

Functions Added to the GR DIGITAL

Thank you for purchasing the GR DIGITAL.

This manual explains new functions added to the contents of the included “GR DIGITAL Camera User Guide”. The noted page numbers refer to relevant pages in the “GR DIGITAL Camera User Guide”.

1 [N3:2(8M)] for [PIC QUALITY/SIZE]

You can set [N3:2(8M)] for [PIC QUALITY/SIZE] (P.69) in the Shooting Setting menu. The image size for [N3:2] is 3264×2176.

1. Turn the mode dial to **Q**, **P**, **A**, or **M**.

2. Press the MENU/OK button.

The Shooting Setting menu is displayed.

3. Press the **▼** button to select [PIC QUALITY/SIZE] and press the **▶** button.

4. Press the **▲▼** buttons and select [N3:2(8M)].

5. Press the MENU/OK button, or press the **◀** button and then the MENU/OK button.



Note

- When the image size is set to [RAW3:2], [F3:2] or [N3:2], a black border is added to the top and bottom of the image on the LCD monitor in accordance with the shooting range.
- You can change the size of images taken in [N3:2] to N1280 or N640. For how to change the image size, see P.118.
- The vertical/horizontal ratio for images taken in [F3:2] or [N3:2] is 3:2. When these images are resized, images are reduced in 4:3 ratio with black portions added to the top and bottom.
- When the image size is set to [N3:2], the approximate number of images that can be recorded in the internal memory and onto an SD memory card are as shown below.

Mode	Internal Memory	32M	64MB	128MB	256MB	512MB	1GB
Still Image	16	18	37	76	152	308	592

- When set to [N3:2], four images can be shot in Multi-shot mode. (When recording in the internal memory)



* L 7 2 6 2 9 1 4 *

3 [B&W (TE)] for [IMG SET]

You can now select [B&W (TE)] for [SEPIA] of [IMG SET]. With [B&W (TE)], you can add tinges of color to black and white images. Select any of the colors [SEPIA], [RED], [GREEN], [BLUE], and [PURPLE] from [TONING EFFECT].

1. Turn the mode dial to **Q**, **P**, **A**, or **M**.

2. Press the MENU/OK button.

The shooting menu is displayed.

3. Press the **▼** button to select [IMG SET] and press the **▶** button.

4. Press the **▲▼** buttons to select [B&W (TE)] and press the **▶** button.

The [IMG SET] screen appears.



5. Press the **▲▼** button to select [TONING EFFECT] and press the **▶** button.

6. Press the **▲▼** button to select from [SEPIA], [RED], [GREEN], [BLUE], or [PURPLE], and press the MENU/OK button or the **◀** button.

7. Press the **▲▼** buttons to select [COLOR DEPTH], [CONTRAST] and [SHARPNESS], and press the **◀▶** buttons to adjust the settings.

8. Press the MENU/OK button.

9. Press the MENU/OK button, or press the **◀** button and then the MENU/OK button.



2 [B&W] for [IMG SET]

You can now set [CONTRAST] and [SHARPNESS] for [B&W] of [IMG SET].

1. Turn the mode dial to **Q**, **P**, **A**, or **M**.

2. Press the MENU/OK button.

The Shooting Setting menu is displayed.

3. Press the **▼** button to select [IMG SET] and press the **▶** button.

4. Press the **▲▼** buttons to select [B&W] and press the **▶** button.

The [IMG SET] screen appears.



5. Press the **▲▼** buttons to select [CONTRAST] and [SHARPNESS], and press the **◀▶** buttons to adjust the settings.

6. Press the MENU/OK button.

7. Press the MENU/OK button or press the **◀** button and then the MENU/OK button.



Note

When [CL-BKT] is selected in [AUTO BRACKET] (P.80) (5 [CL-BKT] for [AUTO BRACKET]), [B&W], [CL], and [B&W (TE)] images are recorded even if [B&W] or [B&W (TE)] is selected in [IMG SET].

4 [ON ± 0.3]/[ON ± 0.5] for [AUTO BRACKET]

You can select the exposure difference for Auto Bracket (P.80) from [-0.3EV, ± 0, +0.3EV] and [-0.5EV, ± 0, +0.5EV].

