

## Changes/Additions to GY-HM600/GY-HM650 Instruction Manual

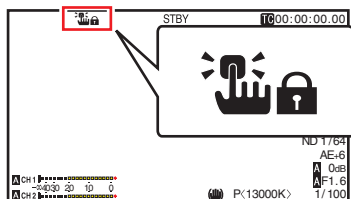
The following are additions/changes made to the features as well as changes made to the displays. Please read through it together with the "Instruction Manual".

### Addition of Operation Lock Feature

An Operation Lock feature has been added to prevent inadvertent operation of the camera.

While in the Camera mode, pressing and holding the [CANCEL] button on the camera body for 5 seconds or longer each time toggles the Operation Lock feature to "On/Off".

When the Operation Lock feature is "On", the following icon is displayed.



#### Memo:

- The Operation Lock feature can only be enabled in the Camera mode.
- Turning off the power of the camera turns off the Operation Lock too.
- The [CANCEL] button on the LCD monitor cannot be used to switch the Operation Lock feature to "On/Off".
- The following remote operations are possible even when the Operation Lock feature is set to "On".
  - Operation from a wired remote control connected to the [REMOTE] terminal.
  - Remote operation of the camera through a browser on a smartphone, tablet device, computer, etc.

#### ■ Operation Lock does not apply to the following buttons and switches.

- [POWER ON/OFF(CHG)] switch
- [ND FILTER] selection switch
- TC [IN/OUT] selection switch
- All switches inside the LCD monitor door (Operation Lock will be applied to the [CH1/CH2] adjustment knob.)
- Focus ring
- Grip zoom lever, handle zoom lever, zoom ring at the lens section
- [ZOOM SERVO/MANUAL] selection switch
- [FIX/VAR/OFF] zoom speed switch
- Iris ring
- [REC] button (located at the top of the handle, on the grip and at the bottom of the lens)
  - ※ Operation Lock will not be applied to the [REC] button at the bottom of the lens when [Camera Function] menu → [User Switch Set] → [Front REC] is set to other than "REC".

### Addition of Contour Adjustment Feature during Playback

A [PEAKING(Playback)] item has been added to the [LCD/VF] menu.

Setting to "On" enables you to adjust the contour of the playback image displayed in the LCD monitor or viewfinder using the [PEAKING +/-] button.

### Addition of Grid Display Feature

A [Grid Marker] item has been added to the [Marker Settings] menu.

Setting to "On" displays a 3x3 grid over the image on the screen.

Setting to "Off" enables you to select [Aspect Ratio], [Aspect Marker], or [Safety Zone].



#### Memo:

- When [Grid Marker] is set to "On", the following items in the [Marker Settings] menu will be disabled.
  - [Aspect Ratio]
  - [Aspect Marker]
  - [Safety Zone]

## Addition of Fixed Time (Timer Operation) Mode to the Magnified Focus Feature

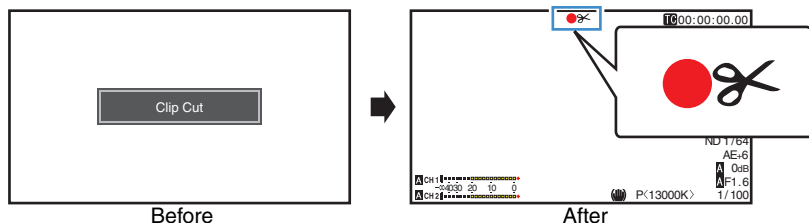
A [Limited Time] (timer operation) option has been added to the [Expanded Focus] item.

### ■ Operation (in the “Limited Time” setting)

- Auto focus : Switches the magnified focus to “Off” approximately 3 seconds after it is set to “On”.
- Manual focus : Switches the magnified focus to “Off” approximately 3 seconds after operation of the focus ring stops.

## Changes in Display during Clip Cutter Recording

During clip cutter recording, the message display is now changed into a 3-second icon display.



## Changes in Display during Dual Rec/Backup Rec

“DUAL” during Dual Rec and “BACKUP” in the Backup Rec mode used to be displayed on Display 0 and Display 1 only when there is a warning. It now appears on all display screens.

※ Not displayed during clip review.

## Changes in the Display of Slot Icon

The slot icon used to be displayed on Display 0 and Display 1 only when there is a warning. It now appears on all display screens in the following cases.

- During recording with only one of the slots when →[Slot Mode] of the [Record Set] menu is set to “Dual”.
- During recording with only one of the slots when [Record Format]→[System] is set to “HD+SD” or “HD+Web”.

## Addition of and Changes to Live Streaming Bitrates (GY-HM650U/GY-HM650E Only)

Streaming bitrate options have been newly added (in bold), and display of the bitrate options has been changed to the video bitrate (Mbps) format.

No. of Frames for AFrame & Bit Rate	Resolution	Setting before Change (●: Default Value)	Setting after Change (●: Default Value)
60i, 60p, 30p	1920x1080	●60i(H), 60i(L)	● <b>60i(8.0 Mbps)</b> , 60i(5.0 Mbps), 60i(2.5 Mbps)
	1280x720	●30p(H), 30p(L)	● <b>30p(5.0 Mbps)</b> , 30p(3.0 Mbps), 30p(1.5 Mbps)
	720x480	●60i	<b>60i(5.0 Mbps)</b> , ● <b>60i(3.0 Mbps)</b> , <b>60i(1.5 Mbps)</b> , 60i(0.8 Mbps), <b>60i(0.3 Mbps)</b>
50i, 50p, 25p	1920x1080	●50i(H), 50i(L)	● <b>50i(8.0 Mbps)</b> , 50i(5.0 Mbps), 50i(2.5 Mbps)
	1280x720	●25p(H), 25p(L)	● <b>25p(5.0 Mbps)</b> , 25p(3.0 Mbps), 25p(1.5 Mbps)
	720x576	●50i	<b>50i(5.0 Mbps)</b> , ● <b>50i(3.0 Mbps)</b> , <b>50i(1.5 Mbps)</b> , 50i(0.8 Mbps), <b>50i(0.3 Mbps)</b>

## Wider Range of Recording Formats that Support Live Streaming (GY-HM650U/GY-HM650E Only)

Distribution of live videos used to be supported only when [Record Format]→[System] is set to “HD”. This is now supported too in the “SD” setting.

## Addition of [REC] Feature to the [Camera control] Screen (GY-HM650U/GY-HM650E Only)

A [REC] button and a [STBY] button has been added to the [Camera control] screen during access via a smartphone, tablet device, computer, etc.

