

KMHD-63MG5SHD

產品特點

。CMOS 高感度百萬畫素晶片

- 。水平解析度高於800條 TVLines
- 。HD-SDI輸出模式/AV格式同步輸出

720P@50 / 60 HZ 1080P 25 / 30 HZ

- 。視頻輸出模式:NTSC / PAL
- 。最低照度:0.1 LUX(AGC ON)
- 。ICR紅外線可移動式濾光片:可選購





| 數位寬動態處理 攝像元件 | CMOS 高感度百萬畫素 | | | | |
|--------------|--|---------------|--------------|------------|--|
| 型號類型 | KMHD-63MG5SHD | | | | |
| 掃瞄系統 | | 逐行 | 行掃描 | | |
| 同步系統 | | 內 | 同步 | | |
| 最低照度 | | 0.1 LUX | (AGC ON) | | |
| 鏡頭和視角 | | C/CS接頭(需) | 用百萬畫素鏡頭) | | |
| ICR | | 紅外線可移動 | 式濾光片 : 選購 | | |
| 水平解析度 | | 800 TV Line | (HD SDI輸出) | | |
| 影像畫素輸出模式 | 720P@50HZ | 720P@60HZ | 1080P@25HZ | 1080P@30HZ | |
| 影像輸出 | | BNC 3G-SDI | (距離292公尺) | | |
| 類比輸出模式 | 4:3/16:9 NTSC / PAL (水平解析度: 700TVLine) | | | | |
| 通訊協定 | RS-485 (即時) | | | | |
| 數位雜訊抑制 | 2D / 3 D NR | | | | |
| 選單功能介紹 | PEAK / 背光補償 / 固定快門 / 白平衡 / 自動追踪白平衡 / R-Y,B-Y / 十 | | | | |
| | 字線 / 數位變焦P/T/Z, 加强, 畫面靜止 / 位移偵測 / Posi / 正片 負片 | | | | |
| | 功能 / 隐私遮 | 蔽 / 日夜控制 / 攝影 | 機名稱 / UV / 數 | 位矩陣 / 數位寬動 | |
| | 態 / 3D降躁 / | 除霧 /強光抑制功能/ | 水平垂直相反 / | 畫面翻轉 | |
| 語言 | 英文 日文 繁體中文 | | | | |
| Gamma修正 | 0.45 / 0.1 | | | | |
| 操作溫度 | | -200 | -50C | | |
| 操作濕度 | 濕氣:0%~85%RH以下 | | | | |
| 電源供應 | DC12V正負1V / 300MA | | | | |

Dimension(Unit : mm / ±0.3mm)



| REA | R PANEL | |
|------|-------------------------------|---------------------------------|
| 1 | HD-SDI OUT | (F) |
| 2 | CVBS VIDEO OUT | |
| 3 | Power in DC-Jack | 1 BHD-SDI OSD-SW B -9 |
| 4 | POWER ON INDEX LED | |
| 5 | OSD-SW "ENTER" | 4 RS 485 RS 485 RS 485 |
| 6 | OSD-SW "UP" | |
| 7 | OSD-SW "DOWN" | POWER 12V CVBS OUT |
| 8 | OSD-SW "LEFT" | |
| 9 | OSD-SW "RIGHT" | |
| 10 | RS-485 I/F (Not have release) | |
| IRIS | CONNECTOR(DC-LENS) | |
| P1 | DUMP- | 1 3 |
| P2 | DUMP+ | |
| P3 | DRIVE | |
| P4 | DRIVE | |

Model Name MG5(Multi-format type)

 $\ensuremath{\textbf{RETURN:}}$ Choose RIGHT or ENTER to return to the LUMINANCE MENU1



| CAUTO ELECTRIC SHUTTER →OFF ON →LUMINANCE LEVEL -numunijumum+ 00 | Move cursor to AES row, push [ENTER] bottom, the details setting will be displayed. |
|--|--|
| | You can select OFF/ON mode, select ON mode AES is turned on, ALC will be turned off automatically. |
| RETURN | |

 $\ensuremath{\textbf{OFF:}}$ at the mode AUTO ELECTRIC SHUTTER function will be stop

ON: at the mode can be adjustable AES level at the standard light setting between -40% to +40%, -40/-35/-30/-25/-20/-15/-10/-5/0/+5/+10/+15/+20/+25/+30/+35/+40 (All 17 levels). To adjust levels by [LEFT],[RIGHT] and ensure setting by [ENTER].

