



LCD TELEVISION INSTRUCTION MANUAL

DLP-2612
DLP-3212

PAL B/G , D/K, I/I,
SECAM B/G , D/K, L/L', NTSC(AV)

TELETEXT
SCART/VIDEO/S-VIDEO/COMPONENT/PC/DVI-D
MULTI-LANGUAGE OSD

Help line Number: 0870 100 2525

Caution



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



The lightning flash 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 electric shock.



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

WARNING: To reduce the risk of fire or electric shock hazard, do not expose this appliance to rain or moisture.

DISPOSAL OF USED ELECTRICAL & ELECTRONIC EQUIPMENT

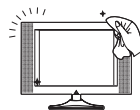


The meaning of the symbol on the product, its accessory or packaging indicates that this product shall not be treated as household waste. Please, dispose of this equipment at your applicable collection point for the recycling of electrical & electronic equipments waste. In the European Union and Other European countries which there are separate collection systems for used electrical and electronic product. By ensuring the correct disposal of this product, you will help prevent potentially hazardous to the environment and to human health, which could otherwise be caused by unsuitable waste handling of this product. The recycling of materials will help conserve natural resources. Please do not therefore dispose of your old electrical and electronic equipment with your household waste. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Safety Precautions

1. CLEANING

Unplug this TV equipment from the AC power outlet before cleaning. Do not use liquid cleaner or aerosol cleaners. Use a soft and damp cloth for cleaning.



2. ATTACHMENTS

Do not use attachments not recommended by the TV equipment manufacturer as they may result in the risk of fire, electric shock or other injury.



3. WATER AND MOISTURE

Do not place this TV equipment near water, for example, near bathtub, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, or the like.

4. HEAT

Keep the TV equipment away from the heat sources such as radiator, heater, stoves and other heat-generating products.



5. SETTING

Do not place this TV on unstable cart, stand, or table. Placing the TV on an unstable base can cause the TV to fall, resulting in serious personal injuries as well as damage to the TV. Use only a cart, stand, bracket or table recommended by the manufacturer or salesperson.



6. WALL OR CEILING MOUNTING

When mounting the product on a wall or ceiling, be sure to install the product using the designated mounting tool according to the method recommended by the manufacturer.



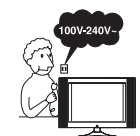
7. POWER

This TV equipment should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your TV dealer or local power company.



8. PIXEL

The LCD panel is a very high technology product with 1,049,088 (26" 32") thin film transistors which give you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red please note that this does not affect the performance of your product. A fixed image should not be displayed during hours, otherwise trace of this image may appear on the screen.

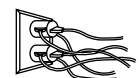


9. SET MOVING

When moving the product, place your fingers of one hand in the socket on the back of the CTV and support the front of the TV with the other hand.

10. OVERLOADING

Do not overload AC outlets or extension cords. Overloading can result in fire or electric shock.



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Important Safeguards

Location

Heat, Moisture, Dust, Vibration

Position your set so that bright light or sunlight doesn't fall directly onto the screen. Care should be taken not to expose the set to any unnecessary vibration, moisture, dust or heat.

Do not expose the set to dripping or splashing.

Ventilation

Also ensure that the set is placed in a position to allow a free flow of air.

Do not cover the ventilation openings on the back cover.

Leave at least 10 cm around each side of the TV set.

Mounting

This set can be positioned by using the table top stand or wall mounting bracket.

When you install the set using the wall mounting bracket, fix it carefully so it is secure.

Object Entry

Do not insert foreign objects, such as needles and coins, into the ventilation openings.

Main Connection

TV set shall be connected to mains socket outlet with a protection earthing connection.

Main plug shall remain readily operable.

Lightning striking

You should disconnect your set from the mains and the aerial system during thunderstorms.

Cleaning

Unplug the set from the mains before cleaning.

Dust the set by wiping the LCD screen and the cabinet with a soft, clean cloth.

If the screen requires additional cleaning, use a clean, damp cloth.

Do not use liquid cleaners or aerosol cleaners.

Do not rub or strike the LCD with anything hard as this may scratch, or damage the LCD permanently.

Service

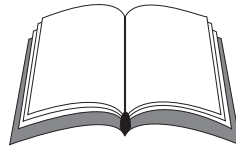
Never remove the back cover of the set as this can expose you to high voltage and other hazards.

If the set does not operate properly, unplug it and call your dealer.

Supplied Accessories

Make sure that the following accessories are provided with the product.

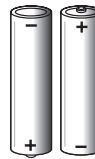
AC cord



Instruction manual



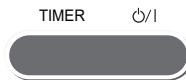
Remote controller



Batteries (Option)
(2 x 1,5V, AAA)

Functional Overview

Front



- Power On/Off Button** : Lights up red in Stand-By mode and Lights up green in TV on mode.
When TV is Child Lock mode, LED will cycle through red / green.
- TIMER LED Indicator** : When On time/Off time in time setting mode is selected, the LED is red.
- Remote Sensor** : Receives signals from the remote controller.

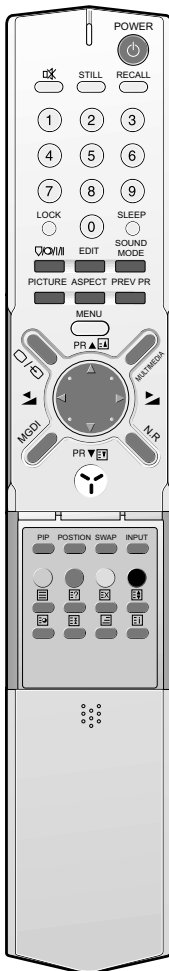
Side






- Source Button** : Each time you press this button, the TV will cycle through: TV / Video1 / Video2 / Video3(S-Video) / Component 1 / Component 2 / PC RGB / DVI
- MENU Button** : Use this button to enter and exit the MENU.
- Volume Buttons** : Use these buttons to change your TV's volume or to move the cursor in the menu.
- PR Buttons** : Use these buttons to change channels on your TV or to move the cursor in the menu.
- Power On/Off Button** : Use this button to TV STAND-BY mode/TV ON mode.
- Power On/Off Button** : Use this button to turn the power on or off.
- Note:** When the current state is ST-BY, you can turn on the TV using the PR Buttons.

