RBT S1 Alphabetical Feature List

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RBT S1 Stereo Camera

S1A: 59 mm stereo base.   S1B: 45 mm stereo base.
15 full frame 24 x 36 mm stereo pairs per 36 exposure roll.
Lenses: Konica Hexar 35 mm, f.2.0, 7 elements in 6 groups.
Shutters: T, & 30 seconds to 1/250th in 1/3 stop increments.
Dimensions: 195 / 85 / 65 (W·H·D, mm).
Weight: approx. 950 grams, fully loaded.

A mode: (Aperture priority AE mode)

The preselected aperture is used with metered shutter speeds (30sec. ~ 1/250th, in 1/3 stop increments). Depth of field can be controlled.

- Set Main Switch to A.
- Select an aperture value by rotating the Aperture dial, then depress the Shutter Release halfway to trigger and lock an exposure reading.
- Metered shutter speed is shown in the Display as long as the Shutter Release is held halfway down.
- If the shutter speed tries to exceed 1/250 sec. the Display blinks and a blinking red " + " appears in the Finder, indicating probable overexposure.
- When the shutter speed is below the user-set Critical Shutter speed, a blinking red " – " appears in the Finder as a warning, but does not indicate underexposure.
- If the shutter speed tries to exceed 30 sec. the Display blinks and the blinking " – " in the Finder indicates probable underexposure.

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Aperture dial:

Knurled wheel on upper deck, extreme right. Range, f.2.0 ~ f.22, with half-stop detents.

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Auto exposure: AE

Active in P and A modes. The light meter reliably yields well-exposed results. Sensor located next to Self-timer light, to the right of the right lens.
   Many **S1** models include an **RBT**-option sensor guard that prevents a wayward finger from spoiling accurate readings.

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Autofocus: AF

Infrared sensor on front right side, active multibeam system for accurate single spot focus. Range, 0.6 meter to infinity. When sensed object is closer than 0.6 meter, "**AF**" blinks in the Display and shutter will not operate. Press the MF (manual focus) button to override.

- To activate autofocus, depress the Shutter Release halfway. When focus completes, the green "•" LED lights in the bottom of the Finder.
- May not work properly with small, dark, reflective or light-emitting objects, fog or smoke, or when shooting through windows.
- When autofocus fails, the shutter will not operate, "**AF**" blinks in the Display, the green "•" blinks in the Finder, and the red "+" and "−" (if lit) are extinguished.
- If autofocus is problematic, use infinity focus or manual focus.

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Battery: (2CR5)

Battery condition indications:
   Turn Main Switch ON. If "**bc**" blinks in the Display, replace the 2CR5 (6volt lithium type) battery as soon as possible. When "**bc**" is continuously displayed, voltage is inadequate and the camera will not function. Longevity should be excellent.

- Turn Main Switch OFF before replacing the battery.
- Removing a battery resets all user settings to their default values.

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Critical Shutter speed: (camera-shake guard)

Default value, 1/30sec. Setting range, 1/4 ~ 1/60sec. (1/8 ~ 1/60 for some models.)
   Shutter open time will not exceed this value when in P mode. (Risk of underexposure in low light conditions.)
   Enforced only in P mode, but also indicated in A mode.
   Underexposure condition in P mode is indicated by a blinking Critical Shutter speed value in the Display and blinking red "−" in the Finder. In A mode, only the blinking red "−" appears, which does not usually indicate underexposure.
   Set value is retained until battery is removed.

- To set, turn main switch to P.
- Press and hold SELECT button for more than one second.
- Current setting appears in Display. (e.g. "**1/30L**")
- Adjust with Up/Down buttons.

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Depth of field:

Both lenses have a small window near the camera body, one or both of which provide coarse focused distance indications in meters. Depending on sensed object distance, the infinity symbol and numbers 3, 1.5, 1, 0.8 and 0.6 come into view.
   The window boundaries indicate depth of field at f.16, the two marking lines at f.8. The red line left of center indicates infrared focus.
   At a given aperture's hyperfocal distance H, the depth of field will be from H/2 to infinity. See Hyperfocal settings for **S1**-specific tables for use with the MF (manual focus) function.

Table calculated for a circle of confusion of 1/30 mm.