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU1

FIX SHUTTER



Move cursor to FIX SHUTTER row, push [ENTER] bottom, the details setting will be displayed. You can select OFF/ON mode, select ON mode FIX SHUTTER is turned on, AES will be turned off automatically.

OFF: at the mode FIX SHUTTER function will be stop

ON: at the mode can be select fix shutter speed, NTSC:1/30~1/10000s, PAL:1/25~1/10000s
NTSC:1/30,1/50,1/60,1/100,1/120,1/180,1/350,1/500.1/750,1/1000,1/2000,1/4000,1/10000.
PAL:1/25,1/50,1/60,1/100,1/120,1/180,1/350,1/500.1/750,1/1000,1/2000,1/4000,1/10000.
RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU1

PEAK AVERAGE



Move cursor to PEAK AVERAGE row, push [ENTER] bottom, the details setting will be displayed. You can select OFF/ON mode, select ON mode PEAK AVERAGE is turned on, BLC and XDR will be turned off automatically

OFF: at the mode PEAK AVERAGE function will be stop.

ON: adjust PEAK ratio when obtain brightness, adjustable range between 10% to 90% all 9 levels.

10% , 20% , 30% , 40% , 50% , 60% , 70% , 80% , 90% all 9 levels.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU1

BACK LIGHT

| EBACK LIGHT CONTROL →OFF ON →AREA | |
|--|--|
| RETURN | |

Move cursor to BACK LIGHT row, push [ENTER] bottom, the details setting will be displayed.

You can select OFF/ON mode, select ON mode BACK LIGHT is turned on, BLC & PEAK and XDR

will be turned off automatically.

OFF: at the mode back light function is stop.

ON: The below AREAs will be shown on the screen. Backlight AREA can be choose and set.

AREA: When SDV display mode=4:3 area 02~ 8D can be select and set, When SDV display

mode=FULL area 01~ 8E can be select and set.

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 0A | 0B | 0C | 0D | 0E |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 1A | 1B | 1C | 1D | 1E |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 2A | 2B | 2C | 2D | 2E |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 3A | 3B | 3C | 3D | 3E |

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU1

XDR



Move cursor to XDR row, push [ENTER] bottom, the details setting will be displayed.

OFF: If you select OFF mode the XDR

function will be stop.

LOW: XDR control is low level at the mode

GAMMA function switch to 0.45 automatically.

MIDDLE: XDR control is middle level.

HIGH: XDR control is high level.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU1

GAMMA

| Egamma control CRT gamma →LCD gamma 1.00 | Move cursor to GAMMA row, push [ENTER] bottom, the details setting will be displayed. |
|---|--|
| | Set Gamma control level for CRT(0.45) / LCD(0.7) / |
| RETURN | 1.00 |

XDR/FOG/ECLIPSE function are switched to OFF automatically when GAMMA is 1.00.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU1

LUMINANCE MENU2 (2/4)

AGC

| Eanalog Gain Control →Auto →Max Gain Level Fix | Move cursor to AGC row, push [ENTER] bottom, the details setting will be displayed. | | | | |
|---|--|--|--|--|--|
| →FIX GAIN LEVEL LiuuuuuuuH 00dB | AUTO: Set AGC AUTO the MAX GAIN LEVEL can | | | | |
| RETURN | be set from 0/2/4/6/8/10/12/14/16/18/20/22/24 | | | | |
| | dB (all 13 levels), To change levels by LEFT/RIGH | | | | |

and confirm by ENTER.

