42" High-Definition Plasma Monitor

PLA-4255BD

Operation Manual

20041126

Polaroid.

Table of Contents

Safety Precautions

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN!

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USE-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The lightning flask with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Warning

The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Caution

To prevent electric shock, match wide blade of plug to wide slot, fully insert. Refer to the identification/rating label located on the back panel of your product for its proper operating voltage.

Caution

Using video games or any external accessory with fixed images for extended periods of time can cause them to be permanently imprinted on the picture tube (or projection TV picture tubes). ALSO, some network/program logos, phone numbers, etc. may cause similar damage. This damage is not covered by your warranty.

Cable TV Installer

This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

Customer Record

You will find the model number and chassis number of your TV on the back of your TV set. Record these numbers in the spaces provided below. Refer to them whenever you call customer service or your dealer regarding this product.

Model Number:_____

Chassis Number:_____

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
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 third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
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 the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
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.
15. Warning - This product should only be serviced by an authorized and properly trained technician. Opening the cover or other attempts by the user to service this product may result in serious injury or death from electrical shock, and may increase the risk of fire.

FCC Statement of Compliance

Class B Computing Device Information to User

This equipment has been tested and found to comply with the limits for a Class B Digital Device pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment receives interference while off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

    1) Reorient or relocate the receiving antenna.
    2) Increase the separation between the equipment and TV.
    3) Connect the equipment into an outlet on a circuit different from that to
        which the TV is connected.
    4) Consult the dealer or an experienced radio/TV technician for help and
for additional suggestions.
The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio - TV Interference Problems". This booklet is available from the US Government Printing Office. Washington, D.C. 20402, Stock No. 004-000-00345-4.

FCC Warning
The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE: In order for an installation of the product to maintain compliance with the limits for a Class B Device, shielded cables must be used.