1. Turn the mode dial to **Q**, **P**, **A**, or **M**.

2. Press the MENU/OK button.

The Shooting Setting menu is displayed.

3. Press the **▼** button to select [AUTO BRACKET] and press the **▶** button.

4. Press the **▲▼** buttons to select [ON ± 0.3] or [ON ± 0.5].

5. Press the MENU/OK button, or press the **◀** button and then the MENU/OK button.

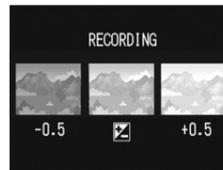
[AB] appears on the screen.



6. Press the shutter release button to shoot the subject.

The screenshot to the right shows the images shot with the [ON ± 0.5] setting.

Three consecutive shots are taken at -0.5EV, ± 0, and +0.5EV based on the set exposure compensation setting. When shooting is completed, three still images are displayed on the LCD monitor. They are, from left to right, at -0.5EV (darker), standard exposure compensation setting, and +0.5EV (brighter).



5 [CL-BKT] for [AUTO BRACKET]

You can select [CL-BKT] for [AUTO BRACKET] (P.80) in the Shooting Setting menu. When [CL-BKT] is selected, black & white, color and black & white (TE) or black & white and color images are recorded.

Set black & white, color and black & white (TE) or black & white and color images in the [CL-BKT B&W (TE)] SETUP menu in advance.

● [ON] / [OFF] for [CL-BKT B&W (TE)]

Setting	
ON	Black & white, color and black & white (TE) images are recorded.
*Default setting	
OFF**	Black & white and color images are recorded.

** When [B&W (TE)] for [IMG SET] is selected in the Shooting Setting menu, black & white, color and black & white (TE) images are recorded.

1. Display the SETUP menu.

2. Press the **▼** button to select [CL-BKT B&W (TE)] and press the **▶** button.

3. Press the **▲▼** buttons to select a setting.

4. Press the MENU/OK button or press the **◀** button and then the MENU/OK button.



Contrast, Sharpness and Color Depth during Color Bracket Shooting

The [CONTRAST] and [SHARPNESS] values set for the type of image in [IMG SET] are set to the color, black-and-white, and black-and-white (TE) image shot in Color Bracket shooting. The [COLOR DEPTH] value is only applied to color images if color images are selected in [IMG SET] and only to black-and-white (TE) images if [B&W (TE)] is selected. If [B&W] is selected, the [COLOR DEPTH] for color images becomes the central value, and the [COLOR DEPTH] for black-and-white (TE) images becomes the value set in [B&W (TE)].

(Example)

- If [SETTING1] is selected in [IMG SET] and images are shot using Color Bracket shooting: The [SHARPNESS] and [CONTRAST] values set in [SETTING1] are applied to color, black-and-white, and black-and-white (TE) images. The [COLOR DEPTH] value is only applied to color images.
- If [B&W (TE)] is selected in [IMG SET] and images are shot using Color Bracket shooting: The [SHARPNESS] and [CONTRAST] values set in [B&W (TE)] are applied to color, black-and-white, and black-and-white (TE) images. The [COLOR DEPTH] value is only applied to black-and-white (TE) images. The central value is applied for [COLOR DEPTH] for color images.

● [CL-BKT] for [AUTO BRACKET]

1. Turn the mode dial to **Q**, **P**, **A**, or **M**.

2. Press the MENU/OK button.

The Shooting Setting menu is displayed.

3. Press the **▼** button to select [AUTO BRACKET] and press the **▶** button.

4. Press the **▲▼** buttons to select [CL-BKT].

5. Press the MENU/OK button, or press the **◀** button and then the MENU/OK button.

6. Press the shutter release button and shoot the subject.

Black & white, color and black & white (TE) images are recorded when [CL-BKT B&W (TE)] is set to [ON].

Black & white and color images are recorded when [CL-BKT B&W (TE)] is set to [OFF].

* When [IMG SET] is set to [B&W (TE)] on the shooting menu, a black-and-white image, a color image, and a black-and-white (TE) image are recorded even if [CL-BKT B&W (TE)] is set to [OFF].