FIX: Set AGC gain is fix, FIX GAIN LEVEL can be set from 0~24dB.

0/2/4/6/8/10/12/14/16/18/20/22/24 dB (all 13levels), To change levels by LEFT/RIGHT and confirm by ENTER. **RETURN:** Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

SLOW SHUTTER



Move cursor to SLOW SHUTTER row, push [ENTER] bottom, the details setting will be displayed.

OFF: If you select OFF mode the SLOW SHUTTER

function will be stop

AUTO: Choose LIMIT TIME when SLOW SHUTTER is auto

By NTSC mode from 1/15~8sec. 1/15,1/8,1/4,1/2,1,2,4,8sec. 8 step.

By PAL mode from 1/12~8sec. 1/12,1/6,1/3,1/2,1,2,4,8sec. 8 step.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

DNR



Move cursor to DNR row, push [ENTER] bottom,

the details setting will be displayed.

OFF: If you select OFF mode the DNR function will be stop.

LOW: DNR control is low level.

MID: DNR control is middle level.

HIGH: DNR control is high level.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

DAY / NIGHT



Move cursor to DAY/NIGHT row, push [ENTER] bottom, the details setting will be displayed.

DAY: at the mode IR-cut FILTER is fixed.

NIGHT: at the mode IR-cut FILTER is remove.

COMPUL: IR-cut FILTER contral by external signal.

AUTO: When AGC is up to maximum and the brightness does not reach the standard, IR FILTER

will be remove, When AGC down to minimum and the bright will reach standard, IR FILTER will

be fixed.

At the AUTO mode IR FILTER control reaction time will be select from $1\sim$ 60sec.

1,5,10,20,30,40,50,60,sec. all 8 step.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

FOG REDUCTION

| RETURN | REDUCTION function will be stop. LOW: FOG REDUCTION control is low level. |
|----------------|--|
| HIĞH | OFF: If you select OFF mode the FOG |
| | displayed. |
| EFOG REDUCTION | [ENTER] bottom, the details setting will be |
| | Move cursor to FOG REDUCTION row, push |

*ECLIPSE function is switched to OFF automatically when FOG REDUCTION is ON. %GAMMA function is switched to 0.45 automatically when FOG REDUCTION is ON. MID: FOG REDUCTION control is middle level.

HIGH: FOG REDUCTION control is high level.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

ECLIPSE

| CECLIPSE →OFF LOW MID HIGH | Control |
|--|---------|
| RETURN | |

Move cursor to ECLIPSE row, push [RIGHT] or [ENTER] bottom, the details setting will be displayed.

OFF: If you select OFF mode the ECLIPSE function will be stop.

LOW: ECLIPSE control is low level.

% FOG REDUCTION function are switched to OFF automatically when ECLIPSE control is ON.

※ GAMMA function are **SWUTChed** to 0.45 automatically when ECLIPSE control is ON.

MID: ECLIPSE control is middle level. HIGH: ECLIPSE control is high level.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

SHARPNESS FILTER

| Esharpness filter Off →ON | |
|---------------------------------|--|
| RETURN | |

Move cursor to SHARPNESS FILTER row, push [ENTER] bottom, the details setting will be displayed.

OFF: If you select OFF mode the SHARPNESS

FILTER function will be OFF.

ON: If you select ON mode the SHARPNESS FILTER function will be ON. **RETURN:** Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

ENHANCE

| CENHANCE LEVEL →HDV →H | 00 00 00 | |
|------------------------------|----------------|--|
| RETURN | | |

Move cursor to ENHANCE row, push [ENTER]

bottom, the details setting will be displayed.

HDV: High Definition mode

SDV: Standard Definition mode

H: Set horizontal ENHACE LEVEL between -60 to +60.

0/-50/-40/-30/-20/-10/0/+10/+20/+30/+40/+50/+60 all 13 levels.

To change levels by LEFT/RIGHT, confirm by ENTER.

V: Set horizontal ENHACE LEVEL between -60 to +60.

