INSTRUCTIONS 1

Model No.

For customer Use:
Enter below the Model No. and the Serial
No. which is located on the rear panel of the
cabinet. Retain this information for future
reference.



PLASMA DISPLAY MONITOR GD-V500PZU

INSTRUCTIONS

WARNING: To reduce the risk of electric shock do not remove cover or back. No user-serviceable parts inside. Refer servicing to qualified service personnel. RISK OF ELECTRIC SHOCK DO NOT OPEN WARNING

The lightning flash with arrow-head within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.

The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.

N

WARNING: 1) To prevent electric shock do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

2) Do not remove the grounding pin on the power plug. This apparatus is equipped with a three pin grounding-type power plug. This plug will only fit a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician. Do not defeat the purpose of the grounding plug.

WARNING: To prevent damage which may result in fire or shock hazard, do not expose this appliance to rain or moisture.

Do not place containers with water (flower vase, cups, cosmetics, etc.) above the set. (including on shelves above, etc.)

Important Safety Instructions

- Read these instructions.
 All the safety and operating instructions should be read before the appliance is operated
- 2) Keep these instructions.
- The safety and operating instructions should be retained for future reference
- Heed all warnings.
 All warnings on the appliance and in the operating instructions should be adhered to.
- Follow all instructions.
- All operating and use instructions should be followed
- 5) Do not use this apparatus near water.
 For example, near a bathtub, wash bowl, kitchen sink, or laundry tube, in a wet basement, or near a swimming pool, and the like.
- 6) Clean only with dry cloth.
 Do not use liquid cleaners or aerosol cleaners. Use a dry cloth for cleaning.
- 7) Do not block any ventilation openings. Install in accordance with the manufacture's instructions.
 Slots and Openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect if from overheating. The openings should never be blocked by placing the product on a bed, sola, rug, or other similar surface
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat. provided or the manufacturer's instructions have been adhered to. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11) Only use attachments / accessories specified by the Manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the injury from tip-over.

 Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time. This will prevent damage to the product due to Lightning and power-line surges.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Dear JVC Customer

your new Plasma Display Monitor. Welcome to the JVC family of customers. We hope that you will have many years of enjoyment from

and retain them for future reference. To obtain maximum benefit from your set, please read these Instructions before making any adjustments,

the space provided on the rear cover of these instructions Retain your purchase receipt also, and note down the model number and serial number of your set in

Trademark Credits

VGA is a trademark of International Business Machines Corporation.

• VGA is a trademark of International Business Machines Corporation.

• Machintosh is a registered trademark of Apple Computer, USA.

• S-VGA is a registered trademark of the Video Electronics Standard Association.

Even if no special notation has been made of company or product trademarks, these trademarks have been fully

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FCC STATEMENT

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment, the protection against harmful interference when the equipment generates, uses, and can radiate radio frequency energy and, if not installed an used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC CAUTION:

Pursuant to 47CFR, Part 15.21 of the FCC rules, any changes or modifications to this monitor not expressly approved by JVC could cause harmful interference and would void the user's authority to operate this device.

CANADIAN NOTICE:
This Class A digital apparatus complies with Canadian ICES-003.

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Safety Precautions

WARNING

Do not place the Plasma Display Monitor on sloped or unstable surfaces

The Plasma Display Monitor may fall off or tip over.

Do not place any objects on top of the Plasma Display Monitory.

• If water spills onto the Plasma Display Monitor or foreign objects get inside it, a short-circuit may occur which could result in fire or electric shock. If any foreign objects get inside the Plasma Display Monitor, please consult an Authorized Service Center.

Do not cover the ventilation holes.

• Doing so may cause the Plasma Display Monitor to overheat, which can cause fire or damage to the Plasma Display Monitor.

If using the pedestal (optional accessory), leave a space of 3 '5/16" (10 cm) or more at the top, left and right, 2 3/8" (6 cm) or more at the bottom, and 2 3/4" (7 cm) or more at the rear. If using some other setting-up method, leave a space of 3 '5/16" (10 cm) or more at the top, bottom, left and right, and 3/4" (1.9 cm) or more at the rear.

AC Power Supply Cord

The Plasma Display Monitor is designed to operate on 120 V AC, 50/60 Hz.

Securely insert the power cord plug as far as it will go.

• If the plug is not fully inserted, heat may be generated which could cause fire. If the plug is damaged or the wall socket plate is loose, they should not be used

Do not handle the power cord plug with wet hands

Doing so may cause electric shocks.

Do not do anything that might damage the power cable. When disconnecting the power cable, hold the plug, not the cable.

 Do not make any modifications, place heavy objects on, place near hot objects, heat, bend, twist or forcefully pull
the power cable. Doing so may cause damages to the power cable which can cause fire or electric shock. If damage to the cable is suspected, have it repaired at an Authorized Service Center.