Note

- This function is not available when [PIC QUALITY/SINZE] is set to RAW mode.
- This function is not available during Multi-shot shooting.
- The flash cannot be used.
- The color can be changed using the shooting menu. (P.78)

6 [FLASH EXPO. COMP]

You can adjust the light intensity of the flash. You can set the light intensity from -2.0 EV to +2.0 EV in increments of 1/3 EV.

1. Turn the mode dial to **Q**, **P**, **A**, or **M**.

2. Press the MENU/OK button.

The shooting menu is displayed.

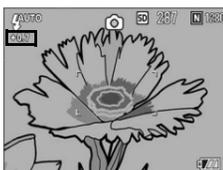
3. Press the **▼** button to select [FLASH EXPO. COMP] and press the **▶** button.

The flash exposure compensation bar appears.

4. Press the **▲▼** buttons to make the setting.

5. Press the MENU/OK button or press the **◀** button and then the MENU/OK button.

The setting appears on the screen except when the flash is set to [FLASH OFF].



Note

For information on how to use the flash, see P.44.

Caution

Flash exposure compensation may not work outside the flash range (P.44).

7 [LEFT]/[RIGHT] for [DIAL DIRECTION]

You can set the direction in which setting values increase or decrease when using the up-down dial and ADJ. dial for the following operations.

- Changing the F-value (up-down dial) in Aperture Priority mode (P.96).
- Changing F-value and shutter speed (up-down dial and ADJ dial) in Manual Exposure mode (P.97).
- Changing F-value/shutter speed combinations (up-down dial) in Program Shift mode (P.99).

Setting	
LEFT *Default setting	When the up-down dial is turned to the left, F-value increases. When ADJ. dial is turned to the left, shutter speed becomes faster.
RIGHT	When the up-down dial is turned to the right, F-value increases. When ADJ. dial is turned to the right, shutter speed becomes faster.

- Display the **SETUP** menu.
- Press the **▼** button to select **[DIAL DIRECTION]** and press the **▶** button.
- Press the **▲▼** buttons to select a setting.
- Press the **MENU/OK** button or press the **◀** button and then the **MENU/OK** button.



9 1/2/3/4 for [ADJ BTN. SET]

You can now set the four functions that can be changed in ADJ. mode (P.65) to [ADJ BTN. SET.1] to [ADJ BTN. SET.4].

Setting	Refer to
OFF *Set to [ADJ BTN. SET.4] by default	–
EXPO.CMP *Set to [ADJ BTN. SET.1] by default	P.87
WHT.BAL. *Set to [ADJ BTN. SET.2] by default	P.88
ISO *Set to [ADJ BTN. SET.3] by default	P.91
QUALITY (PIC QUALITY/SIZE)	P.69
FOCUS	P.74
IMG SET	P.78
METERING	P.77
CONT MDE	P.101
AUTO BKT	P.80
WITH SND	P.85
FLASH COMP	–

- Display the **SETUP** menu.
- Press the **▼** button to select **[ADJ BTN. SET.1]**, **[ADJ BTN. SET.2]**, **[ADJ BTN. SET.3]** or **[ADJ BTN. SET.4]**, and press the **▶** button.
- Press the **▲▼** buttons to select a setting.
- Press the **MENU/OK** button or press the **◀** button and then the **MENU/OK** button.



8 [ON]/[OFF] for [SYNCHRO. MONITOR]

When Synchro-Monitor Mode is set (P.32), you can set the LCD monitor to not illuminate when the shutter release button is half-pressed. This is useful when you do not want the LCD monitor to illuminate, such as when using an external viewfinder (P.12).

Setting	
ON *Default setting	LCD monitor illuminates when the shutter release button is half-pressed.
OFF	LCD monitor does not illuminate when the shutter release button is half-pressed.

- Display the **SETUP** menu.
- Press the **▼** button to select **[SYNCHRO. MONITOR]** and press the **▶** button.
- Press the **▲▼** buttons to select **[OFF]**.
- Press the **MENU/OK** button or press the **◀** button and then the **MENU/OK** button.