Aperture	2	2,8	4	5,6	8	**11**	**16**	22
Hyperfocal dist. H (m)	18,4	13,1	9,2	6,6	4,6	**3,3**	**2,3**	1,7

   For a stereo deviation of 1,5 mm the stereo depth is approximately equal to the depth of field at f.11 for the S1A (stereo base 59 mm) and f.16 for the S1B (stereo base 45 mm).

Display: (LCD)

Located on camera top, right-hand side. The defaults show:

- In P mode: Number of exposures. Aperture or shutter speed appears when Shutter Release is depressed halfway, and briefly after exposure.
- In A mode: Exposure compensation. Shutter speed appears when Shutter Release is depressed halfway, and briefly after exposure.
- In M mode: Selected shutter speed.
- The SELECT button acts as a toggle, switching between number of exposures and exposure compensation value in P and A modes, and number of exposures and shutter speed in M mode. Last displayed category for each mode is remembered until battery is removed.
- Battery check and various other indications appear, depending on use.

- Aperture values are prefixed by " **F** ".
- Shutter speeds one second and longer are followed by " **''** " and a decimal fraction, if necessary.

Display powers off after 2 hours if the Main Switch is left on. Depress the Shutter Release halfway to turn the Display on again.

Exposure compensation:

Range, ± 2 stops, in 1/3 stop increments. Not applicable in M mode. To view and set:

- Turn Main Switch to P or A.
- Press SELECT button to display exposure compensation (if not already displayed).
- Adjust with Up/Down buttons.
- A " ± " symbol appears in the top center of the Display when compensation is in effect and the Display shows number of exposures.
- Exposure compensation is reset to zero when the Main Switch is turned OFF.

Exposure lock:

See One-touch exposure selection.

Film loading:

- Open back cover by gently twisting foldout tab at left side clockwise. Pull film leader out slightly before placing the cartridge in the film chamber. Pull leader

end to FILM TIP mark.

- Close back cover, then turn Main Switch ON (or depress Shutter Release if already ON) to wind film to first frame.
- Recognized film speed appears briefly in the Display, followed by exposure number " **[1]** ".
- If the exposure number isn't displayed, press the SELECT button and confirm.
- A blinking " **[0]** " indicates that film is not loaded properly. Open the back cover and reload.
- When the camera is empty, " **[0]** " is displayed.

With DX-coded film, ISO is automatically set. Film speed can also be set manually.

Film speed: automatic
DX-coded film cartridges are automatically recognized.
   Range, ISO 25 ~ 5000.

Film speed: setting manually
Range, ISO 6 ~ 6400, in 1/3 stop increments. To view and set:

- Turn main switch to A.
- Press and hold SELECT button down for at least one second. Current ISO speed is displayed.
- Select desired speed with Up/Down buttons. Depress Up or Down button for longer than one second to scroll selection.

- ISO higher than 800 shows "H" for last two zeroes.
- DX-coded ISO is automatically used when film is freshly loaded.
- Set ISO is remembered for use with non-DX film cartridges until battery is removed. Default, ISO 100.

Film window:
Standard window allows visual confirmation of loaded film cartridge information.

Finder:
Reverse Galilean type, with the following features:

- Inside center cross mark: Circular AF (autofocus) area and spot metering area for M mode.
- Slightly larger than center cross mark: Rectangular AE (auto-exposure) center-weighted metering area for P and A modes.
- Bottom, right of center: green • LED lights when autofocusing is completed, blinks if not possible. Does not light when infinity focus or manual focus is used.
- Bottom, center: red " – " LED underexposure and Critical Shutter speed warning.
- Bottom, left of center: red " + " LED overexposure warning.
- Frame lines: left vertical and top horizontal bright lines move toward center as focus distance shortens, automatically indicating picture taking area and parallax compensation (disabled and frozen at 0,6 m in S1B). Top horizontal line extension intersects 45° distance scale line in upper right corner, indicating approximate focus distance. Frame lines show approximately 85% of on film image.

- Slightly off center: level bubble in bright circle. (**RBT**-option.)

Flash photography: Aperture priority mode

Fixed aperture A mode background exposure, followed by automatically controlled flash with trailing sync. The dedicated Konica KX-14 flash uses its own sensor to control flash output when its switch is set to **A**.