If the Plasma Display Monitor is not in use for a long period of time, unplug the power cord from the wall outlet

If problems occur during use

If a problem occurs (such as no picture or no sound), or if smoke or an abnormal odor is detected from the

lasma Display Monitor, unplug the power cord immediately.

Continuous use of the Display under these conditions might cause fire or permanent damage to the unit. Have the Display evaluated at an Authorized Service Center. Services to the Display by any unauthorized personnel are strongly discouraged due to its high voltage dangerous nature.

If water or foreign objects get inside the Plasma Display Monitor, if the Plasma Display Monitor is dropped, or if

the cabinet becomes damaged, disconnect the power cord plug immediately.

• A short may occur, which could cause fire. Contact an Authorized Service Center for any repairs that need to be made

Safety Precautions

This Plasma Display Monitor is for use only with the following optional accessories. Use with any other type of optional accessories may cause instability which could result in the possibility of injury.

(All of the following accessories are manufactured by JVC)

•	•	•	•	•
Ceiling Suspension Unit TS-C50P3G	 Wall Mounting Unit (angled) TS-C50P2G 	 Wall Mounting Unit TS-C50P6G 	Stand Unit TS-C50P1G	opeakers
TS-C50P3G	TS-C50P2G	TS-C50P6G	TS-C50P1G	1 3-C30003FG

Always be sure to ask a qualified technician to carry out set-up.

When using the Plasma Display Monitor

Do not bring your hands, face or objects close to the ventilation holes of the Plasma Display Monitor.

• Top of Plasma Display Monitor is usually very hot due to the high emperature of exhaust air being released through the ventilation holes. Burns or personal injuries can happen if any body parts are brought too close. Placing any object near the top of the display could also result in heat damages to the object as well as to the Display if its ventilation holes are blocked.

Be sure to disconnect all cables before moving the Plasma Display Monitor

Moving the Display with its cables attached might damage the cables which, in turn, can cause fire or electric

Disconnect the power plug from the wall outlet as a safety precaution before carrying out any cleaning

Electric shocks can result if this is not done.

Clean the power cable regularly to prevent it from becoming dusty.

• Built-up dust on the power cord plug can increase humidity which might damage the insulation and cause fire Unplug the cord from the wall outlet and clean it with a dry cloth.

7

Cleaning and maintenance

The front of the display panel has been specially treated. Wipe the panel surface gently using only a cleaning cloth or a soft, lint-free cloth.

- If the surface is particularly dirty, soak a soft, lint-free cloth in a weak detergent solution and then wring the cloth to remove excess liquid. Use this cloth to wipe the surface of the display panel, then wipe it evenly with a dry cloth, of the same type, until the surface is dry.
- Do not scratch or hit the surface of the panel with fingernals or other hard objects. Furthermore, avoid contact with volatile substances such as insect sprays, solvents and thinner, otherwise the quality of the surface may be adversely affected.

- If the cabinet becomes dirty, wipe it with a soft, dry cloth.

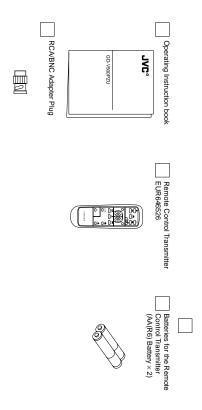
 If the cabinet is particularly dirty, soak the cloth in a weak detergent solution and then wring the cloth dry. Use this cloth to wipe the cabinet, and then wipe it dry with a dry cloth.
- Do not allow any detergent to come into direct contact with the surface of the Plasma Display Monitor. If water droplets get inside the unit, operating problems may result.
- Avoid contact with volatile substances such as insect sprays, solvents and thinner, otherwise the quality of the
 cabinet surface may be adversely affected or the coating may peel off. Furthermore, do not leave it for long periods
 in contact with articles made from rubber or PVC.

Do not allow a still picture to be displayed for an extended period, as this can cause a permanent after-image to remain on the Plasma Display Monitor.

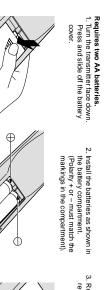
Examples of still pictures include logos, video games, computer images, teletext and images displayed in 4:3 mode

Accessories

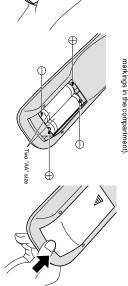
Accessories Supplied











Helpful Hint:

For frequent remote control users, replace old batteries with Alkaline batteries for longer life.

Optional Accessories

Speakers
 TS-C5000SPG

Stand Unit TS-C50P1G

Precaution on battery use

- Incorrect installation can cause battery leakage and corrosion that will damage the remote control transmitter.

