

ATTACHMENT E-3.

- USER'S MANUAL -

Function Setup




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How to Select the Aspect Ratio

Users can adjust Aspect Ratio as users want.



- 


Press Menu button.
Menu items appear on the screen.



- 


Press Up and Down buttons to move to "FUNCTION" icon.
- 

Press Left and Right button to select "FUNCTION".


- 

Press Up and Down buttons to move to "ASPECT RATIO".
- 

Press Left and Right button to select "ASPECT RATIO".
- 

Press Left and Right button, then the menu change in order below.
⇒ WIDE ⇒ NORMAL ⇒ PANORAMA ⇒ ZOOM1 ⇒ ZOOM2 ⇒
- 

Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.
If the **EXIT** button is pressed, the menu **disappears**.

WIDE : General broadcast picture is adjusted to 16:9.

NORMAL : General picture size.

PANORAMA : Picture size for panorama video.

ZOOM1 : Zoom in 16:9 in vertical direction.

ZOOM2 : It moves the Zoom1 picture a little upward so that the sub title may be seen.

ASPECT
How To Directly Select Aspect Ratio : Press  button.

- Under DTV, DVD inputs : Users can select Wide ⇒ Zoom1 ⇒ Zoom2 in order.
- Under PC, DVI inputs : Users can select Wide ⇒ Normal in order.
- Under other inputs : Users can select Wide ⇒ Normal ⇒ Panorama ⇒ Zoom1 ⇒ Zoom2 in order.

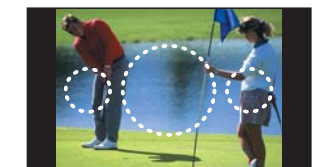
WIDE

General broadcast picture is adjusted to 16:9.



NORMAL

General picture size.



PANORAMA

Picture size for panorama video.



ZOOM1

Zoom in 16:9 in vertical direction.



ZOOM2

It moves the Zoom1 picture a little upward so that the bottom portion may be seen.



FUNCTION SETUP

FUNCTION SETUP



Displaying Information

You can view the channel information and setting status by pressing the "INFO" button on the remote control.

INFO
In case of applying TV input
Press **INFO** button.

INFO
In case of applying VIDEO input
Press **INFO** button.

INFO
In case of applying PC input
Press **INFO** button.

EXIT
If the **EXIT** button is pressed, the menu **disappears**.

The screenshots show the following information:

- TV Input:** P - 01, 12 : 30 AM, PICTURE MODE : STANDARD, SOUND MODE : USER, S .MODE MODE : MONO
- VIDEO Input:** VIDEO - PAL, 12 : 30 AM, PICTURE MODE : STANDARD, SOUND MODE : USER
- PC Input:** PC - 1024x768 70Hz, 12 : 30 AM

How to Set Key-Lock

This is to lock the control buttons on the front bottom of PDP.

- MENU**
Press **Menu** button.
Menu items appear on the screen.
- UP/DOWN**
Press **Up and Down** buttons to move to "FUNCTION" icon.
- LEFT/RIGHT**
Press **Left and Right** button to select "FUNCTION".
- UP/DOWN**
Press **Up and Down** buttons to move to "KEY LOCK".
- LEFT/RIGHT**
Press **Left and Right** button to **ON/OFF**.
- EXIT**
Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.
If the **EXIT** button is pressed, the menu **disappears**.

The screenshots show the following menu items:

- ASPECT RATIO: WIDE
- KEY LOCK: OFF
- PIXEL SHIFT: OFF
- BURN-IN PROTECT: OFF
- DPMS: OFF
- LANGUAGE: ENGLISH
- IMAGE ADJUST

TIP When the AC power supply is cut off, key-lock function is automatically off.



Using the Pixel Shift / Wiper Function

MENU
Press Menu button.
Menu items appear on the screen.



1 Press Up and Down buttons to move to "FUNCTION" icon.

2 Press Left and Right button to select "FUNCTION".

3 Press Up and Down buttons to move to "PIXEL SHIFT" or "WIPER".

4 Press Left and Right button to "ON/OFF" or "RUN".

EXIT
Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.
If the **EXIT** button is pressed, the menu **disappears**.

Still Function

The user can temporarily stop the playing picture.

STILL

Press Still button.
Playing picture is stopped.
- Under multi-screen mode(PIP, TWIN), the main picture stops.

To deselect Still function.
Press Still button once more.