Plasma Display

**Front view**

STATUS   R   ⏻

1   2   3
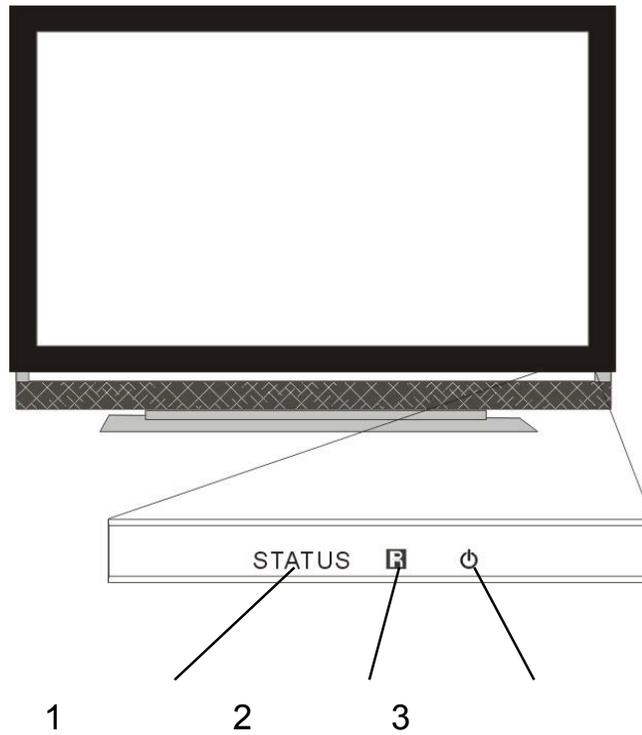
1. Status LED indicator

2. IR Receiver for remote control

3. Standby/on LED indicator

Right view
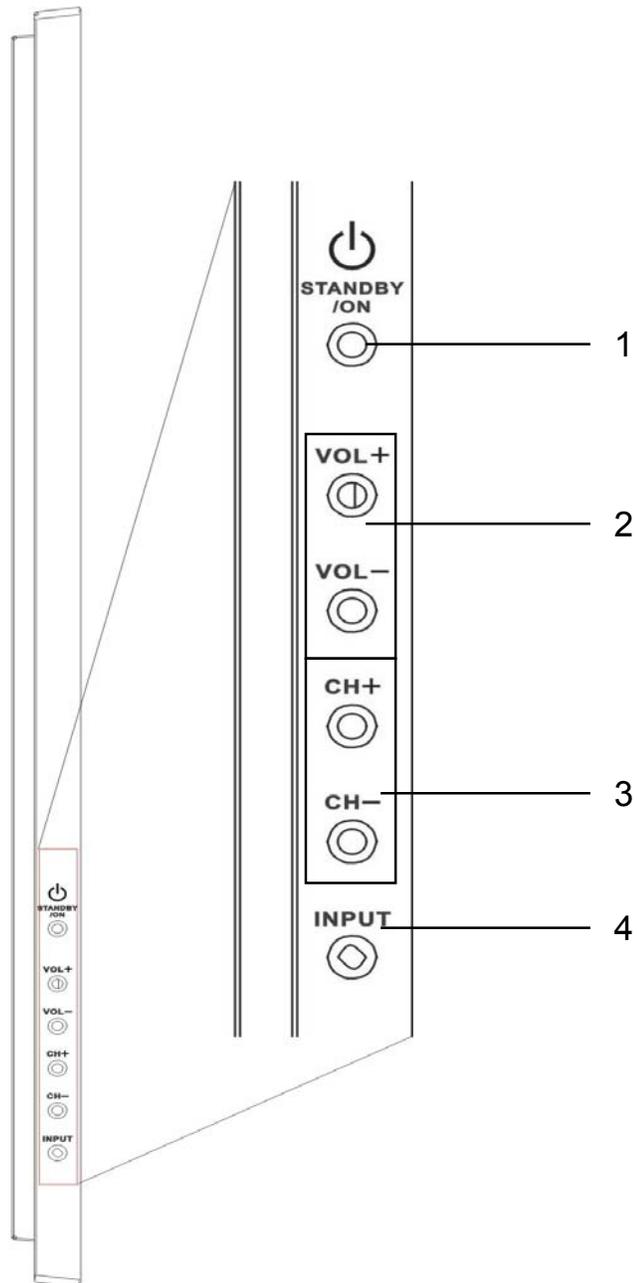
1. STANDBY/ON button

2. VOLUME +/- buttons

3. CHANNEL +/- buttons

4. INPUT button

Rear view

5   6
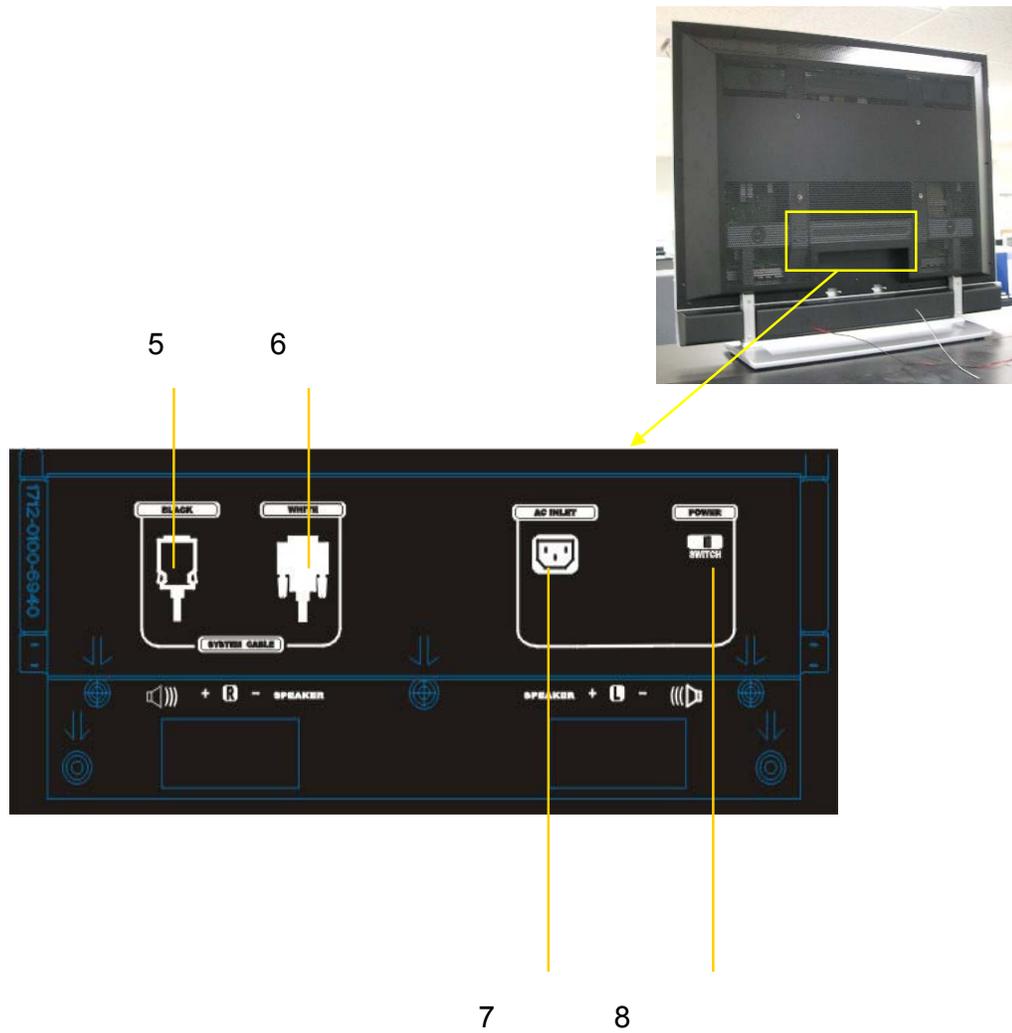
5. SYSTEM CABLE terminal (BLACK)
6. SYSTEM CABLE terminal (WHITE)
7. AC INLET terminal
8. POWER switch

