## **Customizing Picture**

## Customizing Picture

 You can adjust the color tone and brightness to your preference.



### Press the MENU Button.

• The MENU shown below will display on the screen.





#### Press the ▲/▼ Button.



 After selecting [Picture] by by pressing "▲CH▼" button, press the "◀VOL▶" button. Then the sub menu of [Picture] will be displayed.



### Select the Custom Mode.



• Select "User" by pressing the "◀VOL▶" button.





### 1

#### **Select User Mode Adjustments**



 While you are in [Picture Mode – User], press the "▲CH▼" buttons to select a specific adjustment item.



### 5

#### **Picture Condition Adjustments**



 Press the "◀VOL▶" buttons to adjust the picture at your preference.



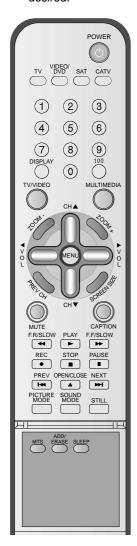


- 1) While you are in the PC or DVI INPUT mode, you can only adjust brightness, contrast, sharpness and color temperature.
- When you adjust Brightness, Contrast, Color and Tint in DTV mode or adjust Brightness and Contrast in PC or DVI mode, the picture is adjusted finely.
- 3) The adjusted values are memorized in each mode separately.
- The Tint control is used only when the input signal is NTSC If input signal is NTSC, Tint control is displayed in picture menu.
- Selecting the Color Temperature makes the mood normal, warm or cold.

### **Adjusting Screen Size**

## Adjusting Screen Size

 You can adjust screen size or aspect ratio as desired.

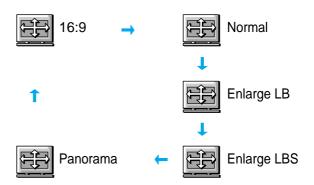


### Press the

#### Press the "SCREEN SIZE" Button.



- Each time you press the "SCREEN SIZE" button on the Remote Control, a different "SCREEN SIZE" appears. The sequence used is as follows:
- The current screen size will be displayed on the screen.





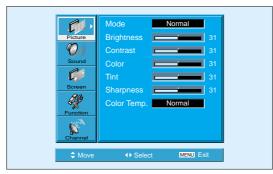
- 1) When the INPUT SIGNAL is DTV [in Component 1 or Component 2], only the aspect ratios of 16:9 and 4:3(Normal) are available.
  - Eg) If input signal is 16:9, PDP displays in 16:9 mode.
- 2) The digital broadcasting (720p, 1080i) is fixed at the aspect ratio of 16:9.
- 3) Displaying a picture in a normal mode (4:3) for a long time may cause phosphor of the PDP to be burned. So avoid displaying a picture in 4:3 screen size for a long time.
- 4) 16:9 : Theater-like 16:9 picture formats
  - Panorama : 16:9 picture formats with panorama effect Normal : Displays pictures of original picture size.
  - Enlarge LB : Enlarges the screen as to fill the black part of
    - up and down.
  - Enlarge LBS: Enlarges the screen, and shifts up as to see
    - the subtitles in case you are watching video
    - with subtitles.



#### Press the MENU Button.

• Press the [MENU] button on the Remote Control.





### Select [Screen].



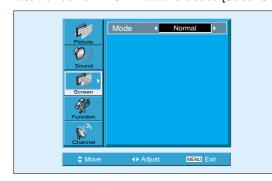
• Press the Channel "▲ CH ▼" button to select [Screen].



### Select the [Screen Size].



- Enter the sub menu by pressing "◀VOL▶" button.
- Press the Volume "◀VOL▶" buttons to select [Screen Size].



## Adjusting from MENU Screen

Available Screen Mode

Input	Available Mode	
PC,DVI	None	
Component	16:9, Normal	
(480p or above)		
Video	16:9,	
Component	Panorama,	
(480i)	Normal,	
	Enlarge LB,	
	Enlarge LBS	

## **Adjusting Screen Position and Size**

## Adjusting Screen Position and Size

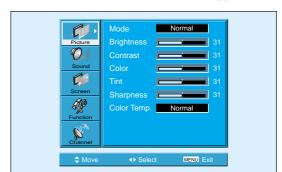
 You can adjust the screen position and size as desired.