0/-50/-40/-30/-20/-10/0/+10/+20/+30/+40/+50/+60 all 13 levels.

To change levels by LEFT/RIGHT, confirm by ENTER.

RETURN: Choose RIGHT or ENTER to return to the LUMINANCE MENU 2.

COLOR MENU (3/4)

COLOR MODE



Move cursor to COLOR MODE row, push [ENTER] bottom, the details setting will be displayed

MONO: If you select MONO mode the subcarrier will be off, display monochrome image. **OFF:** If you select OFF mode the subcarrier will be

on, display monochrome image.

ON: Normal color image is presented, Color mode is fixed, no relation IR filter is removable.

AUTO: at the mode can be control color gain supress level from $10\% \sim 100\%$ all 11 levels,

(0/10/20/30/40/50/60/70/80/90/100%)

Choose LEFT/RIGHT to change levels. Choose ENTER to confirm the setting.

RETURN: Choose RIGHT or ENTER to return to the COLOR MENU.

WHITE BALANCE



steps,R40/R35/R30/R25/R20/R15/R10/R5/ 0/ B5/ B10/B15/B20/B25/B30/B35/B40 (All 17 levels)

Choose LEFT/RIGHT to change levels. Choose ENTER to confirm the setting.

AWB: It's the one touch white balance and keeps the white balance conditions till resetting, *at the* mode COLOR OFFSET can be adjustable from R40~B40 all 17steps, R40/R35/R30/R25/R20/R15/R10/R5/ 0/ B5/ B10/B15/B20/B25/B30/B35/B40 (All 17 levels). Choose LEFT/RIGHT to change levels. Choose ENTER to confirm the setting. **RETURN:** Choose RIGHT or ENTER to return to the COLOR MENU.



Move cursor to UV MATRIX row, push [ENTER]

bottom, the details setting will be displayed

U MATRIX: U axis R/G/B color adjustable. R/G/B colors offset adjust from -128 to +127.

V MATRIX: U axis R/G/B color adjustable.

R/G/B colors offset adjust from -128 to +127

RETURN: Choose RIGHT or ENTER to return to the COLOR MENU.

COLOR GAIN



Move cursor to COLOR GAIN row, push [ENTER] bottom, the details setting will be displayed **GAIN CONTROL:** Offset value setting of color gain from -16 to +16.(Total 33 level)

Sekect a level with LEFT/ RIGHT key and determine

with ENTER key.

RETURN: Choose RIGHT or ENTER to return to the COLOR MENU.

COLOR TONE



Move cursor to COLOR TONE row, push [ENTER] bottom, the details setting will be displayed

R-Y LEVEL: adjustable B-Y LEVEL *offset* data. -40/-35/-30/-25/-20/-15/-10/-5/0/+5/+10/ +15/ +20/+25/+30/+35/+40/(All have 17 grades)

To change grade with LEFT/RIGHT, confirm with ENTER.

B-Y LEVEL: adjustable B-Y LEVEL offset data. -40/-35/-30/-25/-20/-15/-10/-5/0/+5/+10/ +15/

+20/+25/+30/+35/+40/(All have 17 grades)

To change grade with LEFT/RIGHT, confirm with ENTER.

RETURN: Choose RIGHT or ENTER to return to the COLOR MENU.

SETUP MENU (4/4)

LANGUAGE



Move cursor to LANGUAGE row, push [ENTER] bottom, the details setting will be displayed

Push ENTER or RIGHT enter to language select, push UP/DOWN select, use LEFT confirm.

RETURN: Choose RIGHT or ENTER to return to the SETUP MENU.

₩The specification and appearance of the product may change without notice.

Model Name MG5(Multi-format type) **TITLE**

Ver 2. 0 20110428

| CTITLE →OFF ON →CHARACTER SELECT POSITION →UP DOWN RETURN | TITLE CHARACTER SELECT 1080_30F_NOSDI !"#\$%&`()*+,/ 0123456789::<=>? @ABCDEFGHIJKLMNO PQRSTUVWXYZ[\]^_ `abcdefghijklmno pqrstuvwxyz{}} END |
|--|---|
| RETORIA | RETURN |

Move cursor to LANGUAGE row, push [ENTER] bottom, the details setting will be displayed **OFF:** TITLE display is off.