Functional Overview

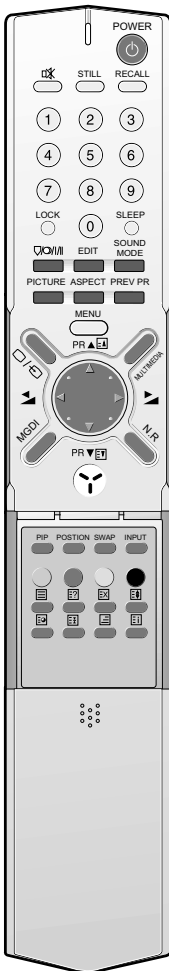
Remote Controller



1.  (**MUTE**) : Press this button, and the sound goes off. Press again, and the sound returns.
2.  (**POWER**) : TV on/off button in Stand-By mode.
Note: When the current state is ST-BY, you turn on the TV using the digit key
3. **STILL** : Press this button to freeze the picture.
4. **RECALL** : The present modes(TV, Video, Component, PC) and Signal information for 4 seconds. In TV mode, the Programme number, Signal, PIP/POP, MGD*i* and Current Time are displayed.
5. **NUMBER** : Press the numbers on this board, you can select channels directly in TV mode. (EX. When you want to select PR10, you should press down "1" and "0" within 2second. If you only press down "1", after 2 second, PR1 will be selected.)
Note: When the current state is ST-BY, you can turn on the TV using the digit key. Then, PROGRAMME is selected according to digit number.
6. **LOCK** : This prevents the use of the TV set without the remote control.
7. **SLEEP** : Sleep Timer setting. (Sleep 10 > Sleep 20 > Sleep 30 > Sleep 60 > Sleep 90 > Sleep 120)
8.  (**MTS**): You can select sound mode in Mono, Stereo, Dual1, Dual2, NiCAM STEREO. It works only in TV mode.
9. **EDIT** : You can enter the channel edit mode.
10. **SOUND MODE** : Using the this button, Select the desired sound mode.
Standard > Music > Cinema > News> Favourite
11. **PICTURE MODE** : Picture modes change as follows :
Standard / Dynamic / Cinema / Favourite

Functional Overview

Remote Controller



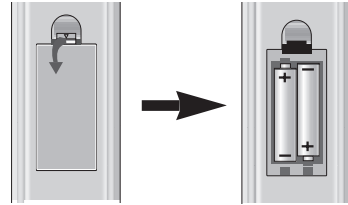
12. **ASPECT** : Select screen aspect ratio :
16:9 / Zoom1 / Zoom2 / Panorama / Auto / 4:3
13. **PREV PR** : Previous PROGRAMME button.
14. **MENU** : Menu display button.
15. / : Each time you press this button, the TV will cycle through: TV / Video1 / Video2 / Video3(S-Video)
16. **MULTIMEDIA** : Each time you press this button, the TV will cycle through:
Component 1 / Component 2 / PC RGB / DVI
17. **▼ PR ▲** : Change channels on your TV or move the cursor (UP / DOWN) in the menu.
18. **◀ VOL ▶** : Adjust the volume or move the cursor (LEFT / RIGHT) in the menu.
19. **MGDi** : Using this button, Change MGD*i* mode (on / Demo/ off).
20. **N.R** : Using this button, Select either Noise Reduction or Off.
21. **PIP** : Using this button, Select either PIP / POP On or Off.
22. **POSITION** : Using this button, you can move the sub-window position in PIP mode.
Position : right bottom > right top
> left top > left bottom
23. **SWAP** : Using this button, you can swap the main screen for sub screen.
24. **INPUT** : Sub Screen input mode change as follows PIP table mode or POP table mode.
25. **Red** : for channel skip and teletext.
26. **Green** : for channel move and teletext.
27. **Teletext** : see page 34.

Preparation

Inserting Batteries into the Remote Control Unit

To load the batteries, turn the remote control handset over and open the battery compartment. Insert the batteries (Two 1.5v, type R03 or AA). Make sure that the polarity matches with the (+) and (-) marks inside of the battery compartment.

Note: To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time.



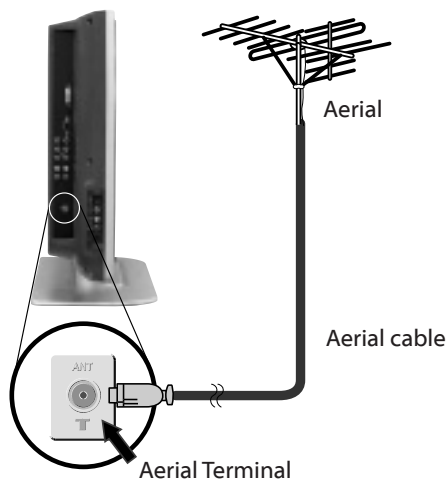
Mains Connection

1. Connect the AC plug to AC input terminal, rear of the set.
2. Plug the other end of AC cord into a Power outlet with **220V - 240V ~, 50Hz.**

Aerial Connection

CONNECTING THE TV DIRECTLY TO AN AERIAL

Connect an aerial cable (75 ohm coaxial cable) to the **Aerial terminal** on the back of the TV set.



