HITACHI

OPERATING GUIDE FOR
COLOUR MONITOR CPX1498MS

BEDIENUNGSANLEITUNG FÜR FARBMONITOR CPX1498MS

MODE D'EMPLOI DU MONITEUR COULEURS CPX1498MS

BEFORE OPERATING THIS EQUIPMENT

Mains Supply:

This equipment is designed to operate on 220-240V AC 50Hz only. Do not operate on DC power supplies or other voltages. Before connecting to the mains, please read the following instructions carefully.

IMPORTANT FOR THE UNITED KINGDOM

WORDING FOR CLASS 1 EQUIPMENT INSTRUCTION BOOKS AND LABELS

The mains lead on this equipment is supplied with a moulded plug incorporating a fuse, the value of which is indicated on the pin face of the plug. Should the fuse need to be replaced, an ASTA or BSI approved BS 1362 of the same rating must be used. If the fuse cover is detachable, never use the plug with the cover omitted. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug. Fuse covers are available from your dealer.

DO NOT cut off the mains plug from this equipment. If the plug fitted is not suitable for the power points in your home or the cable is too short to reach a power point, then use an appropriate safety approved extension lead or consult your dealer.

Should it be necessary to change the mains plugs, this must be carried out by a competent person, preferably a qualified electrician.

If there is no alternative to cutting off the mains plug, ensure that you dispose of it immediately, having first removed the fuse, to avoid a possible shock hazard by inadvertent connection to the mains supply.

WARNING: THIS EQUIPMENT MUST BE EARTHED

IMPORTANT

The wires in the mains lead are coloured in accordance with the following code;

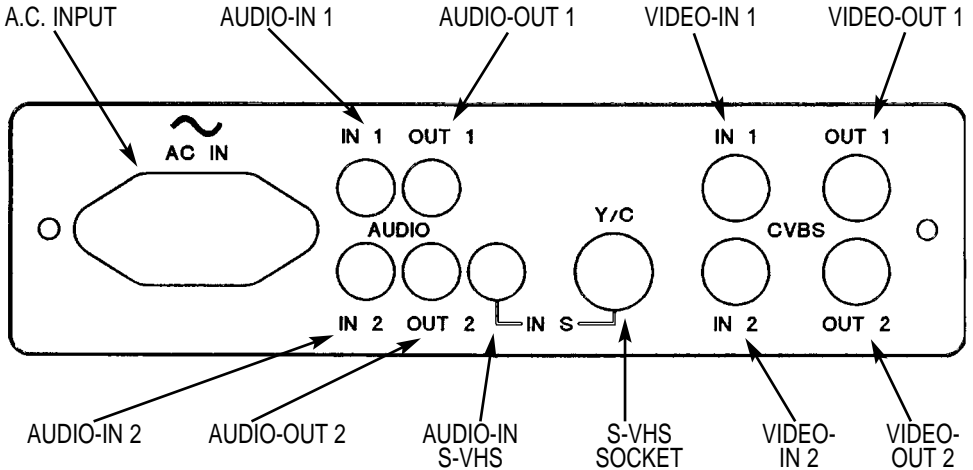Green and Yellow= Earth, Blue = Neutral, Brown = Live
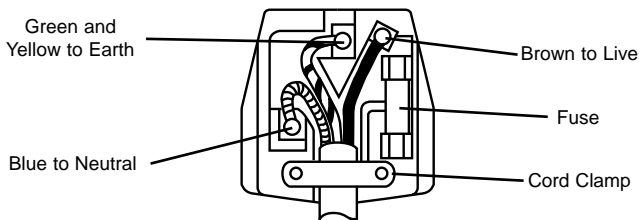
As these colours may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN and YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the EARTH symbol ⏚ or coloured GREEN or GREEN and YELLOW. The wire coloured BLUE must be connected to the terminal with the letter N or coloured BLUE or BLACK. The wire coloured BROWN must be connected to the terminal marked with the letter L or coloured BROWN or RED.