   Effective range, 0.6 ~ 3.5 meters (approx. 2 ~ 12 feet). Recommended aperture depends on ISO film speed, as indicated below:

ISO	50	100	200	400	800
Aperture	2,8	4	5,6	8	11

- With Main Switch set to A, the selected aperture is fixed while shutter speed varies over the full 30 ~ 1/250 range according to metered ambient light, regardless of Critical Shutter speed setting.
- Depress Shutter Release halfway to trigger exposure reading and focus (if in AF mode).
- Display then shows the shutter speed that will be used. Flash sync is possible at all shutter speeds.
- In the Finder, a blinking red " – " indicates that metered shutter speed is below the set Critical Shutter speed. A blinking red " + " indicates likely overexposure.
- When the Shutter Release is fully depressed, background exposure is made first, then the flash fires.
- Flash balance can be controlled by aperture adjustment. (E.g. for daylight fill flash, set aperture one stop smaller than recommended.) Exposure compensation can be applied to the A mode portion of the flash exposure.

- Set Main Switch to M for manual shutter speed control to mitigate camera movement effects in low light.

Flash photography: Manual mode

Aperture must be calculated and set. Aperture = GN / D (guide number divided by distance).

- Set Konica HX-14 flash switch to P•FULL
- Set camera Main Switch to M.
- Set aperture and shutter speed appropriately.

For the Konica HX-14 and distance in meters:

ISO	50	100	200	400	800
GN	10	14	20	28	40

Flash photography: P mode (Variable Aperture Synchronization)

Intelligent two step automatic exposure and "flashmatic" flash control with trailing sync. Overall scene is first exposed according to ambient light reading and P mode behavior, then the dedicated KX-14 flash fires at full power after lenses' apertures

are quickly adjusted to GN divided by AF or MF focused distance.
   Effective range for ISO 100 with KX-14 flash, 0.6 ~ 7 meters (approx. 2 ~ 23 feet).

- Attach the Konica HX-14 flash.
- Set flash switch to P•FULL and Main Switch to P.
- After the flash's "P.L" ready lamp lights, the Display will only show " **FL** ". (Pressing the SELECT button will not display number of exposures made or Exposure compensation value {nor is the " ± " mark displayed, if Exposure compensation is set} as long as the flash is set to P•FULL and the camera is in P mode.)
- Any Exposure compensation is only applied to the P mode portion of the flash exposure. (Set GN manually to alter flash contribution.)
- Depress Shutter Release halfway to trigger exposure reading and focus.
- Normally, the KX-14 flash will not fire unless its ready lamp is lit, so a regular P mode AE exposure will be made if a shot is taken under this condition.
- P mode automatic flash exposures can be made using other strobe lights after GN is set manually.

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Focus & exposure lock: (temporary)
Functions in P, A or M modes with AutoFocus. Useful when the main subject is off center.

- Place Finder center cross on main subject and depress Shutter Release halfway.
- Exposure is metered and lenses focus.
- Measurements remain fixed as long as Shutter Release is held halfway down.
- Compose the photo and shoot.

An **RBT**-option AE/Focus lock button performs the same function as halfway depressing the Shutter Release, facilitating use of the One-touch exposure selection and One-touch manual focus functions.

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Focus lock & input:
Functions in P, A or M modes, when in AF (autofocus) mode.

- Aim the AF sensor area at the subject.
- Depress and hold the Shutter Release halfway to trigger focusing.
- Focus remains locked as long as the Shutter Release is held halfway down.
- To enter manual focus mode and automatically input the focused distance, press the MF button while the Shutter Release is pressed halfway down.
- The focused distance then becomes the manual focus norm.
- Manual focus mode is maintained until the MF button is pressed again or the Main Switch turned OFF.

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Focus range:
Lenses focus from 0.6 meter to infinity, in 27 steps, with approximate focused distance and parallax offset shown in the Finder.
   Autofocus may work poorly with dark, reflective or small objects, or under certain conditions. In such cases, use the Focus lock & input feature after aiming at a

focusable object an equivalent distance away, or use the MF button and manually set desired plane of focus.