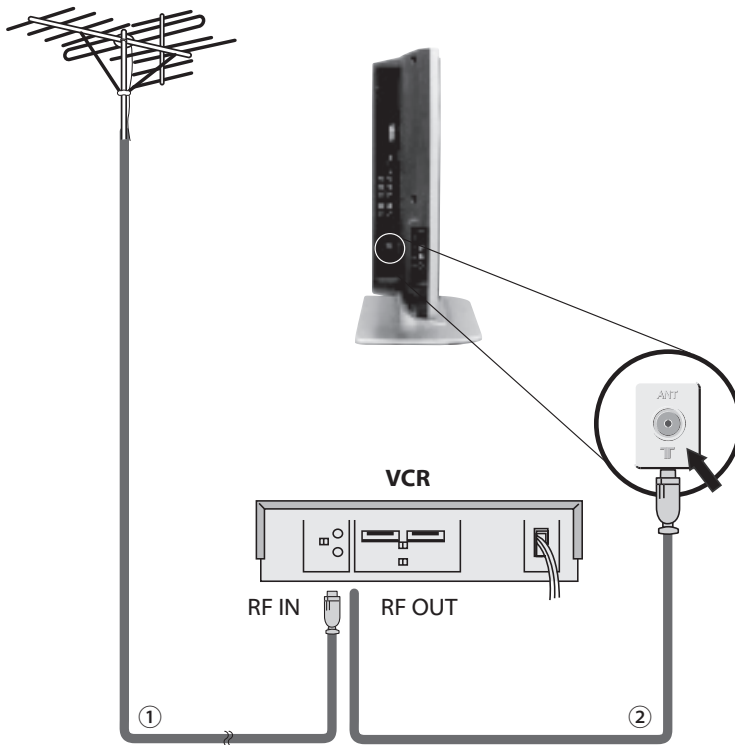
Preparation

Aerial Connection with VCR

Connect your ① aerial cable to the RF(aerial) IN terminal on the VCR.

Connect the RF OUT terminal of the VCR to the Aerial terminal on the TV set with ② RF cable.

NOTE: If you wish to use only the Aerial (RF) connection to match the VCR, then you should store the VCR channel on the TV to programme number **"ZERO"** using the **"Manual tuning"** function (See page 20). Now you can watch the VCR in TV mode by selecting the programme number **"PR00"**.

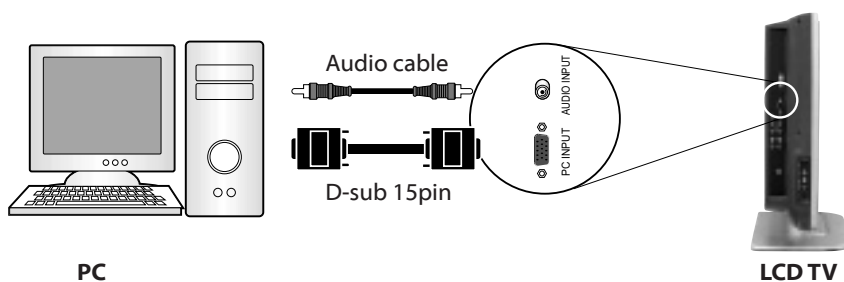


Preparation

Connecting PC(15Pin D-SUB)

1. Prepare the PC cable (D-sub 15pin) and the PC audio cable(Sold separately).
2. Connect the PC(Output) to the LCD(Input) as shown below.
3. Turn on the LCD and PC.
4. INPUT SELECT : Select [PC] by pressing the **"MULTIMEDIA"** button of the Remote Control or LCD unit.

Each time you press the **"MULTIMEDIA"** button, a different input mode appears.
The sequence is as follows: Component1 > Component2 > PC RGB > DVI > Component1



This set offers a variety of the resolutions in PC mode : 640x480(60,66,72,75Hz), 720x400(70,85Hz), 800x600(60,75,85Hz), 832x624(74Hz), 1024x768(60,70Hz), 576P(50Hz), 720P(50,60Hz), 1080i(50,60Hz)

NOTES:

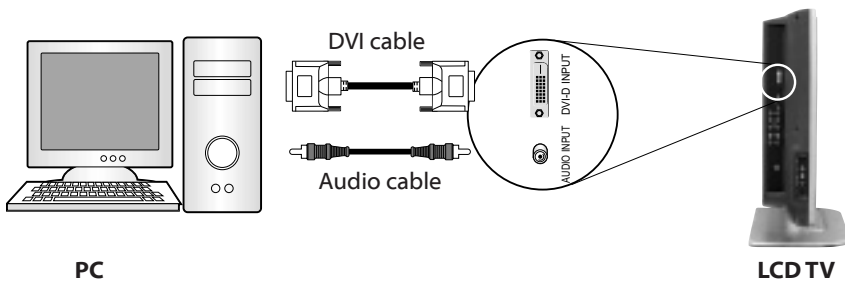
- 1) The resolution of the PC monitor is best at 1024 x 768.
- 2) If there is a [Vertical Frequency]setting menu in the [Display] Menu of the PC, adjust the frequency to 60Hz.
- 3) If the PC resolution is too high, it may be hard to read letters.
Select a suitable resolution.

Preparation

Connecting DVI

1. Prepare the DVI cable and the PC audio cable(Sold separately).
2. Connect the PC(Output) to the LCD(Input) as shown below.
3. Turn on the LCD and PC.
4. INPUT SELECT : Select [DVI] by pressing the “**MULTIMEDIA**” button of the Remote Control or LCD unit.

Each time you press the “**MULTIMEDIA**” button, a different input mode appears.
The sequence is as follows: Component1 > Component2 > PC RGB > DVI > Component1





This set offers a variety of the resolutions in DVI mode : 640x480(60,66,72,75Hz), 720x400(70,85Hz), 800x600(60,75,85Hz), 832x624(74Hz), 1024x768(60,70Hz), 576P(50Hz), 720P(50,60Hz), 1080i(50,60Hz)

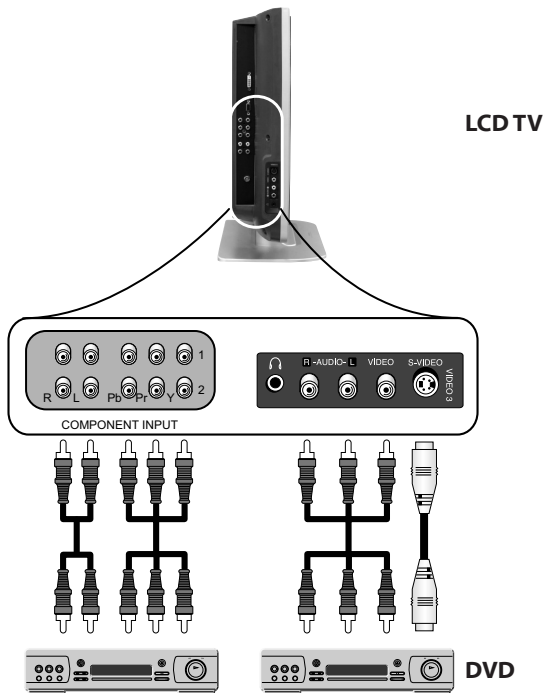
NOTES:

- 1) The resolution of the PC monitor is best at 1024 x 768 (XGA).
- 2) If there is a [Vertical Frequency] setting menu in the [Display] Menu of the PC, adjust the frequency to 60Hz.
- 3) If the PC resolution is too high, it may be hard to read letters.
Select a suitable resolution.
- 4) DVI input port receives only Digital Signal.
- 5) Depending on the graphic card when plug & unplug the DVI connection the screen may not display correctly.
Restart the computer if this happens.