#### Press the MENU Button.

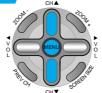


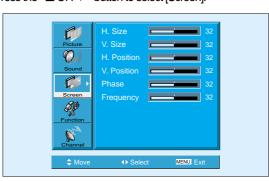
• The MENU screen as shown below will appear.



### Press the "▲CH▼" button.

Press the "▲ CH ▼" button to select [Screen].





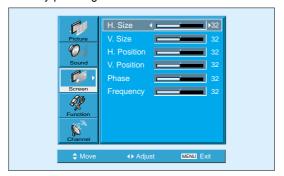


## 3

#### Press the Volume "**◄**VOL▶" button.



- Press the Volume "◀VOL▶" button to enter the sub menu of [Screen].
- While you are in [Screen] mode, press the "▲CH▼" button to select a desired item, and then, adjust the value by pressing the "◄VOL▶".





- Horizontal/Vertical size and position values can be adjusted only in the [PC] input mode and in the [DVI] input mode, only Horizontal/Vertical size are available.
- 2) H. Size: As the value increases, the screen width increases
- 3) V. Size: As the value increases, the screen height increases.
- 4) H. Position: As the value increases, the screen moves to the right.
- 5) V. Position: As the value increases, the screen mores up.
- 6) Phase: When there is jitter or blurring of the image, adjust this value.
- 7) Frequency: When there is jitter or blurring of the image, adjust this value.

## **Enlarging Screen Size**

## **Enlarging Screen Size**

 You can view enlarged size of the screen with this function

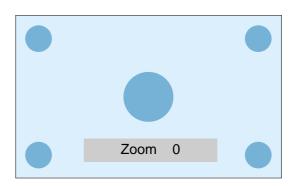


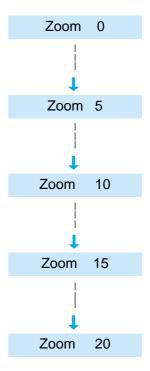
#### Press the "ZOOM+" Button.



- Press the "ZOOM+" button to show currently selected screen size.
- $\bullet$  Each time you press the "ZOOM+" button, the screen size will increase stepwise in 0 ~ 20 scale.
- To reduce the screen size, press the "ZOOM-" button.

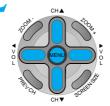




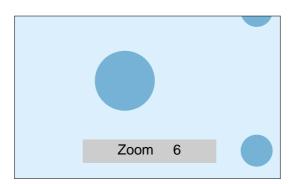




#### Move the Screen Position.



 While you are in the 'Zoom' mode, press the "▲ CH ▼" and "◄VOL►" buttons to move screen stepwise up/down and left/right, respectively.



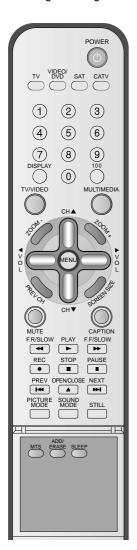


- 1) When the screen is enlarged, the pixel of the screen can become thick and dim.
- 2) When only subtitle of zoom level remains, you can scroll the image.
  - If subtitle of zoom level disappears, press zoom key, and scroll the image.
- 3) You can enlarge the screen in freeze mode.

### Watching a STILL Image

## Watching a Still Image

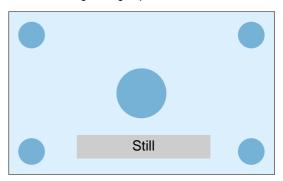
 You can view still images with this function. However, displaying the same images such as still images for a long time may cause image sticking.