Set-Top Box

Front view
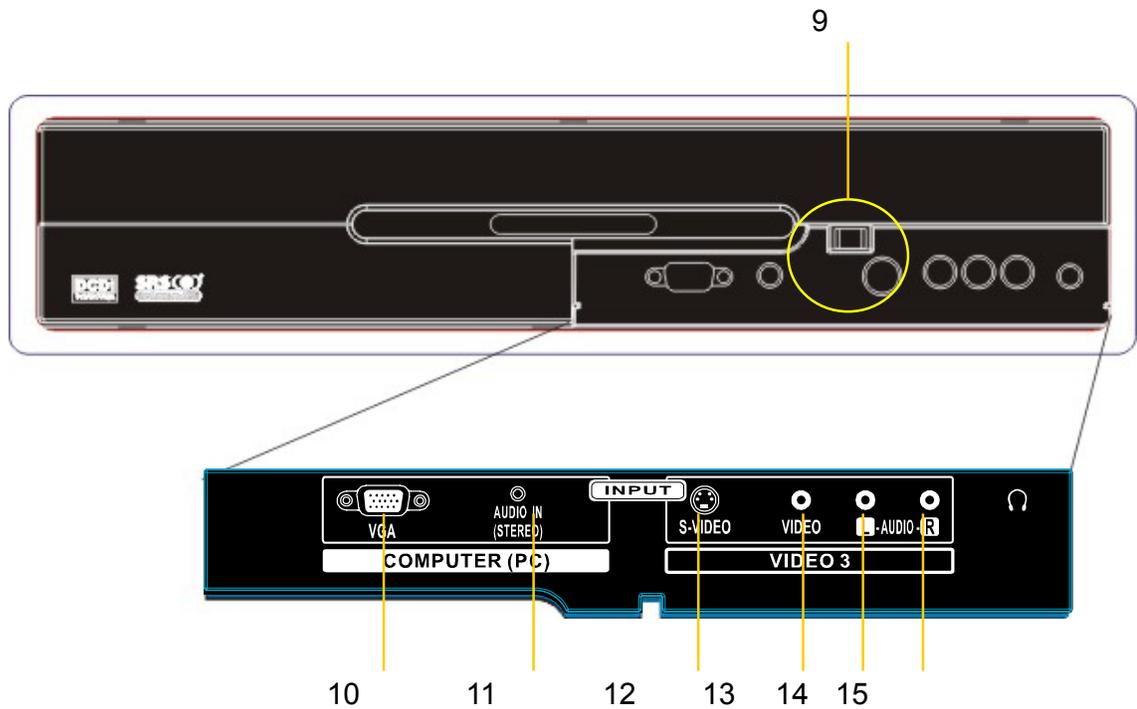
9. Push here to open the access panel door
10. COMPUTER (PC) INPUT terminal (ANALOG RGB)
11. COMPUTER (PC) INPUT terminal (AUDIO)
12. VIDEO 3 INPUT terminal (S-VIDEO)
13. VIDEO 3 INPUT terminal (VIDEO)
14. VIDEO 3 INPUT terminal (AUDIO L)
15. VIDEO 3 INPUT terminal (AUDIO R)

Back Panel Connections
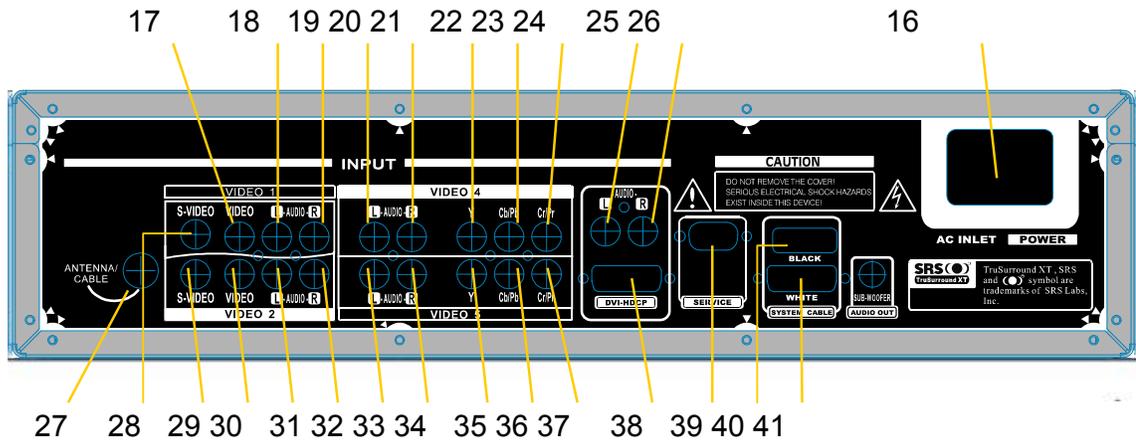
16	AC INLET
17 30	INPUT terminals (VIDEO)
18 20 25 31 32	INPUT terminals (AUDIO L)
19 21 26 32 34	INPUT terminals (AUDIO R)
22 35	INPUT COMPONENT VIDEO terminals (Y)
23 36	INPUT COMPONENT VIDEO terminals (Cb/Pb)
24 37	INPUT COMPONENT VIDEO terminals (Cr/Pr)
27	Antenna Cable
28 29	INPUT terminals (S-VIDEO)
38	DVI cable terminal
39	SERVICE terminal
40	SYSTEM CABLE terminal (WHITE)
41	SYSTEM CABLE terminal (BLACK)