Preparation

Connecting Component or VIDEO or S-VIDEO from a DVD

1. Prepare the AV cable.
2. Connect the DVD(Output) to the LCD(Component or Video Input) as shown below.
3. When connecting to an external AV source, be sure to match the colors.
4. Turn the LCD and the DVD ON.
5. Select [Component 1 or Component 2, Video1, Video2, Video3] by pressing the **"MULTIMEDIA"** or  button of the Remote Control or the „INPUT SELECT“ Key in KeyPad of the LCD set.
6. Each time you press the **"MULTIMEDIA"** or **"TV/VIDEO"** button, a different input mode appears. The sequence is as follows:
MULTIMEDIA Button : Component1 > Component2 > PC RGB > DVI > Component1
 : TV > Video1 > Video2 > Video3(S-Video) > TV
7. Select a desired title and function by using the Remote Control of the DVD.



Preparation

NOTES:

- 1) Y/Cb/Cr, which stands for DVD Player's Output Terminal, can also be written as Y/B-Y/R-Y, Y/Pb/Pr depending on the kinds of DVD devices.
- 2) The way of connecting the DVD to the LCD is as follows:
Y <----> Y Cb <----> Pb, B-Y, Cr <----> Pr, R-Y
- 3) The DVD output can be Video, S-Video and/or Component Video depending on the DVD devices. There are various output modes, so be sure to check when you purchase it.
- 4) When connecting S-Video and Video3 simultaneously, only S-Video will be displayed on the screen.

MULTI Input Resolution Available in 26/32 INCH LCD

RESOLUTION	V-freq	DVI	D-SUB	COMPONENT	REMARK
640x480	60	○	○	×	IBM, VGA
	66	○	○	×	APPLE, MAC66
	72	○	○	×	VESA
	75	○	○	×	VESA
720x400	70	○	○	×	IBM, VGA
	85	○	○	×	IBM, XGA2
800x600	60	○	○	×	VESA
	75	○	○	×	VESA
	85	○	○	×	VESA
832x624	74	○	○	×	MAC74
1024x768	60	○	○	×	VESA
	70	○	○	×	VESA
720P(1280x720)	50	○	○	○	
	60	○	○	○	
1080i(1920x1080)	50	○	○	○	
	60	○	○	○	
576P(704x576)	50	○	○	○	
480P(720x480)	60	×	×	○	
576i(704x576)	50	×	×	○	
480i(720x480)	60	×	×	○	

Note: According to the particular signal in PC/DVi mode, Auto Adjust takes more time.
This set doesn't support all graphic cards.

Preparation

Source Mode Selection

Press the AV button on the TV control panel repeatedly to select the source.

You can also select the source using AV button or Multimedia button on the remote controller.

AV button on the control panel :

TV > Video1 > Video2 > Video3(S-Video) > Component1 > Component2 > PC RGB > DVI > TV

AV button on the remote controller :

TV > Video1 > Video2 > Video3(S-Video) > TV

Multimedia button on the remote controller :

Component1 > Component2 > PC RGB > DVI > Component1

SCART Input Jack 1 (CVBS/RGB inputs, RF out)

This jack has CVBS/RGB inputs,, RF out .

It is used to connect a STB, VCR and DVD.

When the signal is RGB, the TV set switches automatically to Video1 mode.

In most cases, the TV set switches automatically to Video1 mode, when the external equipment is connected in playback mode. If not, then use the AV button to select Video1.

SCART Input Jack 2 (CVBS only, Monitor out)

This jack has only CVBS input, Monitor out.

It is used to connect a STB, VCR and DVD.

The TV set switches automatically to Video2 mode.

In most cases, the TV set switches automatically to Video2 mode, when the external equipment is connected in playback mode. If not, then use the AV button to select Video2.

External AV devices Input Jack [Video3(S-Video)]

These jacks have Video/Audio/S-Video inputs. Connect them to VCR/Camcorder/Video game with RCA/S-VIDEO cable.

* If your AV device has both Video OUT terminal and S-Video OUT terminal, S-Video connection is recommended for better picture quality.

DVD or DTV Set-Top Box Input Jack (Component1, Component2)

These jacks have Y/Pb(Cb)/Pr(Cr) inputs and Audio inputs.

These jacks are used to connect a DVD player, DTV Set-Top Box.

(Available input mode : 480i, 480p, 576i, 576p, 720p 60Hz, 720p 50Hz, 1080i 50Hz, 1080i 60Hz)

Headphone Input Jack

Insert the headphone plug (3.5 mm) into this jack.

The sound from the speaker will be automatically cut off.

You can control the headphone sound with the Volume Up/Down button.

* Headphones are not included in the supplied accessories.

D-SUB Jack

This jack has analog RGB inputs and is used to connect a PC.

See page 25 for more information of PC mode.

DVI Jack

This jack has digital RGB inputs and is used to connect a PC.

See page 25 for more information of PC mode.

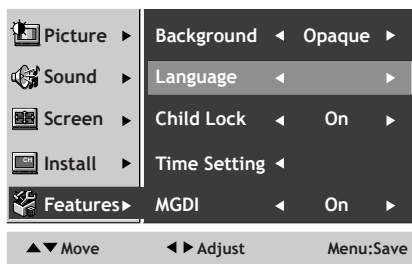
PC/DVi Audio Input Jack

Connect the stereo audio cable to the PC/DVi Audio jack and the other end to the Audio Out terminal of the Sound card on your PC.