SET-UP INSTRUCTIONS

Connect your equipment to the desired sockets of this monitor

REAR VIEW

A.C. INPUT AUDIO-IN 1 AUDIO-OUT 1 VIDEO-IN 1 VIDEO-OUT 1

AUDIO-IN 2 AUDIO-OUT 2 AUDIO-IN S-VHS S-VHS SOCKET VIDEO-IN 2 VIDEO-OUT 2

OUTPUT SIGNALS

If desired, the signal inputs to the Video-in and Audio-in sockets can also be input to other equipment, such as a VCR. Simply connect VCR to the Video-out and Audio-out sockets, using suitable connecting leads. Please refer to your VCR operating guide for further instructions. The Video-out sockets have a 75 Ω termination resistor which is automatically disconnected when a connection is made to them.

Switch on monitor and equipment. The red LED indicator on the front of the monitor will light.

Control buttons

ON/OFF

LED
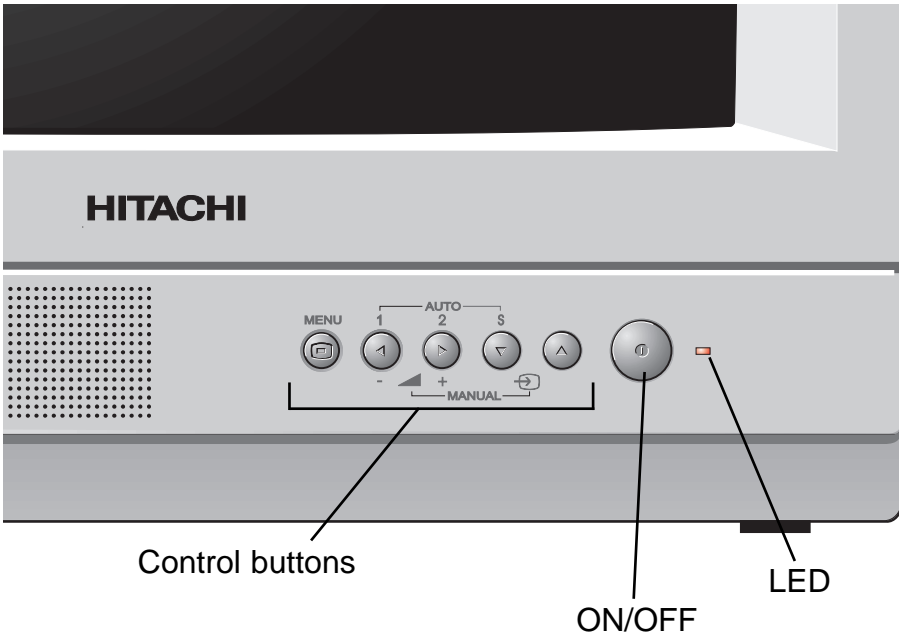
Control of monitor

All control for this monitor other than on/off is via the five front control buttons, MENU ◄ ► ▲ ▼, using these buttons will allow you to navigate your way around the `on screen displays` (OSD) built into this monitor.

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ON SCREEN DISPLAY (OSD) MENU STRUCTURE

MAIN MENU	
INPUT SELECT	MANUAL
VOLUME	30
PICTURE	SETUP
OPTIONS	SETUP
LANGUAGE	ENGLISH
◀▶ ⬍ Select	MENU Exit

User Selection

MANUAL, AUTO

0-63

ENGLISH, GERMAN, FRENCH, SPANISH, DUTCH, ITALIAN, SYMBOL

Volume Menu
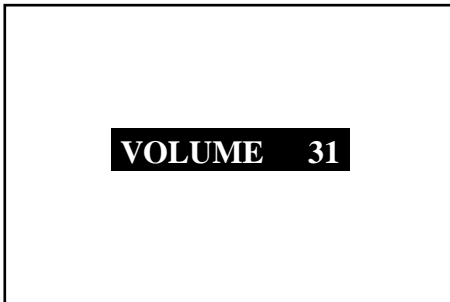
VOLUME   31

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PICTURE/SETUP		**User Selection**
BRIGHTNESS	21	**0-63**
CONTRAST	30	**0-63**
COLOUR	16	**0-63**
HUE	14	**0-63**
SHARPNESS	18	**0-63**
OSD BACKGROUND	NO	**YES/NO**
◀▶ ▲▼ Select	MENU Exit	