 Observe the following precautions:

 1. Batteries should always be replaced as a pair. Always use new batteries when replacing the old set.

 2. Do not combine a used battery with a new one.

 3. Do not mix battery types (example: "Zinc Carbon" with "Alkaline").

 4. Do not altering to charge, short-circuit, disassemble, heat or burn used batteries.

 5. Battery replacement is necessary when the remote control acts sporadically or stops operating the Plasma Display.

9

For assembling

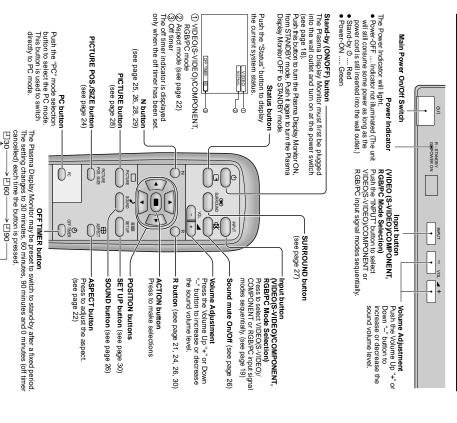
Full instructions are supplied with each optional accessories for use with this Plasma Display Monitor.

Wall Mounting Unit TS-C50P6G

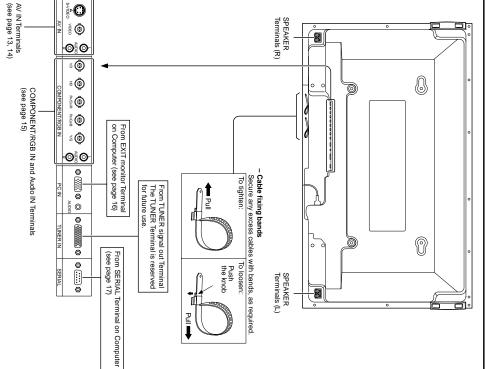
Wall Mounting Unit (angled) TS-C50P2G

Ceiling Suspension Unit TS-C50P3G

Basic Controls



Connections



2

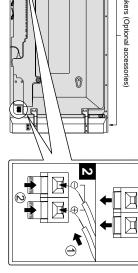
When three minutes remain, "Off timer 3" will flash. The off timer is cancelled if a power interruption occurs.

-⊞0 ★

Connections

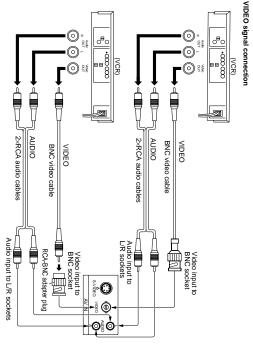
How to connect the speakers

Refer to the speaker's Installation Manual for details on speaker installation. When connecting the speakers, be sure to use only the optional accessory speakers. 0 Speakers (Optional accessories) 0 2



Connections

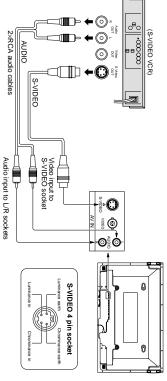
How to connect the AV Input Terminals



How to connect the AV Input Terminals

Connect the signal source equipment (see pages 14 to 17).

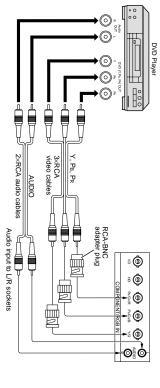
(Example) When connecting an S-VIDEO VCR



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How to connect the COMPONENT/RGB Input Terminals

Component signals (Y, PB, PR) connection

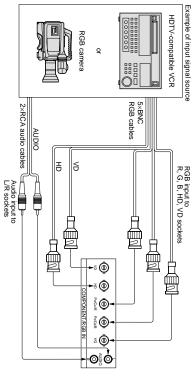


Notes:

(1) Change the "COMPONENT/RGB-IN" setting in the "SET UP" menu to "Y/PB/PR". (see page 30, 32)

(2) Additional equipment and cables shown are not supplied with this set.

RGB signal (R, G, B, HD, VD) connection



Notes:

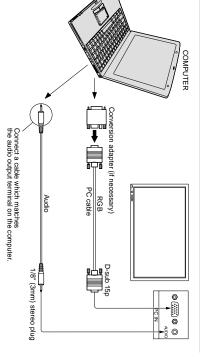
(1) Change the "COMPONENT/RGB-IN" setting in the "SET UP" menu to "RGB". (see page 30, 32)

(2) Additional equipment and cables shown are not supplied with this set.

Connections

Connections

How to connect the PC Input Terminals



- Notes:

 (1) Computer signals which can be input are those with a horizontal scanning frequency of 15.5 to 110 kHz and vertical scanning frequency of 48 to 120 Hz. (However, signals cannot be displayed it signals exceeding 1200 lines will not be displayed properly.)
- (2) The display resolution is a maximum of 1024×768 dots when the aspect mode is set to "NORMAL", and 1366×768 dots when the aspect mode is set to "FULL". If the display resolution exceeds these maximums, it may not be
- possible to show fine detail with sufficient clarity.