Installation

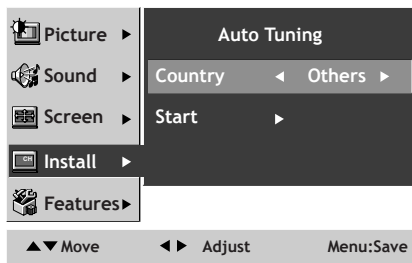
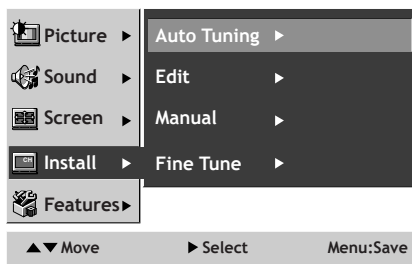
Language Menu

1. When you turn on the TV set for the first time, the **Language** menu appears as the on-screen display.
If not,
 - (1) Press the **MENU** button to call up the menu.
 - (2) Move the selection bar to the **Feature** menu with **▼PR▲** buttons.
 - (3) Press the **VOL▶** button.
 - (4) Move the selection bar to the **Language** with **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to choose the language you want .
3. Press the **MENU** button to escape from menu.



Automatic Tuning of TV Channels

1. Press the **MENU** button to call up the menu.
2. Move the selection bar to the **Install** menu with **▼PR▲** buttons.
3. Press the **VOL▶** button.
4. Place the selection bar on **Auto Tuning** and press the **VOL▶** button.
5. Select the Country you require with **◀VOL▶** buttons.
6. Move the selection bar to the **Start** with **▼PR▲** buttons.
7. Press the **VOL▶** button.
8. The Auto Tuning screen appears.
 - All available TV channels(CH) are searched for and stored from programme number (PR) 1 onwards automatically.
 - The names of the TV channels are stored as well if the TV channels broadcast VPS, PDC or Teletext.
9. Please wait until the Auto Tuning screen disappears.



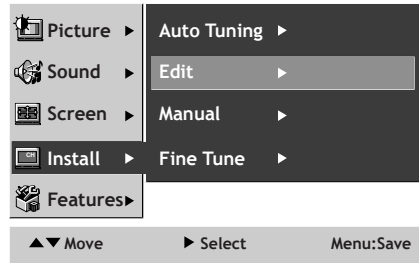
Installation

Channel Edit

Select the Channel Edit menu from the Install menu.

Moving the programme

1. Select the programme to move with the ▼PR▲ buttons.
2. Press **GREEN** button and the selected programme is highlighted.
3. Using the ▼PR▲ buttons, select programme you want to change.
4. Press Green button and the programme will be moved.



Skipping the programme

1. Select the programme to skip with the ▼PR▲ buttons.
2. Select Skip "Yes" or "No" with the RED button.
3. The programme marked with Skip "Yes" doesn't appear on screen when selecting a programme using the UP/DOWN button.

Editing Ch, Vd, Sd, Station Name

You can change Ch, Vd, Sd and Station Name.

1. Select the programme to edit with the ▼PR▲ buttons.
2. Press the **VOL►** button to enter the editing mode.
3. Select the position (Ch, Vd, Sd, Station Name) with the ◀VOL► buttons.
 - (1) Vd is the abbreviation of colour system.
Through the Vd, you can edit colour system.
 - (2) Sd is the abbreviation of sound system.
Through the Sd, you can edit sound system.
4. Use the ▼PR▲ buttons to edit the desired character or item.
5. Press the **MENU** button to exit.

Edit					
Pr	Ch	Vd	Sd	Name	Skip
01	S24	Pal	BG	ARD	No
02	C06	Pal	BG	----	No
03	C07	Pal	BG	----	No
04	C08	Pal	BG	----	No
05	S10	Pal	BG	----	No

■ Skip ■ Ch Move
▲▼ Move ► Select Menu:Save

Installation

Manual Tune

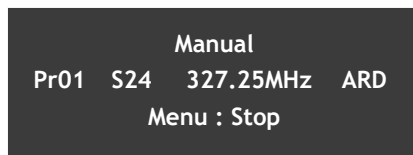
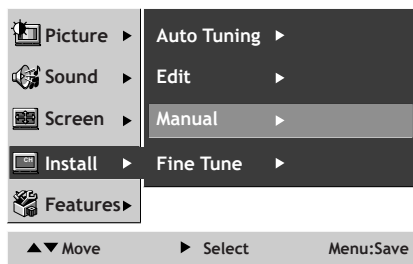
1. Press the **▼PR▲** buttons to select a programme number you want.
2. Select the **Manual** from the **Install** menu.
3. Press the **VOL▶** button and the manual tuning window appears.
4. Press the **◀VOL▶** buttons to search up or down.
5. Searching will be stopped automatically after finding the next channel.
6. When a new channel is found, a channel memorizing window will appear.
7. Select save(Using the menu button) or cancel (Using the blue button).

Note :

If you are unable to get any programs using Auto Tuning because of a poor broadcasting signal, it is possible to store the Manual tuning.

After auto search in France or Swiss, when you enter manual tune, if present channel is SECAM L/L', TV set can only search SECAM L/L'.

If you enter by other signal, TV set can search every signal except SECAM L/L'.



Fine Tune

1. Select a programme number you want to tune finely with the **▼PR▲** buttons.
2. Select the **Fine tune** from the **Install** menu.
3. Press the **VOL▶** button and the fine tuning window appears.
4. Adjust the fine tuning with the **◀VOL▶** buttons.
5. If you press down blue button, Fine Tune will be canceled.

Note :

If you are unable to get a good picture or sound because of a poor broadcasting signal, it is adjustment of the fine tuning might improve it.



Basic Operation

Switching On and Off

SWITCHING ON

1. If the Indicator is not lit, then the TV set is powered off. You must press the On/OFF button on the TV set.
The set will switch to stand-by mode and then the Indicator will illuminate in Red.
2. Press the POWER button on the remote controller or the POWER button on the TV set when the indicator is red.
The TV set will be switched on and the indicator will be changed to green.