LED Indicators

Plasma Display
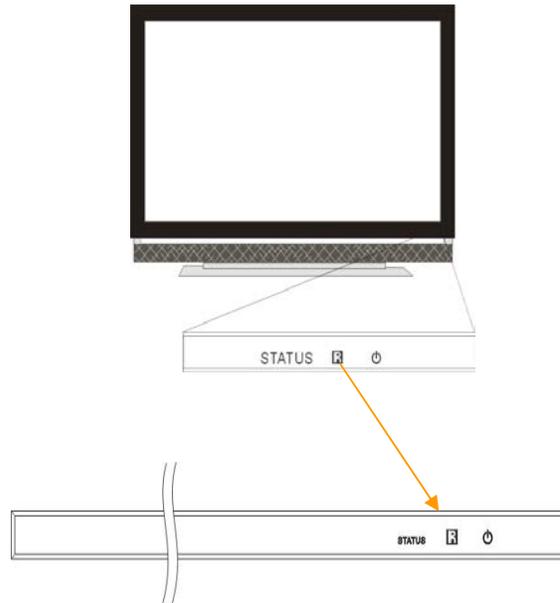
LED indicator		Condition	Description
STATUS	⏻		
Off	Off	AC power off	The AC power is off
Off	Flash	Standby to on	Only lights when power switches from standby to on.
Off	Red	Standby	The power LED lights up in red to indicate standby mode
Off	Blue	On	The indicator on the Plasma Display lights up blue to indicate power-on.
Red	Blue	Sleep	Sleep mode is going to go off.
Flash	Blue	DVI connector error	The DVI connector on the system cable is disconnected to Plasma Display.
Flash	Flash	DFP connector error	The DFP connector on the System cable is disconnected to Plasma Display.

Set-Top Box
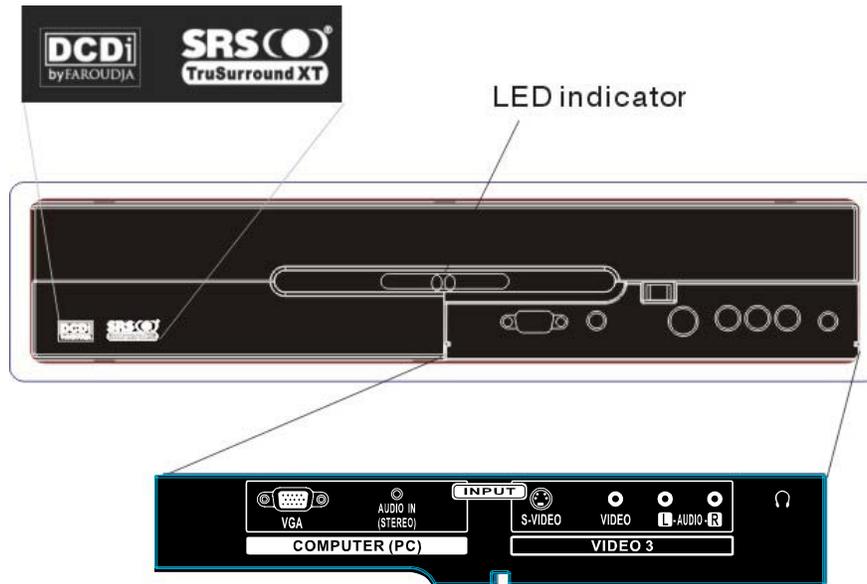
LED indicator	Condition	Description
Off	AC power off	The AC power of Set-Top Box is off
Flash	Standby to on	Only lights when power switches from standby to on.
Blue	On	The indicator on the Set-Top Box lights up blue to indicate power-on.
Red	Standby	The power LED lights up in red to indicate standby mode
Flash	Error	1. The DVI connector on the system cable is disconnected to Set-Top Box. 2. The DFP connector on the system cable is disconnected to Set-Top Box. 3. Both DVI and DFP connectors on the system cable are disconnected to Set-Top Box.

Remote Control

Button labels	Functions
SETUP	Universal Function Key
PWR	Turns on the power to the Plasma Display or places it into standby mode
TV/CBL/VCR/AUX	Device buttons
Digits 0 - 9	Access to main input #0~9 directly
MUTE	Mute main audio
ENTER/PIP SOURCE	Switch PIP source
VOL+/-	Increase/decrease main volume
LAST	Go to the last channel
INPUT	View the current input source and select video input sources
GUIDE/WIDE	Select aspect ratio
FAV/EXIT	Indicate favorite channel
SELECT	Select an OSD option when the OSD is active
Up/down/left/right arrows	Navigate up/down/left/right in the OSD
INFO	Indicate input formation in use
MENU	View the on-screen-display (OSD)
VIDEO 1 - 3	Select composite/S-video inputs
VIDEO 4 - 5	Access to component video inputs
DVI	Select DVI input
MODE	Select picture mode
- FAV CH +	Delete channel from/ Add channel to Favorite Channel List
PIP	Select PIP/PBP mode
FREEZE	Freeze the image
DTV	Used in digital TV
MTS	Select stereo: Auto, SAP and Mono
CC	Close caption toggling on/off
SLEEP	Sleep Timer
VGA	Select VGA input
TV	Select TV input
LED indicator	Lights red while a button is pressed
SWAP	Swap the main window and the PIP window

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Installing the Plasma Display

Locating

- Avoid direct sunlight. Maintain adequate ventilation.
- The length of the system cable used to connect the Plasma Display and the Set-Top Box is about 3 m (118 inches).
- Because the Plasma Display is heavy, be sure to have someone to help you when moving it.
- Do not place anything on the top of the Media Receiver; it will not receive enough ventilation and will not operate properly.

Note

Allow enough space around the upper and back parts when installing to ensure ventilation around the backside of the Plasma Display.

Preparation

Connecting the cable between the PDP and the Set-Top Box:

- White connectors connect to the WHITE terminal on the Set-Top Box and DVI terminal on the PDP.
- Black connectors connect to the BLACK terminal on the Set-Top Box and DFP terminal on the PDP.

Basic Operation

Turning on the power

Check that the AC switches on the back of the PDP and the Set-Top Box are turned to "I".