Caution

When [SYNCHRO. MONITOR] is set to [ON] and the power is turned on, [IN SYNCHRONIZED MONITOR MODE] is displayed. The message is not displayed when [SYNCHRO. MONITOR] is set to [OFF].

Note

- After shooting still images, image confirmation is displayed according to the setting for [LCD CONFIRM.]. For how to change the image confirmation time, see P.131.
- When in Movie mode, the LCD monitor turns on when the shutter release button is half-pressed even if [SYNCHRO. MONITOR] is set to [OFF].

Note

- For how to use ADJ. mode, see P.65.
- Regardless of ADJ. button settings, the functions that can be changed in ADJ. mode of [TEXT MODE] in Scene mode and Movie mode are fixed as follows.

Mode	Function that can be changed in ADJ. mode	Refer to
Scene Mode [TEXT MODE]	DENSITY	P.93
Movie Mode	WHITE BALANCE	P.88

- You can now change the ADJ. mode (P.65) with the zoom button as well as the **▲▼** buttons if [DIGITAL ZOOM] is set to [OFF] (P.146).

10 [ON]/[OFF] for [ADJ SHTR BTN SET]

You can now accept settings by pressing the MENU/OK button or half-pressing the shutter release button when performing the following operations.

- Performing settings in ADJ. mode (P.65).
- Zoom button operations when [DIGITAL ZOOM] is set to [OFF] (P.146) and [ZOOM BTN. SET.] is set to [EXPO.CMP] or [WHT.BAL.] (P.147).

Setting	
ON	Press the MENU/OK button or half-press the shutter release button to accept settings.
OFF *Default setting	Press the MENU/OK button to accept settings.

- Display the **SETUP** menu.
- Press the **▼** button to select **[ADJ SHTR BTN SET]** and press the **▶** button.
- Press the **▲▼** buttons to select **[ON]**.
- Press the **MENU/OK** button or press the **◀** button and then the **MENU/OK** button.



11 [FINE]/[NORMAL]/[N640] for [RAW/JPEG SETTING]

When shooting with [PIC QUALITY/SIZE] set to RAW mode (P.69), a JPEG file associated with the RAW format file (.DNG file) is recorded at the same time. You can change the picture quality and image size of this JPEG file.

Available Settings	
FINE *Default setting	Picture quality: Fine Mode; Image size: Recorded at the same size as the RAW format file.
NORMAL	Picture quality: Normal Mode; Image size: Recorded at the same size as the RAW format file.
N640	Recorded at the same picture quality and image size as [N640] (P.69) in [PIC QUALITY/SIZE].

- Display the **SETUP** menu.
- Press the **▼** button to select **[RAW/JPEG SETTING]** and press the **▶** button.
- Press the **▲▼** buttons to select the desired setting.
- Press the **MENU/OK** button, or press the **◀** button and then the **MENU/OK** button.



Note

- When [RAW/JPEG SETTING] is set to [N640] with [PIC QUALITY/SIZE] set to [RAW3:2], black borders are added to the top and bottom of the JPEG image.
- When the image size is set to RAW mode, the approximate number of images that can be recorded in the internal memory, onto an SD memory card, and for [RAW/JPEG SETTING] are as shown below.

Mode	Picture Quality	Image size	RAW/JPEG SETTING	Internal Memory	32 MB	64 MB	128 MB	256 MB	512 MB	1GB
Still Image	RAW	3264 x 2448	FINE	1	2	4	8	16	33	64
			NORMAL	1	2	4	9	18	36	70
			N640	2	2	5	10	20	42	81
		3264 x 2448	FINE	1	2	4	9	18	37	72
			NORMAL	2	2	5	10	20	41	79
			N640	2	2	5	11	23	47	91

13 SETUP Menu

Functions have been added and the SETUP menu items are now ordered as follows.