SWITCHING OFF

1. Press the POWER button on the remote controller or the POWER button on the TV set to return the set to its stand-by mode. The Indicator will illuminate in Red.
2. Press the On/OFF button on the TV set to switch the TV set off completely.

NOTE:

If you turn the TV off, the present time that you have set will disappear.
If you don't use the set for extended periods of time, unplug the AC cord from Power outlet.

Recall

The Recall button on the remote controller is used to display the current status; Mode (TV, Video, Component, PC), Signal information, the Programme number, MGD_i, and PIP information, Time are displayed.

Information		
Source :	TV	Pr 1
Signal :	Pal	
PIP/POP :	Off	
MGD _i :	Off	
Clock :	-- : -- : --	

Basic Operation

Programme Selection

The set has 99 programme numbers, PR01..PR99.

The **Number** buttons are used for direct programme selection.

To select a two-digit programme, press the second numbered button within 2 seconds.
(EX. When you want to select PR10, you should press down "1" and "0" within 2second. If you only press down "1" after 2second, PR1 will be selected.)

▼ PR ▲ SELECTION

You can also select a programme by pressing step by step the ▼ PR ▲ buttons.

Sound Control

VOLUME CONTROL

Adjust the volume with the ◀VOL▶ buttons.

MUTE


Pressing the **MUTE** button () turns the sound off.


The **MUTE** symbol will be displayed.

The sound returns if the button is pressed once more.

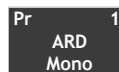
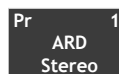
Stereo/Mono/Dual1,2 sound selection

When receiving a Stereo programme, Stereo mode is automatically selected.

In Stereo reception if you are unable to get good sound quality due to poor reception, you can force a change from Stereo to Mono transmission by pressing the () button.

Then the program status display indicates Mono.
To select Stereo/Dual1/Dual2, press the () button again.

The setting can be individually selected for each PR number.

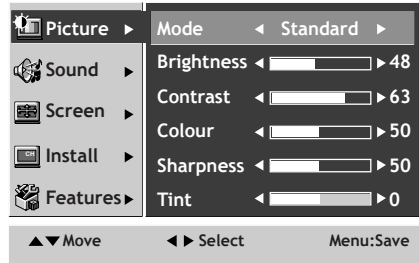


Menu Operation

Picture Control

1. Press the **MENU** button to call up the menu.
2. Move the selection bar to the Picture menu with the **▼PR▲** buttons.
3. Press the **VOL▶** button.
4. Select the item to adjust with the **▼PR▲** buttons.
5. Press the **◀VOL▶** buttons.

The level adjust mode of each function appears : "Brightness","Contrast","Colour","Sharpness","Tint". You can adjust the level of each item by using the **◀VOL▶** buttons.



NOTE:

Tint is displayed only when receiving a NTSC signal. The adjusted levels are stored automatically in Favourite mode.

NOTE:

You cannot adjust the colour saturation in PC and DVI mode.

This is PRE-SET to the correct level by the system.

Smart Picture mode Selection

1. Select Mode from the Picture menu.
2. Using **◀VOL▶** buttons, Select the desired mode.

Four pictures settings;

Standard > Dynamic > Cinema > Favourite

Note :

When you press the Picture button on the remote controller repeatedly, you can call up four pictures settings.

Standard: For a highly defined image in a normally bright room

Dynamic: For a clear-cut image emphasizing high contrast for sports viewing

Cinema: Ideal for movies

Favourite: Allows the user to customize settings as desired.

Menu Operation

Screen Control

Aspect Ratio Control

1. Press the **MENU** button to call up the menu.
2. Move the selection bar to the Screen menu with the **▼PR▲** buttons.
3. Press the **VOL▶** button.
4. Select the Mode menu with **▼PR▲** buttons.
5. Using **◀VOL▶** buttons, Select the desired aspect ratio.

Six mode ;

16:9 > Zoom1 > Zoom2 > Panorama > Auto > 4:3

Note : You can select the desired aspect ratio with the ASPECT button on the remote controller.

16:9 will display the picture at its maximum size but with slight elongation.

16:9 : Theatre-like 16:9 picture formats

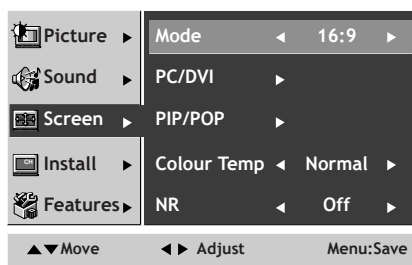
Zoom 1,2 mode magnifies the central section of the picture.

Panorama : 16:9 picture formats with panorama-effect

Auto: This mode will display depending on the signal information of a broadcasting station.

4:3 will display a 4:3 picture at its standard 4:3 size and can be selected if you wish to view in this format.

Note : PC,DVI and Component modes support to 16:9 and 4:3 aspect ratio.



Menu Operation

PC

1. Select the **PC** from the Screen menu.
2. Press the **VOL▶** button and the PC mode appears.

H Size

1. Move to H Size by pressing the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to adjust the horizontal size of displayed image.

V Size

1. Move to **V Size** by pressing the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to adjust the vertical size of displayed image.

H Position

1. Move to **H Position** by pressing the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to adjust the horizontal position of displayed image.

V Position

1. Move to **V Position** by pressing the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to adjust the vertical position of displayed image.

Phase

(Fine image adjustment in PC monitor mode)

1. Move to **Phase** by pressing the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to adjust the phase to get a clearer picture.

Frequency

1. Move to **Frequency** by pressing the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to adjust the Frequency to get optimal resolution.

Auto Adjust

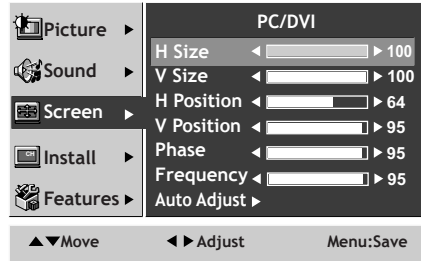
1. Move to **Auto Adjust** by pressing the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to detect optimal resolution automatically.

Note: During the Auto Adjust, you must not alter a screen on the monitor.