 (3) The PC input terminals are DDC1/2B-compatible. If the computer being connected is not DDC1/2B-compatible, you will need to make setting changes to the computer at the time of connection.

- (4) Some PC models cannot be connected to the set.
 (5) An adapter is required to use the PC cable (D-sub 15P) to connect a Macintosh computer to the set.
 (6) There is no need to use an adapter for computers with DOS/V compatible D-sub 15P terminal.
 (7) The computer shown in the illustration is for example purposes only.
 (8) Additional equipment and cables shown are not supplied with this set.
 (9) Do not set the horizontal and vertical scanning frequencies for PC signals which are above or below the specified frequency range.

Signal Names for D-sub 15P Connector

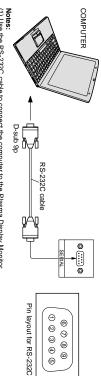
minal	is lawyer for DC input			000000	
6	4	3	0	①	Pin No.
GND (Ground)	GND (Ground)	В	G	R	Signal Name
8	9	8	9	⑥	Pin No.
GND (Ground)	NC (not connected)	GND (Ground)	GND (Ground)	GND (Ground)	Signal Name
3	14	13	13)	11	Pin No.
SCL	٧	HD/SYNC	SDA	GND (Ground)	Signal Name

Pin layout for

Connections

How to connect the SERIAL Terminals

The SERIAL terminal is used when the Plasma Display Monitor is controlled by a computer



Notes:

(1) Use the RS-232C cable to connect the computer to the Plasma Display Monitor.

(2) The computers shown is for example purposes only.

(3) Additional equipment and cables shown are not supplied with this set.

The SERIAL terminal conforms to the RS-232C interface specification, so that the Plasma Display Monitor can be controlled by a computer which is connected to this terminal. The computer will require software which allows the sending and receiving of control data which satisfies the conditions given below. Use a computer application such as a programming language to software. Refer to the documentation for the computer application for details.

Communication parameters Baud rate 9600 bps None None None None

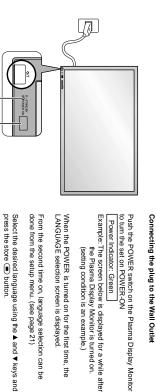
Parity Character length Stop bit X parameter S parameter

⊕•©	® Ø	4. ©	6	3	2	Pin number	RS-232C Pin assignment	
NC	Shorted	NC	GND	TXD	RXD	Signal	n assignment	

Basic format for control data	Command	Parameter	Control details
The transmission of control data from the computer starts	PON	None	Power ON
with a STX signal, followed by the command, the	POF	None	Power OFF
parameters, and lastly an ETX signal in that order. If there	UUA	None	Volume increase
to be sent	AUD	None	Volume decrease
C be seil.	AMT	None	Mute (toggle)
STX C1C2C3 : P1P2P3P4P5 ETX	SII	None	Input select (toggle)
		VID	AV Mode
Chart Ca-character (1 - 5 bytes) (03h)		YP1	Component / RGB mode (processed as a
command (3bytes)			Y/Ps/PR or RGB signals as set by this unit)
		RG1	PC mode
Note:	DAM	None	Screen mode select (toggle)
(1) If multiple commands are transmitted, be sure to wait		NORM	NORMAL (4:3)
this unit hafers conding the next command to come from		MOOZ	MOOZ
this unit before sending the next command.		FULL	FULL
(2) If an incorrect command is sent by mistake, this unit will		TSUL	TSUL
send an "ER401" command back to the computer.		SELF	AUTO

Power ON/OFF and Input Signal Selection

Power ON/OFF



Push the POWER switch on the Plasma Display Monitor to turn the set on POWER-ON

When the POWER is turned on for the first time, the LANGUAGE selection screen is displayed. (setting condition is an example.)

From the second time on, language selection can be done from the setup menu. (see page 21)

press the store 🔳 button. Select the desired language using the ▲ and ▼ keys and

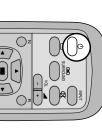
Power Indicator

└ Remote Control Sensor



From the second time on, the screen shown below is displayed for a while (setting condition is an example)





G

Press the 🖒 button on the remote control to turn the Plasma Display Monitor off

Press the 🖒 button on the remote control to turn the Plasma Display Monitor on Power Indicator: Red (standby)

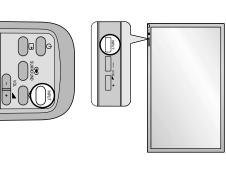
Power Indicator: Green

To turn the power for the Plasma Display Monitor off, press the 🖒 switch on the Plasma Display Monitor, when the Plasma Display Monitor is on or in standby mode.