ON: TITLE display is on can be set display character and character display position.

Set the location of characters of cursor, Use ENTER to choose characters.

CHARACTER SELECT: Choose the writing with UP/DOWN/LEFT/RIGHT. Use ENTER to show in

the writing of cursor place The END place presses ENTER, will come back the writing chooses, and move first menu.[RETURE] Choose ENTER to return to TITLE MENU.

POSITION: Select display position is UP or DOWN

RETURN: Choose RIGHT or ENTER to return to the SETUP MENU

DEFAULT

Move cursor to LANGUAGE row, push [ENTER] **CDEFAULT** bottom, the details setting will be displayed. LOAD SAVE FACTORY RESET LOAD : Set the camera condition to default. SAVE : Save the present condition as default. RETURN FACTORY RESET : Reset to the factory default.

RETURN: Choose RIGHT or ENTER to return to the SETUP MENU

SPECIAL FUNCTION



Move cursor to SPECIAL FUNCTION row, push [ENTER] bottom, the special function page1 will be displayed, move cursor to RETURN row, push [LEFT] or [RIGHT] botton, the special function page2 can be display.

PRIORITY

RETURN

ESENS UP PRIORITY →AGC SLOW SHUTTER Move cursor to PRIORITY row, push [ENTER] bottom, the details setting will be displayed.

SENS UP PRIORITY: Sens up function control priority select AGC first or SLOW SHUTTER first.

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (1/2).

MOTION DETECT



Move cursor to MOTION DETECT row, push [ENTER] bottom, the details setting will be displayed.

OFF : Motion detection function will be disable.

 $\ensuremath{\textbf{ON}}$: Motion detection function will be active.

AREA: When display set to "4:3" mode only area 02~ 8D can be select and set, display mode

set to FULL mode all area 01~8E can be select and set.

To exit the area selection screen, move out the cursor to the out of parted area and press ENTER when "END" is displayed.

| 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 0A | 0B | 0C | 0D | 0E |
|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 1A | 1B | 1C | 1D | 1E |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 2A | 2B | 2C | 2D | 2E |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 3A | 3B | 3C | 3D | 3E |

SENSE LEVEL: Motion SENSE LEVEL will be set from $-40 \sim +40$,

(-40/-30/-20/-10/-0/+10/+20/+30/+40).

To change grade with LEFT/RIGHT, confirm with ENTER.

DIPLAY: While detect motion, OSD will show ON/OFF.

OFF: While detect motion, OSD display is OFF.

ON: While detect motion, OSD display is ON, After detect motion, OSD will show time will set.

10 is about 10 second, 30 is about 30 second, 60 is about 60 second.

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (1/2).

DIGITAL ZOOM



Move cursor to DIGITAL ZOOM row, push [ENTER]

bottom, the details setting will be displayed.

OFF : Digital zoom function will be disable.

ON : Digital zoom function will be active.

MAG: Digital zoom of the ratio will adjust.

 $100(W) \sim 400(T)$, to adjust with LEFT/RIGHT, confirm with ENTER.

POSITION: Digital zoom of image place will set up, to adjust with LEFT/RIGHT/UP/DOWN,

confirm with ENTER.

DEFAULT: Digital zoom position return to center.

AUTO: Digital zoom image auto pan-tile.

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (1/2).

H / V REVERSE



Move cursor to H/V RENERSE row, push [ENTER]

bottom, the details setting will be displayed.

H-REVERSE: Reverse the displayed picture to right or left.

Can be select ON / OFF

V-REVERSE: Reverse the displayed picture to up or down.

Can be select ON / OFF

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (1/2).