When the image is moving picture, Auto Adjust is able to incorrectly work. So you must execute Auto Adjust in still image. Auto Adjust incorrectly work at a part graphic card or picture. When Auto Adjust is not correctly working, you can adjust with H/V position, H/V size, frequency and phase.

Note

If the present mode is DVI, you can not select H/V size, Frequency, Phase and Auto Adjust. In PC mode, When input signal is HD signal(576P, 720P, 1080i), Auto Adjust doesn't work.



Menu Operation

PC/DVi Mode input format

If the signal from the PC system equals one of the standard signal modes, the screen will automatically adjust and display image.

If the signal from the PC system doesn't equal any of the modes, adjust the Video card setting on the computer.

For the display modes listed below, the screen image has been optimized during manufacture. The message "Out Of Range" will appear when the PC signal does not correspond to any of the below standard settings.

MULTI Input Resolution Available in 26/32 INCH LCD

RESOLUTION	V-freq	DVI	D-SUB	COMPONENT	REMARK
640x480	60	○	○	×	IBM, VGA
	66	○	○	×	APPLE, MAC66
	72	○	○	×	VESA
	75	○	○	×	VESA
720x400	70	○	○	×	IBM, VGA
	85	○	○	×	IBM, XGA2
800x600	60	○	○	×	VESA
	75	○	○	×	VESA
	85	○	○	×	VESA
832x624	74	○	○	×	MAC74
1024x768	60	○	○	×	VESA
	70	○	○	×	VESA
720P(1280x720)	50	○	○	○	
	60	○	○	○	
1080i(1920x1080)	50	○	○	○	
	60	○	○	○	
576P(704x576)	50	○	○	○	
480P(720x480)	60	×	×	○	
576i(704x576)	50	×	×	○	
480i(720x480)	60	×	×	○	

Note : PC(D-Sub) support R,G,B H/V signal.
SOG(Sync On Green) isn't supported.

Menu Operation

PIP/POP

1. Select the **PIP/POP** from the Screen menu.
2. Press the **VOL▶** button and the PIP/POP mode appears.

Mode

1. Use the **◀VOL▶** buttons to select either on or off.

Sub Input

1. Select the **Sub Input** menu with **▼PR▲** button.
2. Using the **◀VOL▶** buttons, Select the desired sub input.

Sub input mode :

TV > Video1 > Video2 > Video3(S-Video) > Component1 > Component2

Note: PC, DVi Mode; TV > Video1 > Video2 > Video3(S-Video)

PIP Size

1. Move to the **PIP Size** menu with **▼PR▲** button.
2. Press the **◀VOL▶** buttons to select either PIP or POP.

Note: In PC/DVI mode, PIP Size doesn't work.

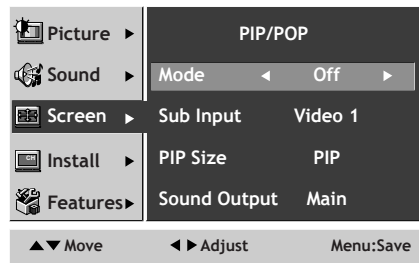
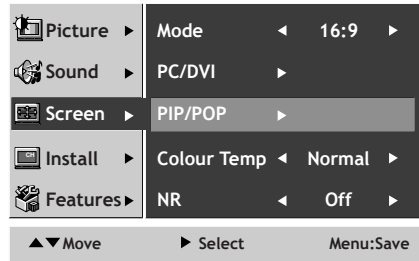
Sound Output

1. Move to the **Sound Output** menu with **▼PR▲** button.
2. Press the **◀VOL▶** buttons to select either Main or Sub sound output.

Note :

PIP/POP allows two pictures to be viewed at the same time.

If you change main source in PIP/POP mode, the PIP/POP mode is canceled.



Menu Operation

PIP : Along with the main window program, you can have another small sub window simultaneously.

POP : Main window moves to the left side of the screen and sub window appears on the right side at the same time.(When main mode is PC & DVI , this function cannot operates.)

PIP

Sub/Main	TV	Video1	Video2	Video3 (S-Video)	Comp.1	Comp.2	PC RGB	DVI
TV	×	○	○	○	○	○	○	○
Video1	○	×	○	○	○	○	○	○
Video2	○	○	×	○	○	○	○	○
Video3 (S-Video)	○	○	○	×	○	○	○	○
Comp.1	○	○	○	○	×	×	×	×
Comp.2	○	○	○	○	×	×	×	×
PC RGB	×	×	×	×	×	×	×	×
DVI	×	×	×	×	×	×	×	×

POP

Sub/Main	TV	Video1	Video2	Video3 (S-Video)	Comp.1	Comp.2	PC RGB	DVI
TV	×	○	○	○	○	○	×	×
Video1	○	×	○	○	○	○	×	×
Video2	○	○	×	○	○	○	×	×
Video3 (S-Video)	○	○	○	×	○	○	×	×
Comp.1	○	○	○	○	×	×	×	×
Comp.2	○	○	○	○	×	×	×	×
PC RGB	×	×	×	×	×	×	×	×
DVI	×	×	×	×	×	×	×	×

Menu Operation

Colour Temp

1. Move to the **Colour Temp** menu with **▼PR▲** buttons.
2. Using the **◀VOL▶** buttons, Select the desired Colour Temperature.

Note :

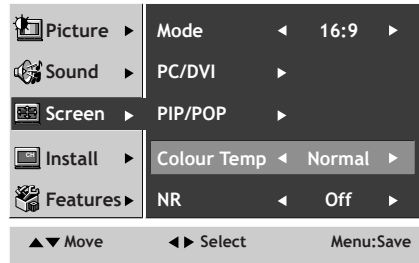
Through Colour Temperature Control you can change the tone of colour.

Normal: Normal white

Warm: Reddish white

Cool: Bluish white

Note: Colour Temp are operated only in PC/DVI mode.