1. Press PWR on the Plasma Display and Set-Top Box. The power LED on PDP and Set-Top Box light up in red to indicate standby mode.

2. Confirm that the STANDBY indicators light up red, and then press TV on the remote control unit or STANDYBY/ON on the right side of Plasma Display to turn the system on. The POWER ON indicators on the Plasma Display and Set-Top Box light up blue.

Note

In this manual, "system" means the Plasma Display Panel and the Media Receiver (Set-Top Box).

Turning off the power

Press PWR button on the remote control or STANDBY/ON button on the right side of the PDP. The power LEDs on the PDP and the Set-Top Box turn red to indicate standby mode.

CAUTION

Before disconnecting any system cables, turn the PDP off (put into Standby Mode) and turn the AC switches to "0".

Note

If the PDP is not to be used for a long period of time, unplug the AC cord from the wall outlet.

Basic Operation

Using the Remote Control

Use the remote control unit by pointing it towards the remote sensor window. Objects between the remote control unit and sensor window may prevent proper operation.

Inserting batteries

Install batteries in the remote control unit before using:

1. Open the battery cover.
2. Insert the two AA size batteries supplied with the product. Place batteries with their terminals corresponding to the (+) and (-) indicators in the battery compartment.
3. Close the battery cover.

Cautions regarding the remote control unit:

- Do not expose the remote control unit to shock. In addition, do not expose the remote control unit to liquids, and do not place in an area with high humidity.
- Do not leave the remote control unit under direct sunlight. The heat may cause deformation of the unit.
- The remote control unit may not work properly if the remote sensor window of the Plasma Display is under direct sunlight or strong lighting. In such case, change the angle of the lighting or Plasma Display set, or operate the remote control unit closer to the remote sensor window.
- If the remote control unit fails to operate Plasma Display System functions, replace the batteries in the remote control unit.

Basic Adjustments for VIDEO Source

Use the menu to change the options.
1.   Press **MENU**.
2. Press ←/→ to select "VIDEO" source.
3. Press ↑/↓ to select the desired option, and then press **SELECT.**
4. Press **MENU** to exit the menu.

VIDEO
● **PICTURE MODE**
BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS

PICTURE MODE
Adjust picture to your preference for the chosen Video option.

1.   Press **MENU**.
2. Press ←/→ to select "VIDEO" source.
3. Press ↑/↓ to select "PICTURE MODE", and then press **SELECT.**

4. Press ↑/↓ to select the desired option, and then press **SELECT.**

5. Press **MENU** to exit.

Basic Adjustments for VIDEO Source (continued)

PICTURE MODE
● MOVIE
STANDARD
VIVID
SPORTS

For Picture mode

Item	Description
MOVIE	For a movie.
STANDARD	For a highly defined image in a bright room.
VIVID	For a clear, active image.
SPORTS	For a sports image.

VIDEO
PICUTURE MODE
● BRIGHTNESS
CONTRAST
SATURATION
HUE
SHARPNESS

1. Press **MENU**.

2. Press ←**/**→ to select "VIDEO" source.

3. Press ↑/↓ to select an item to be adjusted, and then press **SELECT.**

4. Press ←**/**→ to select the desired level, and then press **SELECT.**

When an adjustment screen is displayed, you can also change an item to be

adjusted, by press ↑**/**↓**.**

5   Press **MENU** to exit the menu.

Basic Adjustments for VIDEO Source (continued)

For Video source

Item	←button	→button
BRIGHTNESS	For less brightness	For more brightness
CONTRAST	For less contrast	For more contrast
SATURATION	For less saturation	For more saturation
HUE	For less color intensity	For more color intensity
SHARPNESS	For less sharpness	For more sharpness

Basic Adjustments for PC Source

PC
● AUTO
COLOR TEMP
CLOCK
PHASE
POSITION

AUTO

Auto image adjustment.

1. Press **MENU.**

2. Press ←/→ to select "PC" source.

3. Press ↑/↓ to select "AUTO", and then press **SELECT.**

4. Press ←/→ to select the desired parameter—"YES" or "NO", and then press **SELECT.**

5. Press **MENU** to exit the menu.

COLOR TEMPERATURE

Adjust the color temperature to give a better white balance.

1. Press **MENU.**

2. Press ←/→to select "PC" source.

3. Press ↑/↓ to select "COLOR TEMP", and then press **SELECT.**

4. Press ↑/↓ to select the desired option, and then press **SELECT.**

5. Press **MENU** to exit the menu.

Basic Adjustments for PC Source (continued)

Color Temp
● Warm
Normal
Cool

Item	Description
Warm	for warm tone
Normal	for natural tone
Cool	for cool tone

CLOCK

Clock adjustment

1. Press **MENU.**

2. Press ←/→ to select "PC" source, and then press **SELECT.**.

3. Press ↑/↓ to select "CLOCK", and then press **SELECT.**

4. Press ←/→ to select the desired level, and then press **SELECT.**

5. Press **MENU** to exit the menu.

PHASE

Phase adjustment.

1. Press **MENU.**

2. Press ←/→ to select "PC" source.

3. Press ↑/↓ to select "PHASE", and then press **SELECT.**

4. Press ←/→ to select the desired level, and then press **SELECT.**

5. Press **MENU** to exit the menu.

Basic Adjustments for PC Source (continued)

POSITION

Adjusts the vertical and horizontal positions of displayed images.

