



Display

Video Products Technical Bulletin 30-2002-127

DATE: July 29, 2002

SUBJECT: **OPERATION MANUAL CORRECTION—
ADDITIONAL MENU ITEMS AVAILABLE WHEN
USING V1.20 SOFTWARE**

MODEL: **BVM-D20F1
BVM-D24E1W
BVM-D32E1W**

DESCRIPTION

When using version 1.20 software, correct the BVM-D20F1 Operation Manual as shown in Figures 1 through 4.

SERIAL NO: **ALL**

6

**OVERVIEW
OPTIONS**

BKM-21D SDI Multi Decoder Adaptor

Includes decoders for serial digital signals (525/625 component and NTSC/PAL composite) and analog composite signals (NTSC and PAL). Input/output connectors for three serial digital channels and three analog channels are equipped.

Composite digital signal (D2) of BKM-21D (multi-input adaptor) with serial numbers 2,100,001 and higher

The signal is processed as follows:

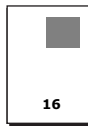
When the input adaptor BKM-24N (NTSC) or BKM-25P (PAL) is installed in the monitor, the analog composite and composite digital (D2) signals are processed in the decoder of the installed adaptor.

For example: When BKM-21D and BKM-24N are installed in the monitor and composite digital signals (D2, NTSC) are monitored, the input composite signals are processed in the decoder of BKM-24N.

ADD →

Figure 1

EM02-1011



**LOCATION AND FUNCTION OF PARTS
BKM-10R MONITOR CONTROL UNIT (OPTIONAL)**

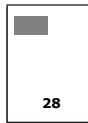
9 MANUAL adjustment buttons and knobs

Each press of one of these buttons turns the button's green LED on or off. When the corresponding button is on (lit), it is possible to manually adjust the contrast, brightness, chroma and phase by turning the corresponding knobs. The PHASE knob is also used to enter the setting values with the menus. It is possible to set the preset value for each adjusting item with the CONTROL PRESET ADJ menu.

ADD →

The MANUAL adjustment knobs can be used for normal adjustment mode or precise adjustment mode. To select the mode, set the F3 button to OFF or ON.

OFF: Normal adjustment mode
ON: Precise adjustment mode



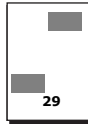
**MENU STRUCTURE
PRESET ADJUSTMENT OF THE PICTURE LEVEL CONTROL KNOBS—
CONTROL PRESET ADJ MENU
OVERVIEW**

The preliminary adjustments of contrast, brightness, chroma and phase are carried out with the CONTROL PRESET ADJ menu, to set the preset values to the knobs for the above-mentioned adjustments. Preset values can be set either commonly to all channels or separately for individual channels.

ADD →

The setting that is selected for adjustment (PRESET, CH SET) is displayed in the CONTROL PRESET ADJ menu.

Figure 2



**MENU STRUCTURE
PRESET ADJUSTMENT OF THE PICTURE LEVEL CONTROL KNOBS—
CONTROL PRESET ADJ MENU
SETTING LISTS IN THE CONTROL PRESET ADJ MENU**

A12 AUTO menu

Select the color bar signal to be used for automatic adjustment. ⇨ Adjustment is carried out.

8COLOR BAR 100%: 100% full-field 8-color bar (white, yellow, cyan, green, magenta, red, blue and black)

8COLOR BAR 75%: 75% full-field 8-color bar (with 100% signal, effective for 15K signal only)

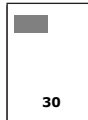
7COLOR BAR 100%: 100% full-field 7-color bar (white, yellow, cyan, green, magenta, red, and blue) (with 100% white signal, not selectable for 15K signal)

SMPTE COLOR BAR: SMPTE standard color bar (effective for 15K signal only)

EIA COLOR BAR: EIA standard color bar (effective for 15K signal only)

ADD →

HDW COLOR BAR: The quasi color bar for HD is used to adjust CHROMA levels automatically, which is output from the HD camera control unit (HDCU-900).



**MENU STRUCTURE
ADJUSTING THE COLOR TEMPERATURE—COLOR TEMP ADJ MENU
OVERVIEW**

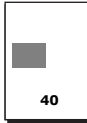
The color temperature is adjusted with the COLOR TEMP ADJ menu. The color temperature can be set either commonly to all channels (STD, COL1 and COL2 menus) or individually for each channel (CH SET menu).

Use the factory setting value or the adjusted value as an original value to shorten the adjustment time.

ADD →

The setting that is selected for adjustment (STD, COL1, COL2, CH SET) is displayed in the COLOR TEMP ADJ menu.

Figure 3



**MENU STRUCTURE
ASSIGNING THE REMOTE CONTROL FUNCTIONS (SET UP 2)–
REMOTE MENU
OVERVIEW**

Priority order of the remote control functions

It is possible to simultaneously use the BKM-10R/11R Monitor Control Unit, REMOTE 1, and REMOTE 2 for control, but commands from REMOTE 2 have priority. Therefore, it is impossible for the BKM-10R/11R or REMOTE 1 to change items set by REMOTE 2.

There is no priority order between commands from REMOTE 1 and the BKM-10R/11R control panel.



Priority order of the remote control functions

It is possible to simultaneously use the BKM-10R/11R Monitor Control Unit, SERIAL REMOTE, and PARALLEL REMOTE for control. The last commands have priority.

Process for parallel remote control (PARALLEL REMOTE)

- 1 All 8 pins are scanned.
- 2 Pins 8 through 1 are scanned for the channel setting process, and the first pin is selected.
- 3 Pins 8 through 1 are scanned for other processes, and the changed pins are selected.

ADD →

Example of channel selection when CH1 is assigned to pin 1 and CH2 is assigned to pin 2:

CH 2 (Pin 1)	OFF	ON	OFF	ON	OFF	
CH 2 (Pin 2)	OFF	ON	OFF	ON	OFF	
CH setting		CH 2	CH 1	CH 2	CH 1	CH 2

Figure 4