

DT-V100CG Menu Operations

Basic Manual



HD format including SDI can simply be displayed on this 10" CRT

- I. : HD / SD (SDI, component*)
- II. : HD / SD Format can be converted to Video Signal
- III. : No delay due to LINE conversion
- IV. : Using CRT of SD
 - * Advantage ; Viewing Angle / Response Time / Low Price
 - * Disadvantage ; Power Consumption (45w actual)
- V. Without above, almost same as DT-V19/17
(Marker / Level Meter / Underscan / Rush Display / Zoom / RS485Remote)
 - * Add. Function; Level Meter Function (During Zoom), Format Indicator Function
 - * No Function; Pulse Check Function

* Scheduled early 2006

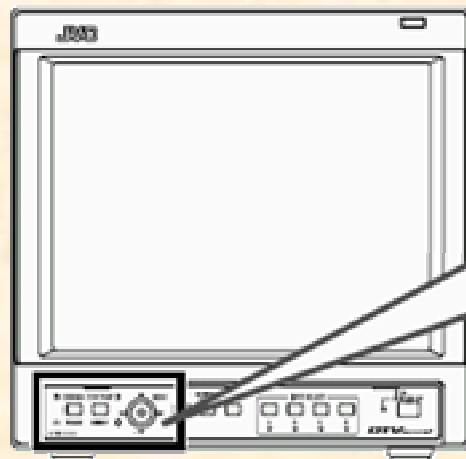
MAIN MENU



SET-UP MENU



■ Buttons for Menu Operations



CHROMA/PHASE button

To display SET-UP MENU, press the CHROMA/PHASE button while keeping to move the MENU control to ▾.

MENU control



Displays or closes a menu screen.



While a menu screen is displayed, selects or adjusts the menu items by moving the control to ▲/▼/◀/▶.

<MAIN MENU>

▶APERTURE CONTROL 1CH
sub menu SELECT :LOWER1
MARKER
COLOR MATRIX
ASPECT :4-3
DEGAUSS on

EXIT : **MENU** ENTER : **D** SELECT : **⊕**

<APERTURE CONTROL>

▶LEVEL : 05 1CH
CONTROL FREQ. : LOW
⊕sub menu
△reset

EXIT : **MENU** ADJUST : **⊞** SELECT : **⊕**

<MARKER>

▶SAFETY MARKER : OFF 1CH
R-SAFETY MARKER : OFF

EXIT : **MENU** ADJUST : **⊞** SELECT : **⊕**

<COLOR MATRIX>

▶SELECT : MANUAL1CH
R-Y PHASE : 90
R/B GAIN : 0.56
G-Y PHASE : 236
G/B GAIN : 0.34
⊕sub menu
△reset

EXIT : **MENU** ADJUST : **⊞** SELECT : **⊕**

How to Use Main Menu

MAIN MENU → APERTURE CONTROL



Compensates the frequency characteristics of the input video signal.

■ LEVEL

Adjusts the compensate value.

■ CONTROL FREQ.

Selects the frequency to compensate.

MAIN MENU MARKER



Controls ON / OFF and other Settings of the MARKER SELECT, ZOOM, ASPECT SELECT, and SAFETY MARKER functions Included in the MARKER Function.

■ MARKER SELECT

R-MARKER SELECT

It displays the area of the aspect ratio that has been set in the ASPECT SELECT / R-ASPECT SELECT, superimposed on the current screen.

■ ZOOM / R-ZOOM

Zooms the area of 4:3 aspect ratio to fill the whole screen when the signal of 16:9 format is input.

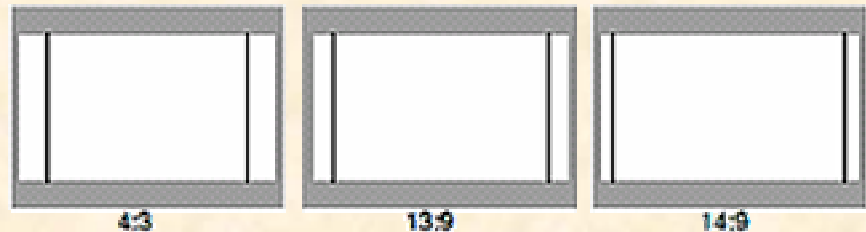
■ SAFETY MARKER / R-SEFERY MARKER

Displays dotted lines to indicate the areas corresponding to 80%, 88%, or 90% of the screen size (the aspect ratio setting in "ASPECT SELECT/R-ASPECT SELECT")

■ ASPECT SELECT/R-ASPECT SELECT

Selects the aspect ratio.