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Focus: (point-and-shoot)
- Turn Main Switch to P.
- Aim the central AF area at the subject.
- Depress the Shutter Release halfway to set focus and exposure.
- Press the Shutter Release home to take the picture.

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Focus: Infinity mode
Press the MF button briefly. If the camera is in AF mode, " **999** " is displayed and the focus is set to infinity. If in manual focus mode, press the MF button twice.

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Focus: Manual mode
Useful for setting hyperfocal distances or when AF functioning is problematic.

- Press and hold the MF button down at least one second. After initially displaying " **999** " or "**AF** " the currently set manual focus distance is displayed.
- Set desired focus distance with the Up/Down buttons.
- Two seconds later, the lenses rack to the input focus distance and the display reverts to normal.

Manual focus mode is canceled when the Main Switch is turned OFF, but the last set distance is remembered until the battery is removed.

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GN manual setting: (guide number)
Range, 1 ~ 64, in 1/3 stop increments. Adjustment permits use of various strobe lights. Also useful for adjusting flash contribution to exposure in P mode with dedicated Konica KX-14 flash set to P•Full.

- Press and hold the SELECT button down, then turn the Main Switch to P, A or M. The current guide number setting is recalled and displayed.
- While holding the SELECT button down, set the desired GN with the Up/Down buttons.
- After setting, the display will only show " **PFL** " when in P mode. (Pressing the SELECT button will not display the number of exposures made or Exposure compensation value {nor is the " ± " mark displayed, if Exposure compensation is set} when GN is changed from the default and the camera is in P mode.)
- Changing the GN from the default value (14) disables flash interlock signal checking by the camera (via the smaller hot shoe contact), and enables the use of other, non-dedicated strobe lights, in P mode.

Use of a manually set GN is canceled when the main switch is turned OFF. The last setting can be recalled by holding the SELECT button down when turning the main switch ON.

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Hand metering: (M mode)

Functions continuously for up to ten seconds after activation.

- Turn Main Switch to M.
- Press SELECT to display shutter speed, if not already showing.
- Press either Up/Down button to start spot meter readings.
- Monitor exposure with red " + " and " – " appearing in Finder.

Hexar lenses:

That the the 35mm f.2.0 Hexar lens is mentioned in the same breath as more costly Leica, Voigtländer and Zeiss offerings is an indication of its excellence; many find its performance practically equivalent to the best examples from these companies. (And the only improvement to a single fine lens might be a matched pair, for stereo photography.)

- F.2.0 ~ F.22, with half stop detents.
- 7 elements, in 6 groups.
- Six diaphragm blades.
- Threaded for 46mm filters (non-rotating when focusing).
- Integral sliding lens shades.
- Friction fit lens caps. (Or **RBT**-option monolithic twin-lens cap for S1A or S1B.)

In rare cases, the use of certain filters may interfere with the full extension of the lens barrels at closest focus, causing the camera to lock up, with " **EEE** " appearing in the Display. If simply turning the Main Switch OFF and then ON again does not allow normal operation, removing the filters and then removing and replacing the battery should. Filter shims may be obtained from Konica to solve this problem.

Hot shoe:

Located near viewfinder eyepiece, far left. In addition to the centrally located strobe trigger contact there is a smaller flash-ready contact used by the dedicated KX-14 flash.

Hyperfocal settings:

The **S1** focuses at discrete distances, twenty seven in all: 0.6 to 2.0 meters in 0.1 meter increments, 2.0 to 3.0 meters in 0.2 meter increments, at 3.5, 4.0, 5.0, 7.0, 10, 20 meters, and infinity. Hyperfocal settings used with manual focus are therefore constrained by these values.

   For apertures wider than f.5.6 autofocus may be preferable, since focusing directly on a subject puts the plane of maximum sharpness closest to it.

Based on COC = 0.0338 mm (1/750 in.)

Aperture	5.6	8	8	11	11	16	16	22
MF focus setting	7.0	5.0	4.0	3.5	3.0	2.4	2.2	1.7
Near focus point (m)	3.4	2.4	2.2	1.7	1.6	1.2	1.1	0.9
Far focus point (m)	inf	inf	34	inf	33	inf	76	inf

Based on COC = 0.0254 mm (1/1000 in.)

