



New features for the GR LENS A12 50mm F2.5 MACRO GR LENS A12 28mm F2.5 RICOH LENS S10 24-72mm F2.5-4.4 VC RICOH LENS P10 28-300mm F3.5-5.6 VC GXR MOUNT A12

Thank you for purchasing a Ricoh product.
The following features were added to the “GXR” through a version upgrade.

Shooting Mode

M: Manual Exposure Mode

You can select between B (Bulb) and T (Time) for the shutter speed. With B, the image is exposed while the shutter release button is pressed and exposure ends when the button is released. With T, exposure starts when the shutter release button is pressed and ends when it is pressed again. In either mode, the camera stops shooting compulsorily once 180 sec. has elapsed. (30 sec. for the RICOH LENS P10 28–30mm F3.5–5.6 VC only.) [Auto] and [Auto-Hi] of the ISO setting can also be used.

Note

- B/T can both be operated using the optional cable switch (CA-1).
- When B/T is selected, the ISO setting with ISO [AUTO] or [AUTO-HI] set is fixed to ISO100 for RICOH LENS S10/RICOH LENS P10 and to ISO200 for other camera units. (With the flash OFF)

Addition of Scene Modes

[Miniaturize], [High Contrast B&W], [Soft Focus], [Cross Process], and [Toy Camera] have been added to Scene Mode. Vignetting can be set in [Cross Process] and [Toy Camera].

Note

Depending on the firmware version that was being used, the setting for vignetting may be reset to the default when the firmware version is updated.

Addition of new target shift function

Target Tracking was added as a target shift method that displays when the ADJ. lever is pushed. Pressing the button during target shift returns the target to the center of the image. Pressing the button again cancels target shift.

Enlrg Display

Pressing and holding down the MENU/OK button enlarges and displays the center. Pressing and holding down the MENU/OK button again enlarges the center and displays the enlarged part over the entire screen. Pressing and holding the MENU/OK button again returns to normal display. When focusing manually, press the shutter button halfway to return to normal display. By pressing and holding down the (self-timer) button, or by selecting [Display Magnification Ratio] from the Settings Menu, you can set the display magnification. Select from [2×], [4×], or [8×] with the +/- button, and then press the MENU/OK button. When moving the target or focusing manually, press the direction keys (+/-/Fn1/Fn2) to move the magnified area.

Note

- The display returns to the normal display when the following is operated in Enlarged View mode:
 - exposure compensation is executed
 - the Direct button is operated
 - the shutter button is pressed halfway
- If AE Lock is turned on before the entire image is enlarged, AE will continue to run during Enlarged View, and pictures will be captured at the locked AE settings.
- You can register [Enlrg Part] and [Enlrg All] to the [Set Fn1/Fn2 Button] in the Key Custom Settings menu.

Additional Function for Up-down Dial

When selecting the Flash mode, you can also use the Up-down Dial. When selecting the Self-Timer settings, you can also use the Up-down Dial.

Addition of Supported Sizes for Auto Resize Zoom

Auto resize zoom supports all aspect ratios.

High-speed movement of focus ring

If the focus ring is turned while the (Macro) button is pushed down in manual focus mode, the camera can be focused quickly. (For GR LENS A12 50mm F2.5 MACRO/GR LENS A12 28mm F2.5 only)

Playback Mode

Camera Unit Information Display

Information of camera unit is displayed on the Detailed Information Display and the Exif file.

Shooting Menu

[Picture Quality/Size]

The [RAW only] option has been added.

[Auto Bracket]

[ISO-BKT] can be selected. With the value set for the ISO sensitivity setting in the shooting menu as the standard, 3 images can be shot with differing ISO settings.

Caution

Since shooting is performed within the ISO sensitivity range that can be set, the bracketing range may not be 1/3EV or an image may be shot with the same settings, depending on the [ISO Setting].

[Interval Shooting]

The number of shots to be taken can be set. When this is set, the “remaining number of shots” is displayed during shooting. The shooting interval can be set to a minimum of 2 seconds, and the number of shots to be taken can be set to a maximum of 99 shots.

[Noise Reduction]

Perform noise reduction from [Off], [Auto], [Weak], [Strong], or [MAX]. The time required to record images varies with the option selected.

Note

You cannot use this function when the scene mode is set to [Portrait], [Sports], [Miniaturize], [High Contrast B&W], [Soft Focus], [Cross Process], [Toy Camera], or [Skew Correct Mode].

White Balance Setting

[Incandescent 1] or [Incandescent 2] can be selected. It is used when shooting under incandescent bulb light. Using [Incandescent 2] will leave a slightly redder tint, compared to [Incandescent 1]. If the flash is fired using DISP. in [Manual], the white balance will be set to the metering results calculated when the flash went off.

Note

When using [Incandescent 2] you can shoot with the same color shades as with the [Incandescent] setting described in the “Camera Body User Guide”.

[Focus Assist]

The shape outlines and contrast of the images shown on the picture display are intensified, making it easier to adjust the focus.

Note

- When focusing manually, the intensification of the shape outline or contrast will be released by pressing the shutter button halfway.
- You can select the display method for Focus Assist from [Focus assist selection] in the setup menu.

[Shutter Speed Auto Shift]

When the [Shutter Speed Auto Shift] setting in the shooting menu is set to [On] while the mode dial is set to “S”, the camera will automatically adjust the shutter speed to obtain the best exposure when it cannot be obtained using the shutter speed that was set manually. The [Shutter Speed Auto Shift] setting will not appear when the mode dial is set to a mode other than “S”.

