

CONTAX RX

Featuring Digital Focus Indicator (DFI) System



The DFI (Digital Focus Indicator) system graphically portrays focus point and provides depth of focus information in the viewfinder. Custom Functions allow the user to tailor the camera to their desires.



RX

An Innovative New "Digital Focus Indicator (DFI) Function"

At Contax the over-riding priority continues to be Image Quality. This concern for high quality has lead to the development of a completely new focusing method totally contained in the Contax camera body. At times, even professional photographers encounter focusing difficulties that could be eased through a focus assistance device.

The Digital Focus Indicator was developed entirely for application in the Contax RX to overcome focusing limitations in the human eye. Many focusing systems were evaluated and subsequently rejected. When focusing discrimination was enhanced, operational efficiency was drastically reduced. When indicator stability was achieved focus accuracy declined. The solution... the Contax Digital Focus Indicator (DFI) function.

The Digital Focus Indicator shows the true focus point and variance between the focus point and the position under evaluation. Contax believes this is the best solution for Carl Zeiss T* lens users.

CONTAX provides Highly Durable And Reliable Equipment For Photographers

The Contax RX begins with a copper/silumin alloy die-cast chassis that is high temperature/high pressure steam annealed to eliminate distortion. The Contax RX is designed to provide the ultimate in ergonomic design and camera body weight is an important factor affecting the feel of the entire package. The key is to provide enough mass in the camera body to damp out the vibrations induced by the movable mirror and lens mechanisms. The overall design of the Contax RX has been calculated using the most advanced CAD simulation available to maximize overall strength, durability and ultra-precision over an extended lifetime of extreme usage. The stainless steel mount fastened in place with screws at 6 points fully ensures reinforcement of the lens mount. The top and bottom covers on the Contax RX are constructed of brass alloy to protect the inner working mechanisms from impact damage.

The Contax RX is a remarkable tool that adds useful automation to enhance the photographic experience. The newly developed "Digital Focus Indicator" function uses advanced technology to accomplish this task intuitively.

Contax decided early-on that Carl Zeiss T* lenses could not be enhanced by adding auto-focus capability. Considerations such as weight and focus accuracy contributed to the decision against auto-focus. As a result, a system was developed that preserves the supreme integrity of the Carl Zeiss T* lens while providing useful focusing and depth-of-focus information in the viewfinder. With this system there is a fusion of Contax photographer and Professional Tool.

RX Specifications

Type	35mm focal-plane shutter AE SLR
Lens mount	Contax/Yashica MM mount
Shutter	Electronically controlled, vertical-travel, focal-plane shutter
Shutter Speed	Auto: (AV & P) 16 secs. to 1/4000 sec.; (TV setting) 4 secs. to 1/4000 sec. Manual: 4 secs. to 1/4000 sec., B, X (1/125 sec.)
Self-timer	Electronic, with 10 sec. delay; cancellable
Shutter release	Electromagnetic; with exclusive release socket
Exposure (TV), control mode	Aperture-priority AE (AV), Shutter speed-priority AE
Metering system	Program AE (P), Manual exposure TTL center-weighted average metering/ TTL spot metering
Flash control	TTL direct flash control
Accessory Shoe	TTL direct flash control possible with TLA flash system; synchro terminal provided
Flash synchronization	Shutter speed is automatically set when a dedicated flash is fully charged; Automatic shutter speed setting depends on camera's originally set conditions and surrounding light; Second curtain synch; possible with Contax flash having a second curtain synch. capability.
Auto-set flash system	Auto switch-on system works with TLA-360
Metering photo sensor	SPD cell
Metering range (ISO 100, f/1.4)	Center-weighted average metering (EV1 to EV20), spot metering (EV5 to EV20)
Film speed coupling range	Auto with DX films from ISO 25 to 5000 Manual setting from ISO 6 ~ 6400
Exposure compensation	± 2EV in 1/3 increments
Automatic Bracketing Control System	3-frame continuous exposure compensation by selecting ± 0.5EV or ± 1.0EV
AE Lock (Storing exposure values in memory)	With the main switch; Continuous usage possible
Viewfinder	Fixed pentaprism, eye-level with long eye-point; built-in eyepiece shutter
Dioptic adjustment	Internally adjustable from + 1D to - 3D
Focusing screen	Horizontal split/microprism (FW-1) (standard); interchangeable
Viewfinder magnification & field of view	0.8X magnification & 95% field-of-view (with 50mm standard lens at infinity and - 1D diopter)
Focus indicator	TTL Phase Difference Detection method. Display with Digital Focus Indicator in the finder. Focus sensing range (ISO 100): EV2 to EV20
Viewfinder information	Digital focus indicator, shutter speed, aperture, exposure mark, A.B.C. display, flash mark, exposure counter, metering mark, exposure compensation
Display panel	Display of; exposure counter, film speed, self-timer count, LT, exposure B (Bulb) count, custom function display, battery warning mark, multi-exposure display
Film winding	Auto wind with a built-in motor, Max. 3 f.p.s., single-frame or continuous exposure
Exposure counter	Auto resetting, additive type; countdown in rewinding; Displayed in the viewfinder and on the display panel
Film rewinding	Auto rewind with built-in motor
Multiple exposure	With the operation of Drive Mode Selector Dial
Camera back cover	Detachable; Provided with dating unit, imprinting made in between frames
Depth-of-field preview	By pushing Preview Button
Custom Function	9 varieties of camera settings, selectable
Power requirement	1 pc. 6V lithium battery (2CR5)
Battery check	Auto
Materials of camera externals	Top & bottom brass alloy covers
Dimensions & weight (w/o batteries)	151 (W) x 104.5 (H) x 59 (D) mm (6 x 4-1/8 x 2-3/8 in) / 810 grams (1.79 lbs)
Optional accessories	Flexible Case C-4, FW Focusing Screens (5 types), Power Pack P-8, FL Diopter Lenses



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