1. Press **MENU.**
2. Press ←/→ to select "PC" source.
3. Press ↑/↓ to select "POSITION", and then press **SELECT.**

4. Press ↑/↓ to select "X" or "Y", and then press **SELECT.**
5. Press ←/→ to select the desired level, and then press **SELECT.**
6. Press **MENU** to exit the menu.

Basic Adjustments for AUDIO Source

For AUDIO source

AUDIO
● BASS 　TREBLE 　BALANCE 　SRS TS XT

BASS

Adjusts the bass weaker or stronger.

1. Press **MENU.**

2. Press ←/→ to select "AUDIO" source.

3. Press ↑/↓ to select "BASS", and then press **SELECT.**

4. Press ←/→ to select the desired level, and then press **SELECT.**

5. Press **MENU** to exit the menu.

TREBLE

Adjusts the treble weaker or stronger.

1. Press **MENU.**

2. Press ←/→ to select "AUDIO" source.

3. Press ↑/↓ to select "TREBLE", and then press **SELECT.**

4. Press ←/→ to select the desired level, and then press **SELECT.**

5. Press **MENU** to exit the menu.

BALANCE

Adjusts audio output between left and right speakers.

1. Press **MENU.**

2. Press ←/→to select "AUDIO" source.

3. Press ↑/↓ to select "BALANCE", and then press **SELECT.**

4. Press ←/→ to select the desired level, and then press **SELECT.**

Basic Adjustments for AUDIO Source (continued)

SRS TS XT

Reproduces highly effective three-dimensional sound.

1. Press **MENU.**

2. Press ←/→ to select "AUDIO" source.

3. Press ↑/↓ to select "SRS TS XT", and then press **SELECT.**

4. Press ↑/↓ to select the desired parameter (OFF or ON):

Item	Description
OFF	Deactivates SRS TruSurround XT sound effect
ON	Activates SRS TruSurround XT sound effect

TruSurround XT, SRS and symbol are trademarks of SRS Labs, Inc.

TruSurround XT technology is incorporated under license from SRS Labs, Inc.

Basic Adjustments for PIP Source

PIP
● PIP POSITION 　PIP SIZE

PIP POSITION

Adjusts the PIP position.

1. Press **MENU.**
2. Press ←/→ to select "PIP" source.
3. Press ↑/↓ to select "PIP POSITION", and then press **ENTER.**
4. Press ←/→ to select "X" or "Y".
5. Press ↑/↓ to select the desired level.

PIP SIZE

Adjusts the PIP size.

1. Press **MENU.**
2. Press ←/→ to select "PIP" source, and then press **SELECT.**
3. Press ↑/↓ to select "PIP SIZE", and then press **SELECT.**
4. Press ←/→ to select the desired option (OFF/SMALL/MEDIUM/PBP)

PIP OPTIONS

I/O terminal placement on
the cabinet

X　　PIP OK
CC + PIP OK

		Rear	Front	Rear	Rear	Front	Rear	Rear	Rear
	Inputs		COMPUTER						
		DVI-HDCP	PC	VIDEO 1	VIDEO 2	VIDEO 3	VIDEO 4	VIDEO 5	TV
Rear	DVI-HDCP	--	X	X	X	X	X	X	X
Front	PC	X	--	X	X	X	NA	NA	X
Rear	VIDEO 1	X	X	--	NA	X	X	X	NA
Rear	VIDEO 2	X	X	NA	--	X	X	X	NA
Front	VIDEO 3	X	X	X	X	--	X	X	X
Rear	VIDEO 4	X	NA	X	X	X	--	NA	X
Rear	VIDEO 5	X	NA	X	X	X	NA	--	X
Rear	TV	X	X	NA	NA	X	X	X	--

Basic Adjustments for TV Source

TV
● SYSTEM   CHANNEL EDIT

SYSTEM

This section describes how to search and set up conventional TV channels that you can watch under the current conditions. Unless you set up conventional TV channels using SYSTEM, you may not be able to tune in those channels.

1. Press **MENU**.
2. Press ←/→ to select "TV" source.
3. Press ↑/↓ to select "SYSTEM", and then press .**SELECT.**

4. Press ↑/↓ to select the desired option, and then press **SELECT.**

For System source

Item	Description
Antenna	For Antenna
Stand-cable	For Standard Cable
HRC-cable	For HRC Cable
IRC-cable	For IRC Cable

Basic Adjustments for TV Source (continued)

CHANNEL EDIT

CHANNEL EDIT
● AUTO PROGRAM
ADD
DELETE

AUTO PROGRAM

Auto channel preset automatically searches and sets up conventional TV channels.

This section describes how to search and set up conventional TV channels that you can watch under the current conditions. Unless you set up conventional TV channels using AUTO PROGRAM, you may not be able to tune in those channels.

1. Press **MENU**.
2. Press ←/→ to select "TV" source.
3. Press ↑/↓ to select "CHANNEL EDIT", and then press **SELECT.**

4. Press ↑/↓ to select the "AUTO PROGRAM", and then press **SELECT.**

ADD

Setting for adding channels.

From among conventional TV channels searched and set up using AUTO PROGRAM, you can select channels to be added when CH+/- are operated.

5. Press **MENU**.
6. Press ←/→ to select "TV" source.
7. Press ↑/↓ to select "CHANNEL EDIT", and then press **SELECT.**

8. Press ↑/↓ to select the "ADD", and then press **SELECT.**

Basic Adjustments for TV Source (continued)

DELETE
Setting for skipping unwanted channels.