TIP When Still Function continues for more than 5 minutes, picture becomes darker.
If you press Still button once more at this time, picture returns to the normal brightness.

FUNCTION SETUP

FUNCTION SETUP

How To Directly Select Aspect Ratio : Press button.



How to set DPMS

MENU
Press Menu button.
Menu items appear on the screen.

1 Press Up and Down buttons to move to "FUNCTION" icon.

2 Press Left and Right button to select "FUNCTION".

3 Press Up and Down buttons to move to "DPMS".

4 Press Left and Right button to "ON/OFF".

EXIT
Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.
If the **EXIT** button is pressed, the menu **disappears**.




Choosing the Languages

When you start using your TV for the first time, You must select the language which for displaying menus and indications.

MENU
Press Menu button.
Menu items appear on the screen.



1 Press Up and Down buttons to move to "FUNCTION" icon.

2 Press Left and Right button to select "FUNCTION".

3 Press Up and Down buttons to move to "LANGUGE".


4 Press Left and Right button, then the menu change in order below.
⇒ English ⇒ French ⇒ German ⇒ Spanish ⇒ Italian ⇒




EXIT
Press **MENU** button after the setting is done, and Menu goes to the **previous menu**.
If the **EXIT** button is pressed, the menu **disappears**.













How to Image Adjust(Under PC Mode)


- 1**  **Press Menu button.**
Menu items appear on the screen.


- 2**  **Press Up and Down buttons to move to "FUNCTION" icon.**
- 3**  **Press Left and Right button to select "FUNCTION".**


- 4**  **Press Up and Down buttons to move to "IMAGE ADJUST".**
- 5**  **Press Left and Right button to select "IMAGE ADJUST".**
Image adjust menu appears.


- 6**  **Press Up and Down buttons to choose item.**
-  **Press Left and Right button to adjust.**
-  **Press MENU button after the setting is done, and Menu goes to the previous menu.**
If the EXIT button is pressed, the menu disappears.

HORIZONTAL POSITION to adjust the horizontal position of the picture.
VERTICAL POSITION to adjust the vertical position of the picture.
FREQUENCY to adjust to reduce the noise on the picture.
PHASE to adjust to eliminate the shake of picture.
AUTO ADJUST : Horizontal/vertical positions are automatically adjusted.

How To Directly Select Auto Track : Press  button.

Automatically adjust Horizontal/Vertical position of picture.

TIP

- This function is provided in only PC mode.
- When executing PC AUTO, optimum picture can be obtained if the setting is made under the full pattern.

Clock Setup



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How to Set Clock

You can set the current time so that this is displayed by pressing the "INFO" button. You must also set the time if you wish to use the automatic on or off timers.

Ex) To set to 6:30 PM,

1 Press Menu button. Menu items appear on the screen.

2 Press Up and Down buttons to move to "TIME" icon.

3 Press Up and Down buttons to move to "CLOCK".

4 Press Left and Right button to select "CLOCK". Press one more time. It moves to "HOUR" unit.





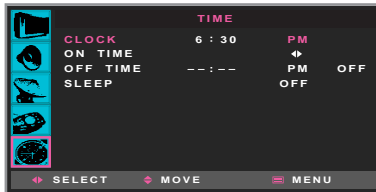
5 Press Up and Down buttons to set to "6".

6 Press Left and Right button to move to "MINUTE" unit.

7 Press Up and Down buttons to set to "30".

8 Press Left and Right button to move to "AM/PM".

9 Press Up and Down buttons to set to "PM".



When the power supply(AC main power) is cut off, the clock is reset to the value before the Time set.

Press the Right button and then go to step 10 if you need to set on time.

How to Set On Time

10 Press Up and Down buttons to move to "ON TIME".

11 Press Left and Right button to select "ON TIME". On Time menu appears.

12 Press Left and Right button to select "TIME". and It moves to "HOUR" unit.



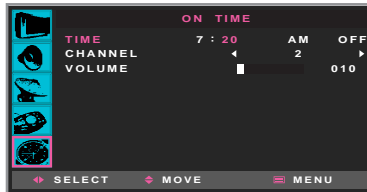
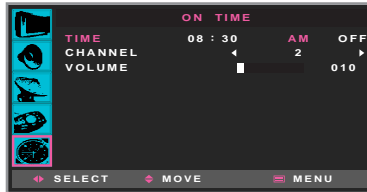