Aperture	5.6	8	8	11	11	16	16	22
MF focus setting	10.0	7.0	5.0	5.0	4.0	3.5	3.0	2.2
Near focus point (m)	4.6	3.3	2.8	2.4	2.1	1.6	1.5	1.1
Far focus point (m)	inf	inf	29	inf	45	inf	600	inf

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Konica HX-14 flash:
- Dedicated Konica Hexar flash.
- GN 14 @ ISO 100.
- P•FULL mode: 1/2000 sec.
- A mode: 1/2000 ~ 1/30,000.
- Uses two AA alkaline or rechargeable batteries.
- Approx. 200 shots at full power.
- Full recycle time, approx. 10 sec.

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Light meter:
Sensor on front right hand side, between Self-timer indicator and lens. Do not cover with finger! SPD photocell provides the following:

- In P and A modes, approx. 15° center-weighted measurement (EV 0 ~ 16 @100 ISO). Rectangular metering area is slightly larger than the center cross mark in the Finder.
- In M mode, approx. 4° spot metering (EV 3 ~ 18 @100 ISO). Circular metering area is just inside the center cross mark in the Finder.

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M mode: (Manual photography)
Shutter speed and aperture can be freely chosen.

- Set Main Switch to M. Set aperture value.
- Press the SELECT button once, if the current shutter speed is not displayed.
- Set desired shutter speed with the Up/Down buttons.
- To scroll selection, hold Up or Down button down more than one second.

- Unlike A and P modes where exposure readings occur only the moment the Shutter Release is depressed halfway (locking the measurement), the spot meter function operates continuously for up to ten seconds in M mode when either Up/Down button is pressed, turning it on.
- Exposure conditions can be monitored in the Finder via the steady red " + " or " – " indicating metered over- or underexposure. When simultaneously lit, the set shutter speed matches the metered value.

- Depress and hold the Shutter Release halfway down, then press either of the Up/Down buttons to instantly input the metered exposure value.   " – – – " is displayed momentarily and the set value is shown when the Up or Down button is released. (See One-touch exposure selection.)

The shutter speed blinks in the Display when the exposure is out of the spot meter function's range (EV 3 ~ 18). The camera will, however, operate normally with the

set shutter speed.

Main Switch:
On top, extreme right. Four positions**:** OFF, P, A and M.

MF button:
On top, marked MF, located between SELECT and SELF buttons. (On front, under the light meter sensor for some models.)

- Press the MF button briefly to toggle between fixed focus at infinity and autofocus functions.
- " **999** " or "**AF** " appears briefly in the Display.
- Press the MF button for at least one second to display current manual focus distance and enter manual focus mode.
- Set desired manual focus distance with the Up/Down buttons. Two seconds later, lenses focus at the input distance.
- Press the MF button when in manual focus mode to restore AF mode.
- In AF mode, press the MF button when the Shutter Release is depressed halfway to input the focused distance and switch to manual focus mode. (See One-touch manual focus.)

Multiple exposure mode:
Allows any number of exposures to be made without advancing film.

- With film in camera, turn Main Switch from OFF to P while holding the SELF button down.
- The Display will show " **0 [N]** " where N is the number of exposures already made.
- A or M mode can then be selected, and pressing the SELECT button toggles the Display between the Multiple exposure indication and Exposure compensation in P and A modes, and Multiple exposure indication and set Shutter speed in M mode.
- Each time the Shutter Release is pressed, the leftmost digit increases by one, to a maximum indication of " **9** ".
- Turning the Main Switch OFF advances the film and cancels Multiple exposure mode.

One-touch exposure selection:
Spot metered shutter speeds for the selected aperture can be directly input in M mode. Meter sensitivity angle, approx. 4°.

- Set Main Switch to M. Select desired aperture.
- Place inner area of Finder cross mark on subject.
- Press Shutter Release halfway down. Metered shutter speed appears in Display.
- Press either Up/Down button to input indicated shutter speed. The red " + " and " – " appear simultaneously in the Finder, indicating correct exposure.
- Set shutter speed becomes M mode norm until battery is removed.

See Focus: Infinity mode.
- Press the MF button once or twice. " **999** " appears briefly in the display.

One-touch manual focus:
Functions in P, A or M modes but only when in AF (autofocus) mode.