- 4:3/13:9/14:9



MAIN MENU → COLOR MATRIX



Selects or adjusts the standard of the Color demodulation (color rendering).

■ SELECT

Selects the picture matrix standard.

■ R-Y PHASE

Sets the R-Y phase.

■ R/B GAIN

Sets the R/B gain.

■ G-Y PHASE

Sets the G-Y phase.

■ G/B GAIN

Sets the G/B gain.

MAIN MENU ASPECT

Selects the aspect ratio.

4 : 3



16 : 9



MAIN MENU DEGAUSS on

Degausses the screen.

While degaussing, “Degaussing!” is displayed on the screen.

<FUNCTION SETTING>

▶COLOR SYSTEM :AUTO 1CH
SYNC SELECT :INT.
RUSH DELAY TIME :STD.
TALLY SELECT :GREEN
FORMAT IND. :OFF
REMOTE SYSTEM
HOUR METER X100h: 000

EXIT: MENU ADJUST: [00] SELECT: [0]

<COLOR TEMP./BAL.>

▶COLOR TEMP. :LOW 1CH
BLUE DRIVE : 000
RED DRIVE : 000
GREEN CUTOFF : 000
BLUE CUTOFF :MIN
RED CUTOFF : 000
↑-sub menu
△reset

EXIT: MENU ADJUST: [00] SELECT: [0]

<DISTORTION ADJ.>

▶PARALLELOGRAM : 00 1CH
TRAPEZOID : 00
ROTATION : 00
PURITY : 00
↑-sub menu
△reset

EXIT: MENU ADJUST: [00] SELECT: [0]

<SET-UP MENU>

FUNCTION SETTING 1CH
PICTURE SUB ADJ.
COLOR TEMP./BAL.
SIZE/POSI. ADJ.
DISTORTION ADJ.
▶STATUS DISPLAY
CONTROL LOCK :OFF
△all reset

EXIT: MENU ENTER: [0] SELECT: [0]

<PICTURE SUB ADJ.>

▶CONTRAST : 00 1CH
BRIGHT : 00
CHROMA : 00
PHASE : 00
NTSC SETUP : 00
FILTER SELECT :COMB
↑-sub menu
△reset

EXIT: MENU ADJUST: [00] SELECT: [0]

<SIZE/POSI. ADJ.>

▶H.SIZE : 00 1CH
H.POSITION : 00
V.SIZE : 00
V.POSITION : 00
↑-sub menu
△reset

EXIT: MENU ADJUST: [00] SELECT: [0]

<STATUS DISPLAY>

▶STATUS DISPLAY :AUTO 1CH

EXIT: MENU ADJUST: [00] SELECT: [0]

How to Use SET-UP Menu

SET-UP MENU → FUNCTION SETTING



Sets the control systems for the COLOR SYSTEM, synchronized signal, RUSH DELAY TIME, colors and functions of the tally lamp, groups of the audio output modes, and MAKE/TRIGGER terminal.

■ COLOR SYSTEM

Selects the color system.

■ SYNC SELECT

Selects the synchronized signal

■ RUSH DELAY TIME

Sets the delay time between when the stand-by button is pressed and when the monitor actually turns on.

■ TALLY SELECT

Selects the color of the tally lamp on the upper right of the front panel.

■ FORMAT IND.

Sets the tally lamp as the format indicator to show the format of the signal currently input.

ON: Uses the lamp as the format indicator.

Green: Shows the HD SDI signal is input.

Red: Shows the SD SDI Signal is input.

Orange: Shows the composite signal is input.

OFF: Uses the lamp as the tally lamp.