#### Press the "STILL" Button.



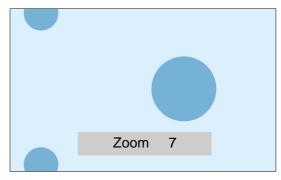
- If you wish to freeze a picture, press the "STILL" button. You can still hear the sound.
- Press "STILL" button to cancel the "STILL" function.
- To view the enlarged images, press the "ZOOM+" button.



#### Move the Screen Position.



 While you are in "Still" mode, press the "▲ CH ▼" and "◀VOL▶" button to move screen stepwise up/down and left/right.





- Displaying the same images such as still images for a long time may cause image sticking (after-image lagging).
- In this case, such "image sticking" may become less noticeable if moving images are later displayed for a long time.
- 3) However, an image sticking may become a permanent one, damaging the Plasma Display; therefore, avoid displaying the same images for a long time.
- 4) Use the function [ISM], while displaying still images for a long period of time to minimize this effect.

### **Adjusting Auto Sound Mode**

#### Select "SOUND MODE".

SOUND

- Press the "SOUND MODE" on the Remote Control.
- Current sound mode will be displayed.

### **Solution** Every Press of the Button Changes Modes.

SOUND

 Each time you press the button, a different sound mode appears.
 The sequence used is as follows:



\* Normal : Suitable for watching any motion picture

\* Movie : Select this mode to simulate being at a movie theater

\* Music : Ideal for listening to music

\* News : Allows human voice to be heard more clearly

\* User : Allows the user to adjust as desired.

### MENU will Disappear.

- After selecting a desired sound mode, onscreen menu will disappear in about 2~3 seconds.
- Normal, Movie, Music and News Modes are factory preset values.
   If you want to customize the sound modes at your preference, refer to the following page.

## Adjusting Auto Sound Mode

 Enjoy various sound modes by selecting your favorite Sound Mode depending on the kinds of moving pictures.





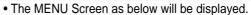
## **Customizing Sound Mode**

## **Customizing Sound Mode**

 This feature allows the user to adjust at his preference.



#### **7** Press the MENU Button.







#### Press the "▲CH▼" button.



• Select [Sound] by pressing the "▲CH▼" button, then press the "◀VOL▶" button to display the following.



#### Select SOUND BALANCE.



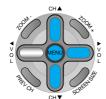
- Select Sound [Balance] by the "◀VOL▶" button, then adjust it.
- Sound Balance Function adjusts sound balance of left and right speaker.







#### Select the Effect Mode.



- Select [Effect] by pressing the "▲ CH ▼" buttons, then select ON/OFF by pressing the "◀VOL▶" button.
- [Effect]: Used to emphasize stereo effect.



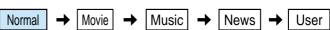
## 5

#### Select the Sound Mode.



 Select the Sound Mode by pressing the "▲ CH ▼" button, then adjust it by pressing the "◀VOL▶" button.





\* Normal : Suitable for watching any motion picture

\* Movie : Select this mode to simulate being at a movie

theater

\* Music : Suitable for listening to music

\* News : Allows human voice to be heard more clearly

\* User : Allows the user to adjust as desired.

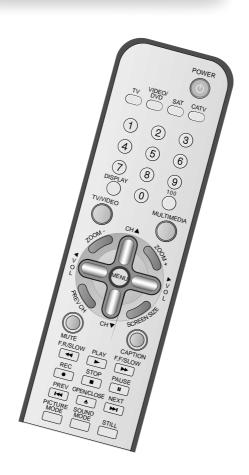


- 1) Custom Mode: Used as an Equalizer with which the user can adjust the sound frequency as desired.
- 2) If you modify the sound frequency in auto Sound Mode (News, Movie, Music, etc.), it is automatically switched to the User Mode.
- 3) Low frequency is emphasized as the frequency is lowered to 120 Hz, and high frequency as raised to 10 KHz.
- 4) If you make connection to the Left Audio Input as input is MONO you can hear from both speakers.
- 5) MTS function: This function allows you to select the language and stereo sound while broadcasting.
- 6) AVC function : Because the sound sources have different volume level, this function automatically adjusts volume to a suitable level

## **Selecting INPUT SIGNAL**

#### **INPUT SIGNAL**

 Used to select INPUT signal of external device connected to the PDP.