- Depress Shutter Release halfway to focus.
- Press the MF button.
- Camera switches to manual focus mode, the focused distance is input and becomes the manual focus norm.

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Options:
RBT options for **S1** models include the following:

- AE/Focus lock button. Conveniently located to the left of the left lens. Pressing this button is equivalent to depressing the Shutter Release halfway. It triggers an exposure meter reading, focuses the camera (in AF mode), and locks these settings without risk of taking a shot. Facilitates use of Focus lock and One-touch spot metering techniques, and prevents any firing delay when Shutter Release is subsequently pressed.
- Exposure meter sensor guard. Prevents inadvertent meter error due to finger interference.
- Leather "airbag" case.
- Level. A colorless spirit level is installed so an indicating bubble appears in the upper portion of the bright circle in the Finder when the camera is level.
- Remote release function, mini-plug receptacle in top rear center (current models), with 15 meter control cable.
- Single-piece twin-lens snap-in cap, with retainer cord for attachment to camera via boss with hole at bottom front.

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P Mode: (Programmed AE **mode)**
Program mode balances shutter speed and aperture for best results, but is helpfully biased by both the set aperture and user-set Critical Shutter speed. In response to changing light intensity, the selected aperture is maintained with increasing shutter speeds until 1/250 is reached, then the lenses stop down automatically. Similarly, the selected aperture automatically widens after the shutter speed reaches the Critical Shutter speed.
   In low light with lenses wide open, underexposure may result since shutter will fire with shutter speed limited to the Critical Shutter speed.

- Set Main Switch to P. Set Aperture dial as desired.
- Point and shoot. "This mode prevents failures as much as possible." (Konica manual.)
- After depressing the Shutter Release halfway, the Display shows the metered shutter speed if the reading for the selected aperture is between the Critical Shuter speed and 1/250th.
- When metered exposure is outside the above range, the Display shows the aperture that will be used.
- When metered exposure is beyond the range of automatic P mode adjustment,

the Display blinks and a red " + " or " – " blinks in the Finder, indicating probable over- or underexposure. The camera will operate, so there is a risk of improper exposure.

- If " – – – " appears continuously in the Display, turn the Main Switch to M momentarily.

The Critical Shutter speed limit function that guards against the effects of camera-shake is active **only** in P mode.

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Rewind button:

Leftmost and smallest control button, recessed and marked **R**. Initiates rewinding prior to the end of a roll. Use a pointed object such as a ball-point pen to carefully depress the button. There is a brief moment when rewinding pauses at the end, so that an incomplete roll can be removed with its leader still out. (See next.)

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Rewinding film:

At the end of a roll, when further advance is impossible, film rewinding automatically starts.

- Displayed exposure numbers count down as rewinding proceeds.
- Shortly after " **[1]** " is displayed, " **[– –]** " appears in the Display.
- The rewind process pauses for a moment, so if the back cover is opened at this point, the the end of the film leader will remain out of the cartridge.
- The pause before the film is completely rewound into the cartridge is brief, so the cessation of motor sounds can be a helpful indicator. If the back is opened prematurely, the start of the roll may be exposed to light, but wait a moment too long and the last bit of film will be completely rewound.
- Depending on film, battery, and environmental conditions, rewinding may halt before completion. Depress the Rewind button to restart.
- Rewinding can be halted deliberately if necessary, by turning off the Main Switch. Rewinding resumes when it is turned on again.
- After rewinding is completed, the Display will show a blinking " **[0]** ", indicating that the back should be opened before the camera can be used.

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Self-timer:

- Press the button marked SELF (the lone button between the MF and Down buttons) to start the self-timer.
- The red self-timer indicator in front will light for 7 seconds, then blink for 3 seconds before the shutter is released.
- Focus and exposure are set when the Self-timer button is first pressed, so be certain that conditions are as desired.
- To cancel, turn the Main switch OFF.

- Depress the SELF button while turning the Main Switch ON to enter the Multiple exposure mode.

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SELECT button:
On top, behind the Display.

- Toggles exposure number and Exposure compensation display in A and P modes.
- Toggles exposure number and shutter speed display in M mode.
- In P mode, press longer than one second to set Critical Shutter speed.
- In A mode, press longer than one second to manually set Film speed.