Setting	Option [Default setting]	Refer to
FORMAT [CARD]	_____	P.124
FORMAT [INT. MEM.]	_____	P.125
LCD BRIGHTNESS	_____	P.126
DIAL DIRECTION	[LEFT], RIGHT	–
SYNCHRO. MONITOR	[ON], OFF	–
AUTO POWER OFF	OFF, [1], 5, 30 Minutes	P.128
BEEP SOUND	[ALL], SHUTTER	P.129
VOL. SETTINGS	OFF [□□□], Small [■□□], [Medium] [■■□], Large [■■■]	P.130
LCD CONFIRM.	OFF, 0.5, [1], 2, 3 Seconds	P.131
SEQUENTIAL NO.	[ON], OFF	P.132
DATE SETTINGS	_____	P.134
LANGUAGE/言語	日本語, [ENGLISH], DEUTSCH, FRANÇAIS, ITALIANO, ESPAÑOL, 简体中文, 繁体中文, 한국어	P.135
VIDEO OUT MODE**	NTSC, PAL	P.136
SHTG STGS WARNG.	[ON], OFF	P.137
USB CONNECTION	MASS STR, [ORIGINAL]	P.138
ENLGE PHOTO ICON	[OFF], ON	P.142
COLOR SPACE SET	[sRGB], Adobe RGB	P.143
AF AUX. LIGHT	[ON], OFF	P.145
DIGITAL ZOOM	ON, [OFF]	P.146
ZOOM BTN. SET.	OFF, [EXPO. CMP], WHT. BAL.	P.147
ADJ BTN. SET.1 ¹ ADJ BTN. SET.2 ² ADJ BTN. SET.3 ³ ADJ BTN. SET.4 ⁴	[OFF] ⁴ , [EXPO.CMP] ¹ , [WHT.BAL.] ² , [ISO] ³ , QUALITY, FOCUS, IMG SET, METERING, CONT MDE, AUTO BKT, WITH SND, FLASH COMP	P.127
ADJ SHTR BTN SET	ON, [OFF]	–
REG. MY SETTINGS	SETTING1, SETTING2	P.148
START SETTINGS	[OFF], SETTING1, SETTING2	P.149
RAW/JPEG SETTING	[FINE], NORMAL, N640	–
CL-BKT B&W (TE)	[ON], OFF	–
INFO DISP	ON, [OFF]	–

** The default setting varies depending on where you purchased the camera.

12 [ON] and [OFF] for [INFO DISP]

When [INFO DISP] is set to [ON], information is displayed on the LCD monitor in the following cases even when [SYNCHRO. MONITOR] is set to [OFF]. (Only information, not the shooting screen, is displayed.) This is useful when using the external viewfinder.

- When the **⏸** (Self-timer) button or **Ⓜ** (Macro) button is pressed.
- When the mode dial setting is switched.
- When the up-down dial is rotated.
- When the ADJ. dial is turned during manual exposure mode (P.97).
- When the flash is opened.

After the information is displayed and operations are performed for several seconds, or when the shutter release button is half-pressed, the information display disappears and the camera returns to Synchro-Monitor Mode.

- Display the **SETUP** menu.
- Press the **▼** button to select **[INFO DISP]** and press the **▶** button.
- Press the **▲▼** buttons to select **[ON]**.
- Press the **MENU/OK** button, or press the **◀** button and then the **MENU/OK** button.



Note

- When the ADJ. dial or the MENU/OK button is pressed, the corresponding menu appears even when Synchro-Monitor Mode is set, regardless of the [INFO DISP] setting.
- If any of the following operations is performed, the LCD monitor turns on even when Synchro-Monitor Mode is set, regardless of the [INFO DISP] setting.
 - When the ADJ. dial, MENU/OK button, DISP. button, or **▶** (Playback) button is pressed.
 - When the **Q/Ⓜ** buttons are pressed except when [ZOOM BUTTON] is set to [OFF]. (P.147)
 - When the **▲▼** buttons are pressed during manual focus.
 - When the **▶** button is pressed in scene mode.

14 Tele Conversion Lens

You can now use an optional tele conversion lens (GT-1).

The GT-1 is a tele conversion lens with 1.43× magnification for when you want to take images at a standard range equivalent to 40 mm (35 mm film camera conversion).

It can be used together with a hood and adapter (with case).



Caution

- You cannot use the internal flash when using the wide conversion lens, tele conversion lens, and hood.
- The GT-1 may not operate properly if used without updating the GR DIGITAL firmware to the latest version.