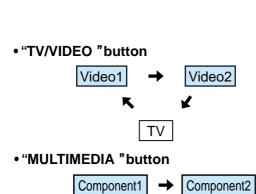
#### Press the INPUT SELECT Button.





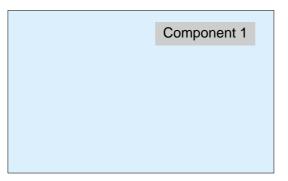


- Press the "TV/VIDEO" and "MULTIMEDIA" button on the Remote Control or the PDP Display to select desired
- Each time you press the "TV/VIDEO" and "MULTIMEDIA" button, a different screen mode appears. The sequence used is as follows:



1

DVI



1

PC



#### **NOTES:**

- 1) If an external device is not connected or INPUT signal is not applied, Warning Message ("No Signal") would be displayed.
- 2) In this case, check if external device is connected and/or terminal connection is properly done.
- 3) Also, you can select input using [INPUT SELECT] button in the keypad of the pdp set. The used sequence is as follows:

Video1 -> Video2 -> TV -> PC -> DVI -> Component1 -> Component2 -> Video1

### **Checking the Current Input Signal**

## Checking the Current Input Signal

 Used to check the INPUT signal mode, resolution, frequency(video only), etc. of the current screen.



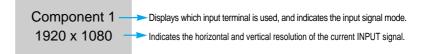
### Press the "DISPLAY" Button.

Press the "DISPLAY" button on the Remote Control.

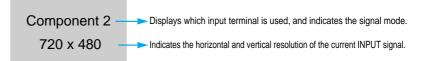


Component 1 1920 x 1080

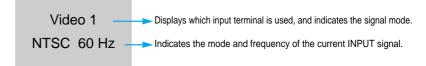
#### 1. If you watch Digital Broadcasts:



#### 2. If you watch DVD image:



#### 3. If you watch VCR image:



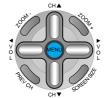


- 1) DAEWOO PLASMA can receive NTSC, PAL, SECAM, etc.
- 2) "1920 x 1080" displayed in the INPUT signal does not indicate the resolution of the monitor. The displayed resolution is sent by Digital Broadcasting Receiver.

### MENU Background, Language and Key pad Lock Setting

#### Press the MENU Button.

• The MENU screen will be displayed as below.





### Press the "▲CH▼" Button.

• Select [Features] by Pressing the "▲ CH ▼" button.





### Select the menu Background.



- Select the MENU [Background] by pressing the "◀VOL►" button.
- Every press of the "◀VOL►" button while you are in the[Background] would switch between Transparent and Opaque.

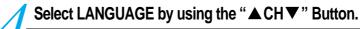


## Selecting Languages

 Used to select transparent of MENU background and language used in MENU.

### MENU Background, Language and Key pad Lock Setting







- Select LANGUAGE by using the "▲ CH ▼" button.
- Every press of the "◀VOL▶" button while you are in the [LANGUAGE] mode would cycle through the different languages.





#### **NOTES:**

 \* When Power is turned ON first time, 'SELECT LANGUAGE' Mode will be displayed, then, select a desired language by using "◀VOL▶" button. (Displayed only once)

### Keypad Lock Setting



• Select [Keypad Lock] by the "▲ CH ▼" buttons, then press the "◀VOL▶" button to set Keypad Lock ON.





#### **Keypad Lock**

- 1) When [Keypad Lock] is set to ON, You can prevent the use of the TV set without the remote control.
- If Keypad Lock is set to On, pdp can be turned on only using the remote controller.

## **Enhancer Demo and Auto Power Setting**

#### Press the MENU Button.

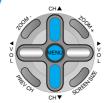
• The MENU screen will be displayed as below.





#### Select Features

• Select [Features] by the " ▲ CH ▼ " button.