13 Press Up and Down buttons to set to "7".

14 Press Left and Right button to move to "MINUTE" unit.

15 Press Up and Down buttons to set to "20".

16 Press Left and Right button to move to "AM/PM".

17 Press Up and Down buttons to set to "AM".

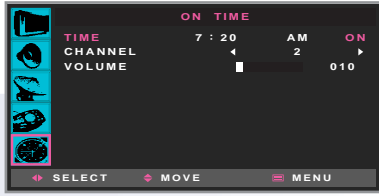






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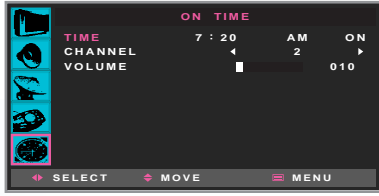


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18 Press Left and Right button to move to "ON/OFF".

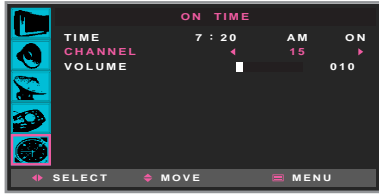


19 Press Up and Down buttons to set to "ON".

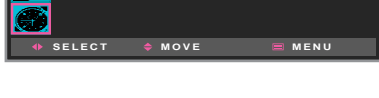


Press the Right button and then go to step 10 if you need to set on channel/volume.

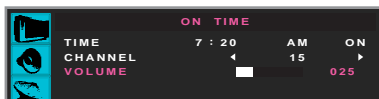
20 Press Up and Down buttons to move to "CHANNEL".



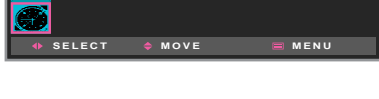
21 Press Left and Right button to set to "CHANNEL".



22 Press Up and Down buttons to move to "VOLUME".



23 Press Left and Right button to adjust.




Press MENU button after the setting is done, and Menu goes to the previous menu. If the EXIT button is pressed, the menu disappears.

How to Set Off Time


This is to turn off at the time the user set.

Ex) To set to 11:30 PM,


Press Menu button. Menu items appear on the screen.



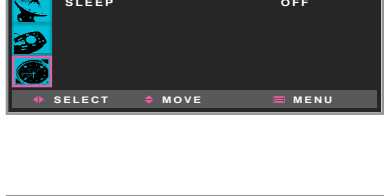
1 Press Up and Down buttons to move to "TIME" icon.



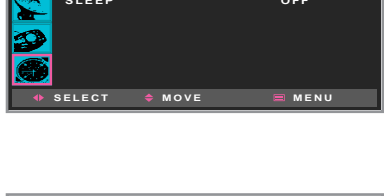
2 Press Left and Right button to select "TIME".



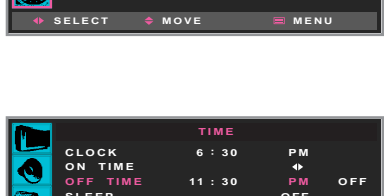
3 Press Up and Down buttons to move to "OFF TIME".



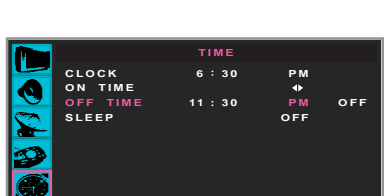
4 Press Left and Right button to select "OFF TIME". and It moves to "HOUR" unit.



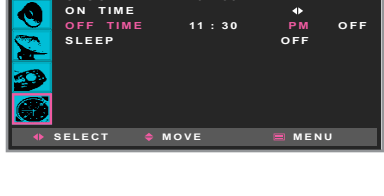
5 Press Up and Down buttons to set to "11".



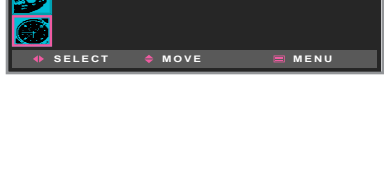
6 Press Left and Right button to move to "MINUTE" unit.




7 Press Up and Down buttons to set to "30".



8 Press Left and Right button to move to "AM/PM".






9 Press Up and Down buttons to set to "PM".



It is continued in the next page.









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- 10  Press Left and Right button to move to "ON/OFF".
- 11  Press Up and Down buttons to set to "ON".
-  Press MENU button after the setting is done, and Menu goes to the previous menu. If the EXIT button is pressed, the menu disappears.