- Depress the SELECT button while turning the Main Switch ON to set or recall set GN.

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Shutter Release:
Located in the center of the Aperture dial.

- Depress halfway to trigger focus and exposure measurement.
- Press fully to release the shutter and take a picture.

Some prefer using their third finger for the Shutter Release, which leaves the index finger free for other buttons. However, the **RBT**-option AE/Focus lock button allows two-button and other techniques with no risk of pressing the Shutter Release beyond the halfway point.

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Shutter speeds:
Stepper motor driven electromagnetic mechanism, 1/3 stop increments. Flash sync possible at all speeds.
   Usually shown in the Display when the Shutter Release is depressed halfway. Continuously displayed in M mode, depending on SELECT button use.
   Automatically set in P and A modes. Manually adjustable in M mode, where pressing either Up/Down button more than one second scrolls selection. (T is past the 30 seconds setting.)

S1 Shutter Speeds

30	25	20	15	13	10	8	6
5	4	3·2	2·5	2	1·6	1·3	1
1/1·2	1/1·6	1/2	1/2·5	1/3·2	1/4	1/5	1/6
1/8	1/10	1/13	1/15	1/20	1/25	1/30	1/40
1/50	1/60	1/80	1/100	1/125	1/160	1/200	1/250

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Signature frame:
Images that include the frame mask edges can be recognized as having been captured with a Hexar, due to the small unique notch. These are retained in the **S1**, and the tiny triangles can be useful marks when cutting the frames apart before mounting.

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Spot metering through viewfinder: (M mode)
See Finder, Light meter, M mode, and One-touch exposure selection.

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Strap lugs:
Provided, at the upper sides, immovable.

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Supplementary features:

Cameras in the Konica Hexar model range may offer the following additional functions, depending on date of manufacture, CPU and programming. Current **S1** cameras do not appear to offer these features, however Silent mode is functional in some black Hexar-based **S1** cameras.

- Auto exposure bracketing.
- Infrared focusing compensation.
- Silent mode. (Motor functions operate at slower speeds.)

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Time exposure: T

With shutter speed set to **T**, press the Shutter Release once to open the shutter. Press again to close.

- Set Main Switch to M.
- Press and hold the Down button (left Up/Down button) until " **T** " appears in the Display.
- During a time exposure, " **T – –** " is displayed.
- When T is set, the red " **+** " and/or " **–** " in the Finder are extinguished.
- Can be triggered by Self-timer.

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Tripod socket:

Standard 1/4 inch 20 TPI threaded receptacle on bottom. Not in center but very near center of gravity.

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Up/Down buttons:

On camera top right, behind the Aperture dial. Left button is for Down, right for Up.

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Value:

The Konica Hexar camera has always been well regarded by discriminating photographers, who appreciate its versatility, build quality, and the outstanding performance of the 35mm f.2.0 Hexar lens. The Hexar-based **RBT S1** is similarly admired by cognoscenti as a superb, multi-featured autofocus stereo camera that can deliver impeccable results with unsurpassed ease. The design is inspired, the execution excellent. Given the limited production of these machines and long waiting time for made-to-order examples, any **S1** in fine condition is apt to be worth about as much as a new one. Year 2001 cost with all options and accessories, plus a one-year (original owner) warranty and U.S. delivery, is approximately US$ 3,695.

Flash: aperture priority	Flash: manual	Flash: P mode	Focus & exposure lock	Focus lock & input
Focus range	Focus: (point & shoot)	Focus: infinity mode	Focus: manual mode	GN manual setting
Hand metering	Hexar lens	Hot shoe	Hyperfocal settings	Konica HX - 14 flash
Light meter	M mode	Main Switch	MF button	Multiple Exposure
One-touch exposure selection	One-touch infinity focus	One-touch manual focus	Options (**RBT**)	P mode
Rewind button	Rewinding film	Self-timer	Select button	Shutter Release
Shutter speeds	Signature frame	Spot meter	Strap lugs	Supplementary features
Time exposure	Tripod socket	Up/Down buttons	Value	V

3-D Concepts (**RBT** dealer)	DrT's **RBT S1** Page	**RBT** (**S1** maker) [in German]	RBTS1 mailing list	V
V	V	V	V	V

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