■ REMOTE SYSTEM

Sets the MAKE / TRIGGER terminal.

■ ZOOM WINDOW

Adjusts the horizontal position of the zooming area. This item appears on the menu only when using the Component Unit (option).

■ E. AUDIO GROUP

Sets the group of the available audio output modes selected by the MENU control.

■ HOUR METER X 100h

Displays the total usage time of the monitor in hundred-hour units.

SET-UP MENU ➡ PICTURE SUB ADJ.



The standard value (“00”) of the picture adjustment is initially set at the factory. You can adjust the standard value as your initial setting.

■ CONTRAST

■ BRIGHT

■ CHROMA

■ PHASE

■ NTSC SET UP

Sets the set-up level of the input NTSC signal.

■ COMPO. LEVEL

Sets the set-up level of the input component or SD DDI signal.

SET-UP MENU → COLOR TEMP. / BAL.



Sets or adjusts the color temperature or white balance.

■ COLOR TEMP.

Selects the color temperature.

■ BLUE DRIVE

Adjusts the blue drive level.

■ RED DRIVE

Adjusts the red drive

■ GREEN CUTOFF

Adjusts the green cut-off point.

■ BLUE CUTOFF

Adjusts the blue cut-off point.

■ RED CUTOFF

Adjusts the red cut-off point.

SET-UP MENU → SIZE / POSI. ADJ.



Adjusts the size or position of the picture.

■ H. SIZE

Adjusts the horizontal screen size

■ H. POSITION

Adjusts the horizontal screen position.

■ V. SIZE

Adjusts the vertical screen size.

■ V. POSITION

Adjusts the vertical screen size

■ ZOOM H. SIZE

■ ZOOM V. SIZE

SET-UP MENU ➡ DISTORTION ADJ.



■ PARALLELOGRAM

Compensates the parallelogram picture distortion.

■ TRAPEZOID

Compensates the trapezoid picture distortion

Compensates the picture distortion, tilt, and the color heterogeneity caused by the geomagnetic influence.

■ ROTATION

Compensates a picture tilt.

■ PURITY

According to the location of the monitor, there may be the color heterogeneity around the rim of the screen caused by the geomagnetic influence. You can avoid this color heterogeneity with this function decreasing the geomagnetic influence.

SET-UP MENU ⇨ STATUS DISPLAY



Sets the items related to the display screens, such as the status display or the AUDIO LEVEL METER display. Can also be used to set the 1080/60i or 1035/60i signal displayed correctly.

■ STATUS DISPLAY

Sets the status display.

AUTO / MANUAL / OFF

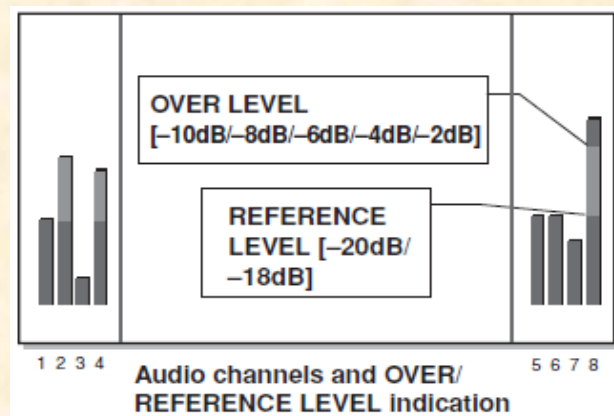
■ 1080 / 1035

When the component signal is input, the monitor does not automatically discriminate the 1080/60i signal from the 1035/60i signal. Set this item according to the input signal format. This item appears on the menu only when using the Component Unit (option). 1080 / 1035

■ Setting the AUDIO LEVEL METER display

You can check the conditions of the current EMBEDDED AUDIO signals on the AUDIO LEVEL METER display.

AUDIO LEVEL METER display example LEVEL METER ch: 1-8, BAR TYPE: 3COLORS



SET-UP MENU CONTROL LOCK

CONTROL LOCK

Prohibits the monitor operations except turning on/off the monitor and deactivating this function.

SET-UP MENU all reset

Resets all SET-UP MENU items to factory-preset values.