### **Enhancer Demo Setting**



- Enter the sub menu by using the "◀VOL▶" button.
- Select the [Enhancer] by pressing the "▲ CH ▼" button.
- You can select [Enhancer] Demo and Normal mode by using the "◀VOL▶" button.



#### Enhancer Demo

- When [Enhancer] is set to Demo mode, Half of screen is [Enhancer] ON and the other half is [Enhancer] OFF.
- When [Enhancer] is set to Normal mode, entire Screen is [Enhancer] ON.

\* Enhancer Demo Mode



#### **Enhancer Demo and Auto Power Setting**

#### POWER/STANDBY Indicator

#### Front panel LED lights

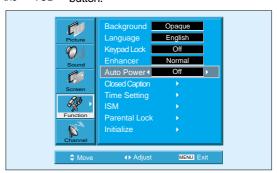
- When the AC power is on: Green.
- When the AC power is in the standby mode: Red.



### Auto Power Setting



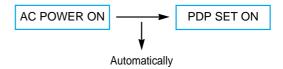
- Select the [Auto Power] by pressing the "▲ CH ▼" button
- You can select [Auto Power] ON and OFF mode by using the "◀VOL▶" button.



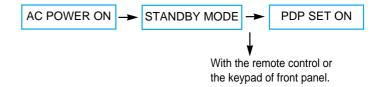


#### **Auto Power**

 ON: When the AC power is ON, the TV will turned on automatically without pressing the power button on the remote control.



2) OFF: When the AC power is ON, the TV will turned on by pressing the power button on the remote control or the keypad of front panel.

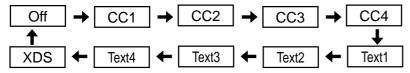


## **Closed Caption Setting**

#### **Auto Power Setting**

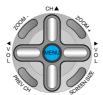


- Press the "CAPTION" button on the Remote Control.
- Whenever pressing the "CAPTION" button, caption mode is changed as follow.





### Closed Caption Setting in the Menu.



- Press the Menu Button.
- The MENU screen will be displayed as below.





#### **Closed Caption Setting**

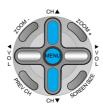
#### Caption Box Setting

- Black: Background of the caption box is black.
- Transparent: Background of the caption box is Transparent.



### Select Features

• Select [Features] by pressing the " ▲ CH  $\blacktriangledown$  " button.





### **Select Closed Caption**



- Enter the sub menu by using the "◀VOL▶" button.
- Select the [Closed Caption] by pressing the "▲ CH ▼" button.
- •You can select [Closed Caption] by using the "◀VOL▶" button.



Caption Mode (Off -> CC1 -> CC2 -> CC3 -> CC4 -> Text1 -> Text2 -> Text3 -> Text4 -> XDS -> Off) and Caption Box (Back and Transparent) can be set.



## **Time Setting**

#### Press the MENU Button.

• The MENU screen will be displayed as below.





### Select Features



• Select [Features] by the "▲/▼" button.



### **Select Time Setting**



- Enter the sub menu by using the "◀VOL▶" button.
- Select the [Time setting] by pressing the "▲/▼" button.
- You can select [Time setting] by using the "◀VOL▶" button.







#### **Time Setting**

#### **Time Setting**

• The "Current time" must be set up ahead of setting up other time memories.



#### Off-Time and Wake Time setting



 Select Functions by pressing the "▲CH▼" button. First, set [Clock]- current time, and then You can setup off-time and wake time.





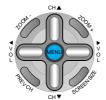
#### **Time Setting Functions**

1) This time memory function automatically turns the TV set "On" of "Off"at a desired time. Once set up, this function works every day unless the set time is canceled or the TV set is unplugged. Therefore, this function could be used for a "Get up" alarm (Morning Call) by setting up the time for "On" in the morning.

### Image Sticking Minimization(ISM)

#### Press the MENU Button.

• The MENU screen will be displayed as below.





### Press the "▲CH▼" Button.

• Select [Features] by the "▲CH▼" button.