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Power ON/OFF and Input Signal Selection

Select the Input Signal



Press the INPUT button to select the input video signal desired from equipment such as a VCR which has been connected to the Plasma Display Monitor.

NPUT

Input signals will change as follows:

For COMPONENT INPUT (see page 30) → VIDEO —→ COMPONENT —→ PC —

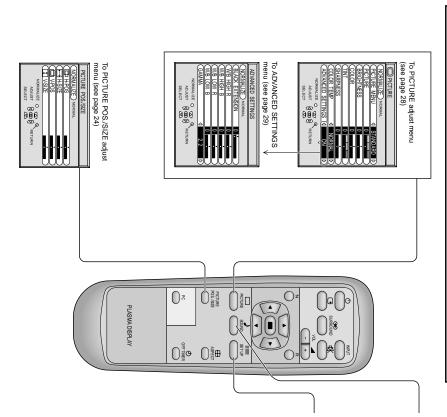
For RGB INPUT (see page 30)

_→ VIDEO —→ RGB —→ PC —

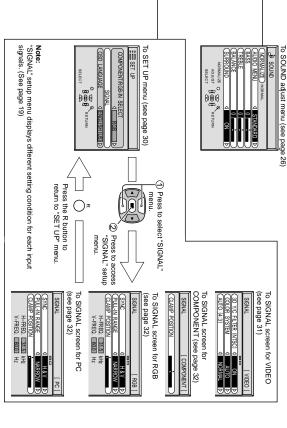
20

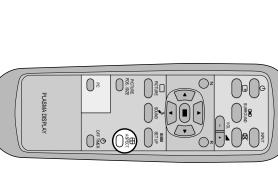
19

On-Screen Menu Display from Remote Control



On-Screen Menu Display from Remote Control





Selecting the On-Screen Menu Language

Press to display the SET UP menu

Press to select OSD LANGUAGE. Press to select your preferred language.

COMPONENT/RGB-IN SELECT RGB

SIGNAL SIGNAL (US) (D) RETURN

Selectable — languages

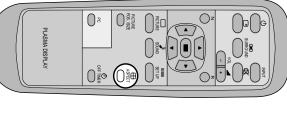
English (UK)
Deutsch
Français
Italiano
Español
ENGLISH (US)

日本語

· (Japanese)

ASPECT Controls

The Plasma Display Monitor will allow you to enjoy viewing the picture at its maximum size, including wide screen cinema format picture.



ASPECT button
The aspect mode changes each time the ASPECT button is pressed.

→NORMAL —→ ZOOM —→FULL

AUTO★ **→**TSUL·

Notes:

(1) During RGB and PC input signal modes, the mode switches between "NORMAL" and "FULL" only.

(2) For a 525p (480p) signal input during "COMPONENT" input signal mode, the mode switches between "ZOOM" and "FULL" only.

(3) For a 1125 (1080), 750p (720p) signal input during "COMPONENT" input signal mode, the mode is set to "FULL" mode, and switching is not possible. For a 5251 (480l), 6251 (5751) signal input during "Component" input signal mode, "Auto" can not be selected.

(4) The aspect mode is memorized separately for each input terminal (VIDEO, COMPONENT, RGB and PC).

22

ASPECT Controls

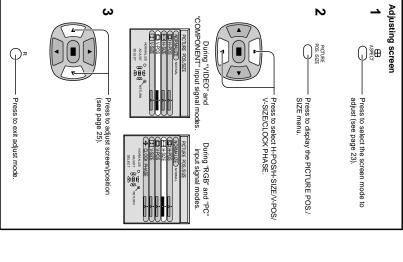
	JUST 0 4
→	
	JUST mode will display a 4:3 picture at its maximum size but with aspect correction applied to the center of the screen so that elongation is only apparent at the left and right edges of the screen. The size of the picture will depend on the original signal.

- Notes:
 (1) Do not allow 4:3 mode to be displayed for an extended period, as this can cause a permanent after-image to remain on the Plasma Display Panel.
 (2) The S-VIDEO terminal on this set can detect specially encoded signals that are compatible with a wide screen monitor. When a full image from the S-VIDEO terminal of specially encoded video is detected by the set, the screen size is automatically set to FULL mode.

Adjusting PICTURE POS./SIZE

Op Oc

SURROUND S





24

- Notes:

 (1) Adjustment details are memorized separately for different input signal formats (Adjustments for component signals are memorized for 6251 (480), 625 (575), 525p (480p), 1125 (1080)) and 730p (720p) each, and RGB/PC signals are memorized for each frequency.)

 are memorized for each frequency.)

 (2) if "Cue" or "Rew" signal from a VCR or DVD player is received, the picture position will shift up or down. This picture position movement cannot be controlled by the PICTURE POS/SIZE function.