From among conventional TV channels searched and set up using AUTO PROGRAM, you can select channels to skipped when **CH+/-** are operated.

1. Press **MENU**.
2. Press ←/→ to select "TV "source.
3. Press ↑/↓ to select "CHANNEL EDIT", and then press **SELECT.**

4. Press ↑/↓ to select the "DELETE", and then press **SELECT.**

PARENTAL
Prevents your children from watching specified types of TV programs.
This tool gives parents a great degree of control over broadcasts accessed by their children. It allows parents to select programs judged suitable for child viewing while blocking ones judged not suitable.

This tool functions for both conventional and digital TV channels.
˙The U.S. has two rating systems for viewing content: TV Parental Guidelines and movie ratings.

˙The TV Parental guidelines work in conjunction with the V-CHIP to help parents screen out inappropriate television shows from their children.

˙Movie ratings are used for original movies rated by the Motion Picture Association of America (MPAA) as watched on cable TV and not edited for television. The V-CHIP can also be set to block MPAA-rated movies.

Basic Adjustments for Parental Menu

PARENTAL
● LOCK MENU
NEW PASSWORD
MPAA RATING
TV PG RATING

LOCK MENU

The parental menu will be locked by pressing "LOCK MENU"

1. Press **MENU**.
2. Press ←/→ to select "PARTENTAL" source.
3. Press ↑/↓ to select "LOCK MENU", and then press **SELECT,**
   the message "ENTER THE VCHIP PASSWORD:" will be displayed.
4. Enter the password on the remote (factory default: 0000)**,** then the menu will
   be locked.

NEW PASSWORD

To change the password.

1. Press **MENU**.
2. Press ←/→ to select "PARTENTAL" source.
3. Press ↑/↓ to select "NEW PASSWORD", and then press **SELECT,**
   the message "ENTER NEW VCHIP PASSWORD:" will be displayed.

4. Enter the number you want (4 digits)**.**

5. Press ↑/↓ to return to LOCK MENU option and then press **SELECT**, the
   parental menu will be locked with new password.

MPAA RATING

Voluntary movie rating system (MPAA)

Rating	Description
NA	None available
G	General audiences. All ages admitted.
PG	Parental guidance suggested. Some material may not be suitable for children.
PG-13	Parents strongly cautioned. Some material may be inappropriate for children under 13.
R	Restricted. Under 17 requires accompanying parent or adult guardian (age varies in some jurisdictions).
NC-17	No one 17 and under admitted.
X	A rating that has now been superseded by NC-17.

1. Press **MENU**.
2. Press ←/→ to select "PARENTAL" source.
3. Press ↑/↓ to select "MPAA RATING", and then press **SELECT.**

4. Press ↑/↓ to select the desired option, and then press **SELECT.**

Basic Adjustments for Parental Menu (continued)

TV RG RATING

TV PARENTAL GUIDELINES

Rating		Content				
		Violence	Sexual Content	Foul Language	Suggestive Dialog	F Violence
Age-Base	TV-Y (All children)					
	TV-Y7 (Directed to older children)					X
	TV-G (General audience)					
	TV-PG (Parental guidance suggested)	X	X	X	X	
	TV-14 (Parents strongly cautioned)	X	X	X	X	
	TV-MA (Mature audience only)	X	X	X		

X: Content rating can be set.

1. Press **MENU**.
2. Press ←/→ to select "PARENTAL" source.
3. Press ↑/↓ to select "TV RG RATING", and then press **SELECT.**

4. Press ↑/↓ to select the desired option, and then press **SELECT.**

Basic Adjustments for Settings Menu

For SETTING source

OSD LANGUAGE

You can select a language to be used for the on-screen display of menus from three languages; English, French and Spanish.

1. Press **MENU**.
2. Press ←/→ to select "SETTING" source".
3. Press ↑/↓ to select "OSD LANGUAGE", and then press **SELECT.**
4. Press ↑/↓ to select the desired language (English, French, Spanish)
5. Press **SELECT.**
6. Press **MENU** to exit the menu.

FIRMWARE VER

Displays the version of firmware.

1. Press **MENU**.
2. Press ←/→ to select "SETTING" source".
3. Press ↑/↓ to select "FIRWARE VER", and then press **SELECT.**

RESTORE DEFAULT

To restore the factory default settings.

1. Press **MENU**.
2. Press ←/→ to select "SETTING" source".
3. Press ↑/↓ to select "RESTORE DEFAULT", and then press **SELECT.**

4. Press ←/→ to select the desired option "YES" or "NO" and then press **SELECT.**

Basic Adjustments for Settings Menu (continued)

TRANSPARENCY

To adjust the transparency degree of OSD.

1. Press **MENU**.
2. Press ←/→ to select "SETTING" source".
3. Press ↑/↓ to select "TRANSPARENCY", and then press **SELECT.**

4. Press ←/→ to select the desired level and then press **SELECT.**

5. Press MENU to exit the menu.

CC CONTROL

CC means "Closed Caption". Your Plasma Display System is equipped with an internal closed caption decoder. Closed caption is a system which allows you to view conversations, narration, and sound effects in TV programs and home videos as subtitles on your Plasma Display screen.

˙Not all programs and videos offer closed caption.
   Please look for the "CC" symbol to ensure that captions will be shown.