[ISO Setting]

[ISO-LO] is added. (For GR LENS A12 50mm F2.5 MACRO/GR LENS A12 28mm F2.5 only)

Note

- [ISO-LO] is equivalent to ISO 100. However, the dynamic range gets narrower the higher brightness levels make whiteout more likely to occur.
- The step setting for ISO can be selected in [ISO Step Setting] in the setup menu.

Key Custom Setting Menu

[ADJ. Lever Settings]

You can set the [Aspect Ratio] function in [ADJ. Lever Setting 1] to [ADJ. Lever Setting 4] on the Key Custom Settings tab. If you set the Aspect Ratio function, and press the ADJ. Lever button, will appear, allowing you to set the aspect ratio. For other available options, refer to the “Camera Body User Guide”.

[Set Fn1/Fn2 Button]

[Enlrg Display], [Enlrg All], [Focus Assist], and [Aspect ratio] are added.

If you set the Aspect Ratio function and press the Fn1 or Fn2 button, you will be able to set the aspect ratio. For other available options, refer to the “Camera Body User Guide”.

[ADJ. Direct ISO Control]

When [ADJ. Direct ISO Control] is set to [On], you can push the ADJ. lever sideways when shooting is possible to change the ISO setting. The default setting at the time of purchase is [Off].

Caution

- The ADJ. lever can be used to adjust sensitivity while the shutter button is pressed halfway in program shift and aperture priority modes (in program shift mode, sensitivity can be adjusted even after the shutter button is released, as long as shutter speed and aperture are displayed). Note that once sensitivity has been adjusted in this manner, [Auto] and [Auto-Hi] can not be re-selected.
- In manual exposure mode, you cannot use the ADJ. lever to change the ISO setting. (ISO settings can be changed with the GXR MOUNT A12.)

[Delete My Settings]

You can reset the settings set in [Reg. My Settings] for [My Settings Box] and for [MY1], [MY2], and [MY3] on the mode dial to their default.

[Restore Defaults]

If [Restore Defaults] is selected, the key custom settings will be reset.

Note

Settings set in [Reg. My Settings] will not be reset.

[Zoom Button]

You can select [Off], [Digital Zoom], [Exposure Compensation], or [White Balance] for the functions assigned to the /[] buttons. (For GR LENS A12 50mm F2.5 MACRO/GR LENS A12 28mm F2.5 only.)

[Reg. My Settings]

- You can select from any of My Settings Box [1] to [6] and Card [1] to [6] for the save location.
- Zoom position can be registered to My settings. When [Zoom Position] is selected in [Edit My Settings], the setting can be edited. (For RICOH LENS S10 24-72mm F2.5-4.4 VC/RICOH LENS P10 28-300mm F3.5-5.6 VC only)

Setup Menu

[ISO Setup Settings]

The [ISO Setting] in the shooting settings menu can be set in intervals of [1EV] or [1/3EV].

[ISO Auto-High Settings]

You can set the upper limits for the ISO setting and the shutter speed for switching the ISO setting when [ISO Setting] is set to [Auto-Hi].

[Sleep Mode] [Auto Power Off]

You can set the time allowed to elapse before the camera enters [Sleep Mode] or activates [Auto Power Off] from a range of 1 minute to 30 minutes.

[Firmware Version]

The firmware version of the camera is displayed. If a firmware update file is saved on a memory card, the firmware can be updated.

Note

For the latest information on firmware updates, see the Ricoh Web site (http://www.ricoh.com/r_dc/). You can download the latest firmware updates to upgrade your equipment.

[Target Zoom Play]

With Enlarged Display in playback mode, you can zoom in on the image centered at the position to which the camera was shifted by target shift during shooting.

[Zoom Display Release]

You can select whether to maintain or cancel the enlarged view after shooting pictures in Enlarged View mode. Selecting [Off] maintains Enlarged View mode and [On] cancels it after pictures are shot.

[Focus assist selection]

When [Focus Assist] is set to [On] in the shooting menu, you can select [MODE1] or [MODE2].

MODE1: Shape outlines for subjects/objects in focus are enhanced.

MODE2: The picture display switches to black and white, and the area in focus glows in white.

[Keep shooting conditions]

When this is set to [On], if you continue to press the shutter release button halfway after shooting without releasing the shutter, the focus, aperture, shutter speed, ISO, and white balance settings are retained.

Caution

- The shooting conditions are not retained in the following cases.
 - [Movie] and [Skew Correction Mode] of scene mode
 - Interval shooting
 - Continuous mode
 - Self-timer
- When set to [On], [Multi-P AUTO] of white balance operates as [Auto] and dynamic range compensation is invalid.

[White Saturation Display]

When set to [On], the white saturation areas of the image flash when displayed in White Saturation of playback mode.

[Copyright notice]

Enter the copyright information to write this information into the Exif data of the image.

Note

The recorded copyright information can be checked in the details + histogram display of the playback screen.

[Macro AF Distance Limit]

When [Macro AF Distance Limit] is set to [On], you can select the macro distance from [Macro On 12–30 cm], [Macro On 7–14 cm], and [Macro Off] each time by pressing the  (Macro) button. (For GR LENS A12 50mm F2.5 MACRO only)

[Spot AF Area Setting]

You can select either [Normal] or [Pinpoint] for the AF area. When [Spot AF] is selected in [Focus] in the Shooting Menu or using macro mode, the focus will be set to the AF area mode selected in the [Spot AF Area Setting]. (For GR LENS A12 50mm F2.5 MACRO/GR LENS A12 28mm F2.5 only)

Note

When [Pinpoint] is selected, the AF Area frame will be smaller than that in [Normal] mode.

Caution

With AF speed improvement provided by the firmware version 1.27 or later, [AF Mode] function added to the version 1.07 has been deleted.