#### Select ISM.



- Enter the sub menu by using the "◀VOL▶" button.
- Select the [ISM] by pressing the "▲ CH ▼ " button.
- Press of the "◀VOL▶" button while you are in the ISM.



#### ISM

- Image sticking minimization.
- Displaying a still image like PC input for a long time causes part image sticking in the panel
- The ISM function minimize this effect.



### **Image Sticking Minimization(ISM)**





#### **Select Functions.**



 Every press of the "◀VOL►" button after select function by the "▲ CH ▼ " button would switch between ON/OFF.





- Pixel Shift: The whole screen shifts up/down, left/right at 10sec interval to minimize image sticking.
- Low Bright: When displaying a stand picture or a fixed pattern for a long time, brightness level decreases to minimize image sticking.
   Return to the original brightness level if picture change or mode off.

## **Parental Lock Setting**

#### Press the MENU Button.

• The MENU screen will be displayed as below.





#### Select Features

Select [Features] by pressing the "▲ CH ▼" button.





#### **Select the Parental Lock**



- Enter the sub menu by using the "◀VOL▶" button.
- Select the [Parental Lock] by pressing the "▲CH▼" button
- •You can select [Parental Lock] by using the "◀VOL▶" button.



#### **Parental Lock**

 When "Parental Lock" is on, the locked channels are not available on the screen.



#### **Parental Lock Setting**





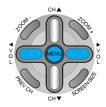
### Press "Password".



• Press Password by using number 0~9.

Caution) If using your password, remember it. It is needed for continuous use of this function hereafter.





On – Off of the Parental Control is repeated whenever pressing the "VOL button.

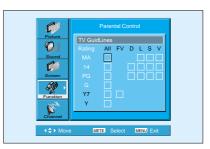


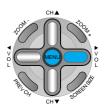




- A guideline of TV is setup in all the TV programs including sports, news.
- sports, news.

  The " CH " button selects items and the " VOL " button sets up or cancels each item.





 Rating of movie is setup even in movie, videotape and other media objects including TV program.





• The " CH " button selects items and the " VOL " button sets up or cancels each item.





- Interrupts program without rating.
- Interrupts program of the input terminal for the outside video (video 1, 2,)
  Sets up the Unblock or the
- Sets up the Unblock or the Block with the " VOL " button.





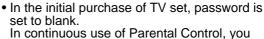
#### **Parental Lock Setting**





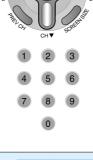
#### "Change Password".





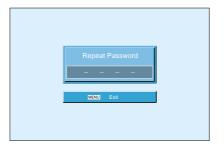
need to change your password.

• If pressing the "VOL" button after selecting password, the second screen of below drawing appears. Here, newly enter your unique password by using number of 0 through 9. Enter your password in the same manner once again.









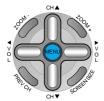
#### Exit from the "Parental Control" menu.

- The main menu appears if pressing the menu button once.
- The OSD of the menu disappears if pressing the menu button until it disappears.

## **Initialize Setting**

#### Press the MENU Button.

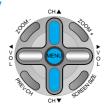
• The MENU screen will be displayed as below.





### Select Features

• Select [Features] by the "▲CH▼" button.





## Back to Initialization

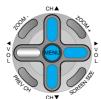
 You can restore the values of the adjustment setting made in the MENU to factory settings.



#### **Initialize Setting**

## 3

#### **INITIALIZATION**



- Enter the sub menu by using the " VOL " button.
- Select the [Initialize] by pressing the "▲CH▼" button, then press the "VOL" button.
- A confirmation message will be displayed.
- To perform initialization, press the "VOL " button after selecting [YES] by pressing the "▲ CH ▼ " button.
- To return to MENU, press "MENU" button.





#### When [INITIALIZATION] is completed:

- 1) When [INITIALIZATION] is completed, those values that have been set in the User Mode of [SCREEN MODE] and [SOUND MODE] will be returned to the factory preset values.
- 2) Once initialized, you can not undo.
- 3) The items in the [SCREEN] Menu in PC or DVI INPUT are also initialized (i.e., H. Size, V. Size, H. Position, V. Position, Phase, Frequency, etc.)
- 4) Language, volume, OSD background, input mode are not initialized.