Adjusting PICTURE POS./SIZE

CLOCK PHASE (RGB/PC in Mode)	V-SIZE	V-POS	H-SIZE	H-POS
Flickering and distortion can be eliminated by using the Position Left "◀" or Right "▶" button to carry out adjustment.	When the Position Left "4" button is pressed	When the Position Left "4" button is pressed	When the Position Left "4" button is pressed 0 0 0 -	When the Position Left "4" button is pressed
ing the Position Left "┫" or Right "▶" button to	When the Position Right ">" button is pressed	When the Position Right ** button is pressed	When the Position Right ** button is pressed	When the Position Right "▶" button is pressed

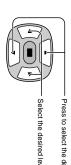
** Helpful Hint (/ NORMALIZE) Normalization)

While the PICTURE POS/SIZE display is active, if either the N button on the remote control is pressed at any time or the (a) (ACTION button) is pressed during "NORMALIZE", then all adjustment values are returned to the factory

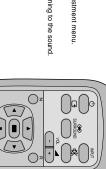
SOUND Adjustment

Press the SOUND & button to display the SOUND menu.

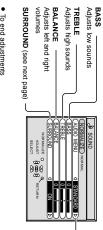
2 Select to adjust each item

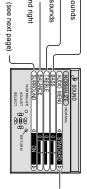
















STANDARD | Emits the original sound. AUTO Automatically controls proper volume level.

To end adjustments



Press R button

Note:
Press the SURROUND button to directly turn the surround effect ON and OFF. (See page 27)

- Helpful Hint (\ / (NORMALIZE) Normalization)

While the "SOUND" menu is displayed, if either the N button on the remote control is pressed at any time or the (a) (ACTION button) is pressed during "NORMALIZE", then all adjustment values are returned to the factory settings.

Mute

Useful when answering the phone or receiving unexpected visitors

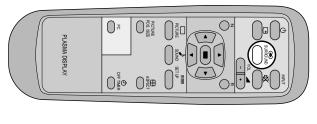


Press this button to multe the sound.

Press again to reactivate sound. Sound is also reactivated when power is turned off or volume level is changed.

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SURROUND Controls



SURROUND SURROUND

SURROUND Button
The benefits of surround sound are enormous. You can be completely enveloped in sound; just as if you were at a concert hall or cinema.

The surround setting switches on and off each time the SURROUND button is pressed.

 $ON \longleftrightarrow OFF$

Note:
The surround settings are memorized separately for each SOUND mode (AUTO, STANDARD).

SURROUND ON

27

PICTURE Adjustments



2 Select to adjust each item.

Select the desired level by looking at the picture behind the menu. Press to select the menu to adjust.



Press the left ◀ or right ▶ button to switch between

STANDARD ←→ DYNAMIC ←

➤ CINEMA <</p>

STANDARD

STANDARD

For viewing in standard (evening lighting) environments.

This menu selects the normal levels of BRIGHTNESS and PICTURE.

DYNAMIC

For viewing in brighter environments.

This menu selects higher than normal levels of BRIGHTNESS and PICTURE.

CINEMA ☐ CINEMA

Ideal for movies.

• Can be selected for VIDEO/
COMPONENT.

Press the left ◆ or right ▶ button to select 'ON". Press the down ▼ button to enter ADVANCED SETTINGS mode. ADVANCED SETTINGS ON Enables fine picture adjustment at a professional level (see page 29).

DVANCED SETTINGS

Note: If you would like to change the picture and color of the selected PICTURE menu to something else, adjust using the items in the PICTURE menu. (See page 29)

modes. Press the left ◀ or right ▶ button to switch between |→NORMAL ←→ COOL ←→ WARM ←|

ADVANCED SETTINGS OFF Displays images with settings of the PICTURE menu.

** Helpful Hint (" / (NORMALIZE) Normalization)

While the "PICTURE" menu is displayed, if either the N button on the remote control is pressed at any time or the (a) (ACTION button) is pressed during "NORMALIZE", then all adjustment values are returned to the factory settings.

PICTURE Adjustments

		More	Less	
a	Displays a sharp image.	▼	A	SHARPNESS
	Adjust for nice skin color.	Greenish	Reddish	(NTSC only)
©	Adjusts slightly to a lighter color.	More	Less	COLOR
(X	Adjusts for easier viewing of dark pictures such as night scenes and black hair.	Brighter	Darker	BRIGHTNESS
_	Selects the proper brightness and density for the room.	More	Less 🛦	PICTURE
žZ	Adjustments	Effect	_	Item

- Notes:

 (1) "COLOR", "TINIT" and "SHARPNESS" settings cannot be adjusted for "RGB" and "PC" input signal modes.