How to Set Sleep Time

This is to automatically turn off at the preset time.

-  Press Menu button. Menu items appear on the screen.
- 1  Press Up and Down buttons to move to "TIME" icon.
- 2  Press Left and Right button to select "TIME".
- 3  Press Up and Down buttons to move to "SLEEP".
- 4  Press Left and Right button, then the menu changes in order below. (Unit : Minute)
⇒ OFF ⇒ 30 ⇒ 60 ⇒ 120 ⇒ 240 ⇒
-  Press MENU button after the setting is done, and Menu goes to the previous menu. If the EXIT button is pressed, the menu disappears.



How To Directly Start Sleep : Press  button.

Press sleep button, then the setting changes in order below. (Unit : Minute)
⇒ OFF ⇒ 30 ⇒ 60 ⇒ 120 ⇒ 240 ⇒

TIP One minute before the preset Sleep Time, "Power off in a minute" message shows.

Service



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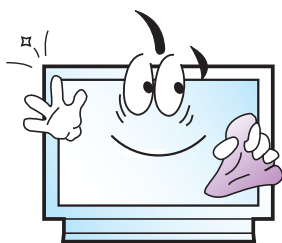


Cleaning and Caring

Managing Appearance

Wipe with soft dry clothes.

Do not use inflammables like Benzene or Thinner, or wet clothes.
Do not scratch the panel of PDP with a fingernail or pointed object.



Picture Management

Put glass cleaner on a clean cloth and mop on the picture.

Never use Acetone, Benzene, or thinner.

Cleaning Inside

When inside needs to be cleaned, consult a service center or distribution agent where the item is purchased.

Cleaning is more effective when it is done before humid monsoon season.

Troubleshooting



SYMPTOM

POSSIBLE SOLUTION

Neither picture nor sound comes up.	<ul style="list-style-type: none"> Check whether power is on. Check whether the power is cut or whether power cord is properly connected. Try to plug another product's power cord to the outlet the PDP is plugged into.
Picture is OK but sound does not come out.	<ul style="list-style-type: none"> Try to press volume up/volume down buttons of remote control.
Remote control does not operate.	<ul style="list-style-type: none"> Check whether there is a blocking object between the remote control and PDP. Check whether batteries are inserted with proper polarities(+, -). When the batteries are worn out, replace with new ones. (Page 8)
Picture turns on slowly after power is on.	<ul style="list-style-type: none"> This symptom is not a malfunction. This delay is not to show the noise on the picture while turn-on. However, if the picture does not turns on more than 5 minutes after power on, call a service center.
Colors do not show.	<ul style="list-style-type: none"> Select Color button and press Up button. (Page 20)
Vertical and horizontal lines and web patterns briefly appear on the picture and shake.	<ul style="list-style-type: none"> Since the symptom may be caused by strong jamming from high frequency electronic equipments or other TV electric waves, stop using cordless phone, hair dryer, or electric drill.
One speaker does not produce sound.	<ul style="list-style-type: none"> Select sound balance and make proper adjustment. (Page 22) Check the speaker connection cables.
Strange noises are heard.	<ul style="list-style-type: none"> Ticking noise during or after watching is a phenomena caused due to the ambient environment like humidity and temperature combined with the characteristics of plastic products. Noise heard when you turn ON/OFF is a phenomenon made when signal is abruptly provided or disconnected to and from the PDP panel. Neither symptom is a malfunction.



Product Specifications

Display (PDP TV)

MODEL	PT421H
Width(mm)	1030
Height(mm)	631(Excluding stand), 717(Including stand)
Depth(mm)	79
Weight(kg)	32(With Package), 26(Net Product)
Power	AC 110 - 240V 50/60Hz
Pixel	Horizontal 1024 x Vertical 768 DOT
Colors	16,770,000 colors(256 colors for each R, G, B)
Use Temperature	0°~40°C
Use Humidity	Below 80%

Speaker (Optional)

MODEL	
Dimensions(WxDxH)	120 x 79 x 631 mm
Weight	2kg x 2
Type	2 way 6 speaker system
Cabinet	Base Reflex Type
Impedance	8 Ω
Allowable Input	Rated 8W (RMS)
	Max. 10W(Music Peak Power)
Frequency response	120Hz ~ 20,000Hz (-10dB)
Output sound pressure	87dB/W/m