OPTIONS SETUP		**User Selection**
AV INPUTS	12S	**12S, 1-S and any other**
DWELL (s)	5	**combination 5 to 300 (sec)**
NAMES	SETUP	
OSD MODE	AUTO	**OFF, AUTO, PERMANENT**
◀▶ ▲▼ Select	MENU Exit	

NAMES SETUP		
INPUT	3	**1, 2, 3, SVHS**
NAME	AISLE	**16 ALFA NUMERICS**
◀▶ ▲▼ Select	MENU Exit	

Volume adjustment

Volume adjustment (manual only)

In "manual" to increase or decrease the volume level temporarily, simply press ◄ button to decrease the level and press ► button to increase the level. Pressing either of these buttons will display the "volume menu" on the screen.

Volume adjustment (auto) and to store a volume level

To ensure that the volume level will always return to your preferred setting from switch on or when adjusting volume level, (the only way to adjust in AUTO mode), follow this procedure: -

a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment).

b. Press the ▼ button once. The *volume line* will now become blue.

c. Press the ◄ or ► buttons to decrease or increase volume level to suit your personal preference.

d. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

Picture adjustments

a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment)

b. Press the ▼ button twice. The *picture line* will now become blue.

c. Press the ◄ or ► buttons to change to the "Picture set-up" menu.
   In "Picture set-up" menu : -

a. The *brightness line* will now be blue (indicating that this function is available for adjustment).

b. Press the ◄ or ► buttons to decrease or increase brightness level to suit your personal preference.

c. Press the ▼ button once. The *contrast line* will now become blue.

d. Press the ◄ or ► buttons to decrease or increase contrast level to suit your personal preference.

e. Repeat this procedure for the colour, hue (NTSC only) and sharpness.

f. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

Input select, Selection of video and audio inputs
a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment).
b. Press the ◄ or ► buttons to show either "auto" or "manual".

Manual
Once selected "manual" mode : -
a. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

Manual input selection
To select the various inputs : -
a. Press the ▲ or ▼ buttons to cycle through the various inputs in either direction.

Auto
In "auto" mode the display will sequence and wrap around through all the available inputs. The time that each input is displayed before the sequence continues (dwell time) is by the following procedure whilst in "main menu" : -
a. Press the ▼ button three times. The *options line* will now become blue.
b. Press the ◄ or ► buttons to change to the "Option set-up" menu.
In "Options set-up" menu : -
a. The *AV input line* will now be blue (indicating that this function is available for adjustment).
b. Press the ▼ button once. The *dwell line* will now become blue.
c. Press the ◄ or ► buttons to change the timing between 5 and 300 seconds
d. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

Auto override
To select the various inputs and suspend the auto function : -
a. Press the buttons 1, 2, or S to select and hold inputs 1, 2 or S respectively. For each selection "HOLD" will be displayed.
b. Another input can be held whilst the display is on alternative
c. To remove "hold" and resume operation press the button that was selected for hold.

Option selection

a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment).

b. Press the ▼ button three times. The *options line* will now become blue.

c. Press the ◄ or ► buttons to change to the "Option set-up" menu.
   In "Options set-up" menu : -

a. The *AV input line* will now be blue (indicating that this function is available for adjustment).

b. Press the ◄ or ► buttons to change to the video/audio inputs options required i.e. 12S, -2S, 1-S, 12-, 1--, -2-, --S
   For reference: 1 refers to input 1, 2 refers to input 2 and S refers to the SVHS input.

c. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

Language selection

a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment).

b. Press the ▼ button four times. The *language line* will now become blue.