 (2) You can change the level of each function (CONTRAST, BRIGHTNESS, COLOR, TINT, SHARPNESS) for
- The setting details for normal, dynamic and cinema respectively are memorized separately for each input mode (VIDEO, COMPONENT, RGB each PICTURE menu.
- and PC).

 (4) The "TINT" setting can be adjusted for NTSC signal only.

Note:
There is little change when PICTURE is increased with a bright picture or reduced with a dark picture

ADVANCED SETTINGS

1:0	Down Up	(
20 ←→ 22 ←→ 25	•	GAMMA
Adjusts the white balance for dark blue areas.	Less More	W/B LOW B
Adjusts the white balance for dark red areas.	Less More	W/B LOW R
Adjusts the white balance for light blue areas.	Less More	W/B HIGH B
Adjusts the white balance for light red areas.	Less More	W/B HIGH R
Adjusts the dark shades of the image in gradation.	Less More	BLACK
Details	Effect	Item

Notes:

(1) Carry out "W/B" adjustment as follows.

(2) Adjust the white balance of the bright sections using the "W/B HIGH R" and "W/B HIGH B" settings.

(3) Adjust the white balance of the dark sections using the "W/B LOW R" and "W/B LOW B" settings.

(4) Repeat steps.

(5) And (6) to adjust.

(6) Steps.

(7) The adjustment values are memorized separately for each input mode (VIDEO, COMPONENT, RGB and PC).

(8) The adjustment range values should be used as an adjustment reference.

-জ্বি- Helpful Hint (্\ / \ \ \ \ \ \ \ \ Normalization)

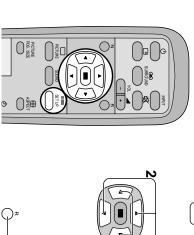
While the "ADVANCED SETTINGS" menu is displayed, if either the N button on the remote control is pressed at any time or the (

ACTION button) is pressed during "NORMALIZE", then all adjustment values are returned to the factory

SET UP for Input Signals

COMPONENT/RGB IN SELECT

Select to match the signals from the source connected to the COMPONENT/RGB input terminals Y, PB, PR signals 👄 "COMPONENT" R, G, B, HD, VD signals 👄 "RGB"





SET UP Press to display the SET UP menu screen.

Press to select the "COMPONENT/RGB IN SELECT".

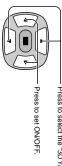
Press to select the desired mode COMPONENT/RGB-IN SEL



BO RETURN

Adjusting unnatural video images (3D Y/C FILTER)

Select the SIGNAL from the "SET UP" menu during VIDEO (S-VIDEO) input signal mode. ("SIGNAL [VIDEO]" menu is displayed.)



Press to select the "3D Y/C FILTER (NTSC)"



Press (store) button

़ T GO RETURN

Press to exit from adjust mode.

SET UP for Input Signals

COLOR SYSTEM / AUTO

Select SIGNAL from the "SET UP" menu during VIDEO (S-VIDEO) input signal mode. ("SIGNAL [VIDEO]" menu is displayed.)

"AUTO".

Press to select the "COLOR SYSTEM" or

COMPONENT/RGB-IN SELECT SET UP SIGNAL Q (ENGLISH (US)

Press 🔳 (store) button



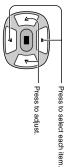
If the picture image becomes unstable: With the system set on Auto, under conditions of low level or noisy input signals the image may in rare cases become unstable. Should this occur, set the system to match the format of the input Press to select each functions. \Leftrightarrow B RETURN

SET UP for Input Signals

Select SIGNAL from the "SET UP" menu during RGB or PC input signal mode.

CLAMP POSITION

P POSITION PH-FREQ. 31.5 V 두 중



The following operation methods are the same for both the SIGNAL [RGB] and SIGNAL [PC].



Setting RGB sync signal setting:

Confirm that the input is set to RGB INPUT (this setting is valid only for RGB INPUT).

H&V: The H and V sync signals are input from the HD/D (BNC) connector.

ON G: Uses a synchronized signal on the Video G signal, which is input from the G (BNC) connector.

ON VIDEO: Compatible with the scart plug (Europe)

The composite video signal input from the VIDEO input terminal is used by dividing the sync signals.

Setting PC sync signal setting:

AUTO (4:3)

Set to "NORMAL" to view 4:3 images in an unchanged format when AUTO is selected. If you would like to view 4:3 images in "Just" format, set to "JUST".

Color system

is determined automatically.

Set the color system to match the input signal. If set to "AUTO", the color system

>> AUTO <-> PAL <-> SECAM <-> M·NTSC <-> NTSC <->

Mode

Confirm that the input is set to PC INPUT (this setting is valid only for PC INPUT).

H&V: The H and V sync signals are input from the HDVDD (BNC) connector.