1. Press **MENU**.
2. Press ←/→ to select "SETTING" source".
3. Press ↑/↓ to select "CC CONTROL", and then press **SELECT** to activate or deactivate CC CONTROL.

4. Press **MENU** to exit the menu.

Basic Adjustments for Settings Menu (continued)

MODE

Selecting the type of closed captions.

˙"CC-1" or "CC-2" or "CC-3" or "CC-4" displays subtitles of TV dramas and news programs while allowing a full view of the picture.

˙"TEXT-1" or "TEXT-2" or "TEXT-3" or "TEXT-4" superimposes on the picture other information(e.g. TV guide, weather) that is independent of the TV in progress.

1. Press **MENU**.
2. Press ←/→ to select "SETTING" source".
3. Press ↑/↓ to select "MODE", and then press **SELECT.**
4. Press ↑/↓ to select desired option
   (CC1/CC2/CC3/CC4/TEXT1/TEXT2/TEXT3/TEXT4).
5. Press **SELECT.**
6. Press **MENU** to exit the menu.

Basic Adjustments for Settings Menu (continued)

DISPLAY

To adjust the showing way of subtitles.

1. Press **MENU**.

2. Press ←/→ to select "SETTING" source.

3. Press ↑/↓ to select "DISPLAY", and then press **SELECT.**

4. Press ↑/↓ to select desired option (BOX or SHADOW).

5. Press **SELECT.**

6. Press **MENU** to exit the menu.

Specifications

PLA-4255BD

Item	42" Plasma Display Panel
Native Resolution	1024(H) x 768(V) pixels
Effective Display Size	933.89 mm (H) x 532.24 mm (V)
Aspect Ratio	16:9
Color	16.77million colors
Viewing Angle	> 160° (horizontal) / > 160° (vertical)
Brightness (w/glass filter)	1000 cd/m^2 (typical, panel spec) Min.350 cd/m, 400 cd/m (Typical)
Contrast Ratio	3000:1 (Typical, panel spec)
Dimensions	Height 820mm Width 1095mm Depth 91mm
Weight	Net 49.8kgs ±0.5kgs

Design and specifications are subject to change without notice.

Specifications

PLA-4255BDSTB

Item	Set-Top Box (Media Receiver)
Video System	NTSC
Input Signal Interface	
Front:	1 x Composite Video (1x RCA) + 1x S-Video (1x 4-Pin DIN) + 1x Stereo Audio (2x RCA, Left + Right) 1x Analog RGB (1x 15-Pin D-Sub) + 1x Stereo Audio (1x Stereo Mini Jack)
Rear:	1x RF Connector for internal NTSC Tuner 2 x [1x Composite Video (1x RCA) + 1x S-Video (1x 4-Pin DIN) + 1x Stereo Audio (2x RCA, Left + Right)] 2x [1x Component (3x RCA, YPbPr/YCbCr) + 1x Stereo Audio (2x RCA, Left + Right)] 1x Digital Video (1x DVI) + 1x Stereo Audio (2x RCA, Left + Right) HDCP support
Output Signal Interface	1x Subwoofer (w/o amp) 1x Headphone (mini-Jack stereo) 1x DVI (for PDP connection) 1 x DFP (for PDP connection)
Power Input	100 to 240 Vac
Power Consumption	30W (Max.)
Dimension	Height 107.4mm Width 420.7mm Depth 224mm
Weight	Net 3.5kgs±0.5kgs

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Troubleshooting

Problem	Possible Solution
˙No picture.	
Can not see video at VIDEO 1,2,3	• Select source again.
Cannot receive any channels.	• Make sure the power cord is connected securely.
	• Turn on the power of the PDP.
	• Check antenna/cable connections.
˙TV is locked to one channel.	• Perform Auto Program to add receivable channels that are not presently in the PDP's memory.
Cannot receive any channels when using cable TV.	• Run Auto Program to add receivable channels that are not presently in the PDP's memory.
Cannot receive or select channels.	• Run Auto Program to add receivable channels that are not presently in the PDP's memory.
Can not see any information on display (OSD and video) and the power LED is blue.	˙Turn off AC power of Box and PDP, and turn on again.
˙Poor picture	
Double images or ghosts.	• Check antenna/cable connections.
	• Check the antenna location and direction.
˙Only snow and noise appear on the screen.	• Check if the antenna is broken or bent.
	• Check if the antenna has reached the end of its serviceable life.
˙No color.	• Press MODE to select the desired Picture Mode.
˙Color is not correct. Dark picture	• Adjust the Picture Mode options in the Video menu.

Troubleshooting (continued)

Problem	Possible Solution
˙No sound./ Noisy sound.	• Check the volume control.
˙Good picture, no sound.	• Press MUTE or VOL +/-.
	• Disconnect your headphones.
Audio noise.	• Make sure that the antenna is connected using the supplied 75-ohm coaxial cable.
	• Keep the antenna cable away from other connecting cords.
	• Press MTS to select "Mono".
Remote control does not operate.	• The batteries could be weak. Replace the batteries.
	• Check the polarity of the batteries.
	• Press the TV button.
	• Point the remote control at the remote control sensor of the PDP.
	• Install the PDP away from fluorescent lights.

For service, support and warranty information, visit www.polaroidelectronics.com or in the US call 1-866-289-5168, in Canada call 1-866-301-7922 and in Mexico call 01-800-400-2443.

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