c. Press the ◄ or ► buttons to change to the alternative language options required i.e. English, German, Spanish, Dutch, Italian and Symbol.

d. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

OSD background

a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment).

b. Press the ▼ button twice. The *picture line* will now become blue.

c. Press the ◄ or ► buttons to change to the "Picture set-up" menu.
   In "Picture set-up" menu : -

a. The *brightness line* will now be blue (indicating that this function is available for adjustment).

b. Press the ▼ button five times. The *OSD mode line* will now become blue.

c. Press the ◄ or ► buttons to switch on or off the OSD background.

d. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

OSD mode

a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment).

b. Press the ▼ button twice. The *OSD mode line* will now become blue.

c. Press the ◄ or ► buttons to show either "off", "auto" or "permanent".This allows the OSD to be on for a few seconds after any display change or on permanently.

d. The menu will stay on the screen for 20 seconds if no other operation is applied or you can press MENU button again and the menu will disappear. The new settings are now stored automatically.

Names

a. Press the MENU button once and the "main menu" will then appear on the screen as shown with the *input select line* coloured blue (indicating that this function is available for adjustment).

b. Press the ▼ button three times. The *options line* will now become blue.

c. Press the ◄ or ► buttons to change to the "Option set-up" menu.
   In "Options set-up" menu : -

a. The *AV input line* will now be blue (indicating that this function is available for adjustment).

b. Press the ▼ button twice. The *names line* will now become blue.

c. Press the ◄ or ► buttons to change to the "Names set-up" menu.
   In "Names set-up" menu : -

a. The *Input line* will now be blue (indicating that this function is available for adjustment).

b. Press the ◄ or ► buttons to select the input you wish to name. Once selected.

c. Press the ▲ or ▼ button once. The *name line* will now become blue.

d. Press the ◄ or ► buttons to highlight first position.

e. Press the ▲ or ▼ buttons to select the relevant character you wish to display. Once selected.

f. Press the ◄ or ► buttons to highlight second position.

g. Press the ▲ or ▼ buttons to select the relevant character you wish to display. Once selected.

h. Press the ◄ or ► buttons to highlight third position.

i. Repeat this procedure for all the remaining characters that you require up to 16 characters.

    Once selected.

j. The menu will stay on the screen for 40 seconds if no other operation is applied or you can press MENU button twice and the menu will disappear. The new settings are now stored automatically.

No sync

This is displayed in the middle of the screen when there is no sync or video on the selected input.
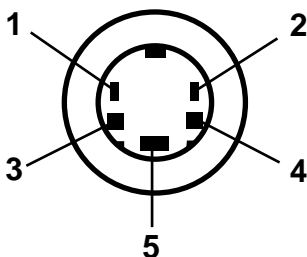
LED flashing

In the unlikely event that the LED flashes when the controls are not being used a fault has occurred.

SPECIFICATIONS

Picture Tube ....34cm Type A34EACO1X06
Mains Voltage...220 - 240V AC 50 Hz
Power Consumption ....38 Watts
Speaker ....8 Ω
Dimensions (W x H x D) cm..................................37 x 35.5 x 38.5
Weight ....8.8 kg

EXTERNAL CONNECTORS

S-VHS SOCKET

PIN NO.	FUNCTIONS	VOLTAGE LEVEL PEAK-PEAK
1	Chrominance input	0V7 above blanking at 75Ω impedance
2	Luminance input	1V0 at 75Ω impedance
3	Chrominance ground	
4	Luminance ground	
5	Frame ground	

PHONO CONNECTORS

Audio in   Audio out

Audio Output....0V5 nominal level
........................0V2 minimum
........................2V0 maximum at an impedance of less than 1KΩ.
Audio Input ......0V5 nominal level
........................2V0 maximum at an impedance of 10KΩ or more.

BNC CONNECTIONS

Video in   Video out

Video Input ....1V0 peak-peak at 75Ω impedance
Video Output ....1V0 peak-peak at 75Ω impedance