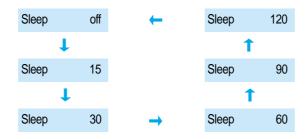
### **Setting Sleep Timer**

#### Press the "SLEEP" Button.



- Press the "SLEEP" button on the Remote Control.
- Pressing the "SLEEP" button first time will display the current setting for SLEEP TIMER.
- To cancel the SLEEP TIMER, press the "SLEEP" button to select 'OFF'.







#### **NOTES:**

- On-screen information disappears if you do not take any action for about two seconds after pressing the SLEEP button.
- 2) If you turn the PDP off after setting SLEEP, the setting is erased.

#### Setting Sleep Timer

 SLEEP TIMER turns the PDP off after a preset time.



### **Before Requesting Service**

Before requesting for service, check the following points once again.



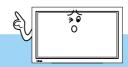
• Remote control does not function properly.

- Check for any obstacle between the Remote Control and the Display.
- Check for dead batteries and incorrect battery orientation.
- Check if the Remote Control is the right one.
- Remove any obstacle between the Remote Control and the Display.
- · Replace batteries and use the correct polarity (+) or (-) of the batteries.
- Use the correct Remote Control proper to the model.

- The Display makes a snapping sound.
- Check if the pictures and sound are normal.
- This sound is produced due to variations in room temperature.
- · This sound does not indicate that the Display has a problem if the pictures and sound can be viewed and heard properly.

- There are empty spots at the top and the bottom area of the screen.
- Check if the screen size of an image is wider than 16:9 aspect ratio (theater screen size).
- When video screen is wider than 16:9 aspect ratio, you may see dark areas at the top and the bottom of the screen.







# Requesting for Service







• There are spots on the screen or screen rolls.

· Check if your product is affected by any interference from automobiles, high-voltage transmission lines, neon signs or other potential sources.

- Screen size is suddenly changed.
- The screen size of a video image may not be matched to the size of the dark initial screen.
- Check by using other video tape.

In the event that the product has been submerged in the water

in rainy season:
Immediately wash it with clean water, and dry it in a shadow place, then call for service from the nearest Daewoo Service Center.
Never plug the Power Cord since there is risk of electric shock and damage of the product.

#### **DISPLAY UNIT**

Diagonal Size	106cm (42")	
Screen Aspect Ratio	16:9	
Display Resolution	853(H) ×480(V) dots	
Pixel Pitch	1.08(H) ×1.08(V) mm	
Video Signal	NTSC, PAL, SECAM, PAL-M/N, NTSC4.43	
Dimension	1044(W) ×631(H) ×89(D)mm	
	41.10(W) ×24.84(H) ×3.50(D)inch	
Weight	30 kg (66.14Lbs)	
Power Requirement	AC 100-240V~, 50/60Hz	

<sup>\*</sup> Appearance and specifications of this product are subject to change for improving the product without prior notice.

#### INPUT/OUTPUT TERMINAL

INPUT/OUTPUT	ITEMS	VIDEO	AUDIO
_	COMPONENT INPUT	DTV/DVD ONLY	(LEFT/RIGHT)
		(Y, Pb/Cb, Pr/Cr), 2 sets	2 sets
	VIDEO INPUT	two RCA jacks	(LEFT/RIGHT)
EXTERNAL	S-VIDEO INPUT	two 4 pin Mini DIN jack	2 sets
	Computer(PC)	one 15 pin D-sub jack	(LEFT/RIGHT)
		one DVI-D(Digital only) jack	2 set each
	RF INPUT		
EXTERNAL		VIDEO OUTPUT	one RCA jack
OUTPUT			(LEFT/RIGHT) 1 set
AUDIO OUTPUT	SPEAKER OUTPUT(sold separately)	20W (two 10W)	