DISPLAY MODE



Move cursor to DISPLAY MODE row, push [ENTER] bottom, the details setting will be displayed. Set Digital Video output Format. **HDV :** (NTSC)Resolution can be selected in

either 720p60, 1080i60, 720p30 (C),

720p30(B), 720p30(A), 1080P30. (PAL) Resolution can be selected ineither 720p50, 1080i50, 720p25 (C), 720p25(B), 720p25(A), 1080p25

SDV : The image can be output as 4:3 or 16:9.

ASPECT : Aspect setting of Analog Video in case of 4:3. The image can be select NORMAL(1:1)

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or FULL in sensor valid pixel.

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (1/2).

DIGITAL OUT



Move cursor to DISPLAY MODE row, push [ENTER] bottom, the details setting will be displayed.

CODE: Digital out data SAV code and EAV code ON / OFF select.

CLOCK: Pixels clock active edge selector.

RANGE: NORMAL / FULL selector.

FORMAT: Digital out format selector TYPE1, TYPE2, TYPE3, TYPE4, four type.

TYPE1=U/Y/V/Y, TYPE2=V/Y/U/Y, TYPE3=Y/U/Y/V, TYPE4=Y/V/Y/U

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (1/2).



OFF : Privacy mask function will be disable.

 $\ensuremath{\textbf{ON}}$: Privacy mask function will be active.

POSITION: MASK of the place will adjust. To choose area with LEFT / RIGHT / UP / DOWN, confirm with ENTER. **SIZE:** MASK of the size will adjust. To choose area with LEFT/RIGHT/UP/DOWN, confirm with ENTER. **RETURN:** Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (2/2).

CROSS



LINE

Move cursor to CROSS LINE row, push [ENTER] bottom, the details setting will be displayed.

OFF: Cross line will be not display.

ON: Cross line will be display.

POSITION: Cross line of the place will adjust. To adjust with LEFT/RIGHT/UP/DOWN, confirm

with ENTER.

DEFAULT: Cross line set to standard position at the center of full image.

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (2/2).

FREEZE



Move cursor to FREEZE row, push [ENTER] bottom,

the details setting will be displayed.

OFF: Display image are normal

ON: Display image are freeze.

RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (2/2).

OSD MENUAL

There are 5 push switch [UP], [DOWN], [LEFT], [RIGHT], [ENTER], push the [ENTER] switch up to 2

second, a pretty menu will be pop-up on your screen.

You may now push [UP] or [DOWN] switch to browse around menu.

Select EXIT and press [RIGHT] or [LEFT] key to next page MENU, and select EXIT and press

[ENTER] key to exit MAIN MENU.

LUMINANCE MENU (1 \sim 4)



Model Name MG5(Multi-format type)

SPECIAL FUNCTION $(1 \sim 2)$

EXIT



EXIT

Chooses MENU with [UP],[DOWN] or Choose [ENTER], the SUB MENU will be displayed. If comes out from each SUB MENU, choose RETURN after [RIGHT] or Choose [ENTER]. If comes out from the Main Menu, choose EXIT after [RIGHT] or Choose [ENTER].

LUMINANCE MENU1 (1/4)

ALC



Move cursor to ALC row, push [ENTER] bottom, the details setting will be displayed.

You can select OFF/ON/FLC mode, select ON mode

ALC is turned on, AES will be turned off automatically.

OFF: at the mode AUTO LUMINANCE CONTROL function will be stop.

ON: at the mode can be adjustable ALC level at the standard light setting between -40% to +40%, -40/-35/-30/-25/-20/-15/-10/-5/0/+5/+10/+15/+20/+25/+30/+35/+40 (All 17 levels). To adjust levels by [LEFT],[RIGHT] and ensure setting by [ENTER].

FLC: flick less mode can be select ON or OFF

NTSC is at 1/100s and PAL is at 1/120s when FLC is on and the shutter is fixed.

COLOR BAR



RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (2/2).

POSI / NEGA



RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (2/2).

COMM ID



RETURN: Choose RIGHT or ENTER to return to the SPECIAL FUNCTION (2/2).