ON G: Uses a synchronized signal on the Video G signal, which is input from the G (BNC) connector.

PULL IN RANGE

Sets the width for different frequencies.

PULL IN RANGE

(This setting is the same for both SIGNAL [RGB] and SIGNAL [PC].)

CLAMP POSITION

Adjusts the clamp position.

The following operation methods are the same for "SIGNAL" menu during COMPONENT, RCB and PC input signal mode.

Normally, these addisaments are set to appropriate levels and, therefore, do not need to be altered.

H-FREQ (kHz) /V-FREQ (Hz)

Displays the H (Horizontal) /V (Vertical) frequencies.

This display is valid only for RGB input and PC input.

Display range: Horizontal 15.5 - 110 kHz Vertical 48 - 120 Hz

(PULL IN RANGE H-FREQ. 31.5 V-FREQ. 60.0 조 조

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Troubleshooting

Before you call for service, determine the symptoms and make a few simple checks as shown below.

NO NO	No	No No	Nom	Int	P
No Color	? No Picture	? No Picture	Normal Picture	Interface	Symptoms Picture
Normal Sound	Normal Sound	No Sound	No Sound	Noisy Sound	stoms Sound
Color system (see page 28, 29)	If a signal with a non-applicable color system format, or frequency is input, only the input terminal indication is displayed.	Not plugged into AC outlet Not switched on PICTURE and BIGHTNESS/Volume setting (Check by pushing the power switch or stand-by button on the remote control.)	Volume (Check whether the mute function has been activated on the remote control.)	Electrical Appliances Cars/Motorcycles Fluorescent light	Checks

Specifications

SPEAKERS (6 Ω)		+	PC						COMPONENT/RGB \	,	(0)	AV	Connection terminals						Scanning format	Color System	Applicable signals	Humidity	Temperature	Operating condition			Screen size		Brightness Capability	Contrast Ratio		Plasma Display panel	Power off condition	Stand-by condition	Normal use	Power Consumption	Power Source	
16W [8 W + 8 W] (10 % THD) For TS-C5000SPG only	EXTERNAL CONTROL TERMINAL (D-SUB9PIN) RS-232C COMPATIBLE	AUDIO IN (M3.5 JACK) 0.5 Vrms (high impedance)		(RCA PIN JACK × 2)		P _R /R (BNC) 0.7 Vp-p (75-ohm)	P _B /B (BNC) 0.7 Vp-p (75-ohm)	0.7 Vp-p/non-composite (75-ohm)	Y/G (BNC) 1.0 Vp-p/composite (75-ohm)	2)	INI DIN 4PIN)	Video IN (BNC) 1.0 Vp-p (75-ohm)		Vertical scanning frequency 48 - 120 Hz	Horizontal scanning frequency 15.5 - 110 kHz	SXGA, UXGA (compressed)	VGA, SVGA	XGA display	525i (480i), 625i (575i), 525p (480p), 750p (720p), 1125i (1080i)	NTSC, PAL, PAL60, SECAM, Modified NTSC		20 % - 80 %	34 °F - 104 °F (0 °C - 40 °C)		1,049,088 (1366 (W) × 768 (H)) [4,098 × 768 dots]	No. of pixels	1106 mm (W) \times 622 mm (H) \times 1269 mm (diagonal)	(As a set) 300 cd / m ²	(Panel only) 500 cd / m²	3000:1	50-inch, 16:9 aspect ratio	Drive method AC type	0.7 W	2.4 W	Max. Amps 5.5 A		120 V AC, 50/60 Hz	GD-V500PZU

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Some parts of the screen do not light up

After-images appear

Do not allow a still picture to be displayed for an extended period, as this can cause a permanent after-image to remain on the Plasma Display Monitor. Examples of still pictures include logos, video games, computer images, teletext and images displayed in 4:3 mode.

The plasma display panel is manufactured using an extremely high level of precision technology, however, sometimes some parts of the screen may be missing picture elements or have luminous spots. This is not a malfunction.

Check

Plasma Display panel

Symptoms

Specifications

GD-V500PZU

EUR646526 2× AA Size

Optional Supplied
Speakers
Stand Unit
Wall Mounting Unit
Wall Mounting Unit
(angled)

TS-C5000SPG TS-C50P1G TS-C50P6G TS-C50P2G

Accessories Supplied
Remote Control Transmitter

Batteries

Ceiling Suspension Unit
Dimensions
(W × D × H)

47.6" (1210mm) × 28.5" (724 mm) × 3.9" (98mm)

TS-C50P3G

Weight (Mass)

approx. 99.2 lbs (main unit only) approx. 109.3 lbs (with speakers)

28.5" (724 mm)

Note:
Design and specifications are subject to change without notice. Weight and dimensions shown are approximate.

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BOTINOM YAJASID AMRAJA UZ9002V-DƏ