Used in combination with extension rails at close distances, such as for commercial shots of small objects.



Wide-angle Bellows
For camera movements with wide-angle lens. Can also be used as a standard bellows.



Extended Wide-angle Bellows
Useful for camera movements with 80mm extension rail set.



40mm Extension Rail Set
Extension of up to 40mm roughly doubles the magnification with an $f=100\text{mm}$ lens. Must be used with long bellows.



80mm Extension Rail Set
Opens up wider possibilities for product shot close-ups, etc.



Linhof Technika Lens Board Adapter
For large format lenses with Linhof-type boards.



120 Roll Film Holder
Allows 9 shots. Warning buzzer sounds at 9th frame. Film fed by automatic system. Count displayed on large LCD readout.



220 Roll Film Holder
Allows 18 shots. Warning buzzer sounds at 18th frame. Film fed by automatic system. Count displayed on large LCD readout.



120 Roll Film Holder for 6 × 7cm format
Allows 10 shots. Warning buzzer sounds at 10th frame. Film fed by automatic system. Count displayed on large LCD readout.



120/220 Inner Film Cassette
For use with 120 and 220 roll film holders. Facilitates speedy film changes.



Instant Film Holder
Accepts Fuji Instant Film FP-100C (color), FP-100B (B&W) or other instant film of equal size for using camera's MULTI mode. Produces 8 × 8cm images.



Instant Film Holder II (with 6 × 8cm mask)
Accepts Fuji Instant Film FP-100C (color), FP-100B (B&W) or other instant film of equal size. Can be used in SINGLE, MULTI or CONTINUOUS mode just like roll film holder. For changing between vertical and horizontal formats, the viewfinder frame mark automatically aligns with the frame mask on the film holder. Produces 6 × 8cm images with the 6 × 8cm mask.



Battery Pack
Large capacity 7.2V Ni-Cd battery; exclusive for GX680 and GX680 II. Powers more than 350 shots at one shot per minute.



AC Main Battery Charger
Fully charges battery pack in one hour. Two-meter power cord.



1m/5m Remote Release
Electronic shutter release with hook attached to the grip. Warning buzzer sounds immediately after shot if any deviation in exposure beyond ± 2 steps is detected. Cord length is 1m or 5m.



Neck Strap Set
Provides stability when shooting with the camera in your arms. Designed for easy removal.



Carrying Case
Efficient storage for basic location-shooting equipment needs.

*All accessories can be used with either the GX680 II or GX680 unless otherwise specified.

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FUJI PHOTO FILM CO., LTD.

26-30, NISHIAZABU 2-CHOME, MINATO-KU, TOKYO 106, JAPAN
www.ianbfoto.com