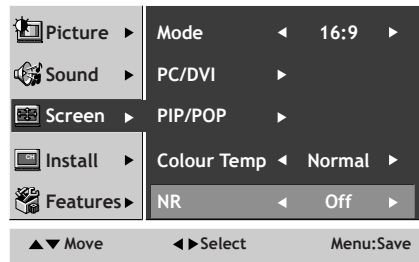


NR

1. Move to the NR menu with **▼PR▲** button.
2. Press the **◀VOL▶** buttons to select either NR or Off.

Note :

Noise Reduction allows you to reduce the noise in the picture due to poor reception or poor picture quality. (Only IN TV, Video 1~3 mode)



Menu Operation

Sound

Mode

1. Press the **MENU** button to call up the menu.
2. Move the selection bar to the Sound menu with **▼PR▲** buttons
3. Press the **VOL▶** button.
4. Select the Mode menu with **▼PR▲** buttons.
5. Using the **◀VOL▶** buttons, Select the desired sound mode.

Five modes ;

Standard > Music > Cinema > News > Favourite

NOTE:

Standard : Suitable for watching any motion picture

Music : Suitable for listening to music

Cinema : Select this mode to simulate being at a movie theatre

News : Allows human voice to be heard more clearly

Favourite : Allows the user to adjust as desired.

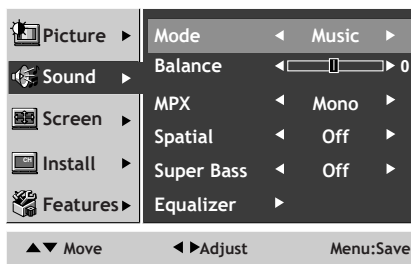
This screen is used for adjusting.

You can adjust desired item by using the

◀VOL▶ button.

Balance

1. Select the **Balance** menu with **▼PR▲** button.
2. Adjust the balance level by using the **◀VOL▶** buttons.



Menu Operation

MPX

1. Move to the **MPX** menu with **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to select one of the Stereo, Mono, Dual 1, Dual 2.

Note: MPX only works in RF mode.

Spatial

1. Move to the **Spatial** menu with **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to select either on or off.

Note: Using this function, you are able to enjoy the special sound effect.

Super Bass

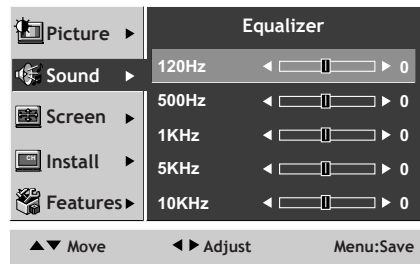
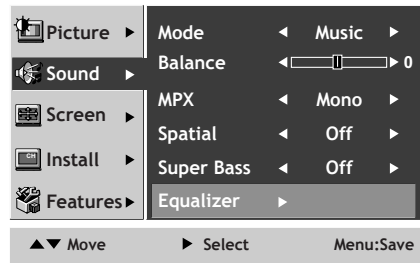
1. Move to the **Super Bass** menu with **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to select either on or off.

Note: Using this function, you are able to enjoy the bass effect.

Equalizer

1. Select the **Equalizer** from the Sound menu.
2. Press the **VOL▶** button and the Equalizer mode appears.

NOTE: Use this function to adjust the audio frequencies to your own taste.

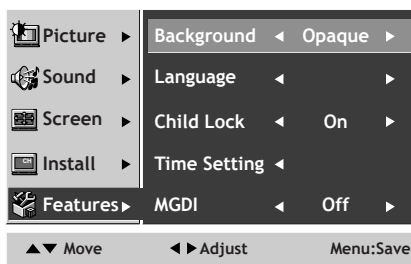


Menu Operation

Features

Background

1. Press the **MENU** button to call up the menu.
2. Move the selection bar to the **Features** menu with **▼PR▲** buttons.
3. Press the **VOL▶** button.
4. Select the **Background** menu with **▼PR▲** buttons.
5. Press the **◀VOL▶** buttons to select either Trans or Opaque.



Note :

If you select Trans, the OSD (On-Screen Display) background appears translucent.
If you select Opaque, the OSD background appears opaque.


Language

1. Move to the **Language** menu with **▼PR▲** buttons.
2. Press the **◀VOL▶** button to choose the language you want .

Child Lock

1. Move to the **Child Lock** menu with **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to select either on or off.

Note :

Child Lock :This prevents the use of the TV set without the remote control.
If the function is selected,  LED will cycle through red/green.

MGDi

1. Move to the **MGDi** menu with **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to select among on, off and Demo.

DAEWOO's new technology , MGDI , brings viewers more detailed, clearer and more natural image with picture compensation algorithm.

MGDi On : Improving image as demonstrated with MGDI is activated.

MGDi Off : Image returns to its original condition.

MGDi Demo :The screen shows the MGDI image on the right-hand side and the original image on the left-hand side.

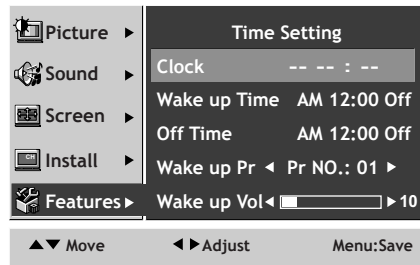
Menu Operation

Time Setting

1. Select the **Time Setting** from the **Feature** menu.
2. Press the **VOL▶** button and the Time Setting mode appears.

Setup the **Clock**, **Wake up Time** and **Off Time**.

1. Start to set up by pressing the **VOL▶** button.
2. AM/PM, Hour and minute is set up if pressing **PR** and **◀VOL▶** buttons in the ---:-- status.
3. For **Wake up Time** and **Off Time**, select either function on or off.
4. Press the **MENU** button for exit.



Wake up Pr and Wake up Vol

1. Move to the **Wake up Pr** or **Wake up Vol** menu with the **▼PR▲** buttons.
2. Press the **◀VOL▶** buttons to adjust the PR or Volume you want.

Wake up Time : You can turn on the TV at desired time.

Off Time : You can turn off the TV at desired time.

Wake up Pr : You can set the PR number when the TV turns on automatically.

Wake up Vol : You can set the sound volume when the TV turns on automatically.

NOTE :

Even though you turn off the LCD unit with the remote control, the time setting will be saved. However, if you turn off the main power from the LCD unit the time setting will be reset. The "Current time" must be set up before setting up other time memories.

Sleep

By pressing the **SLEEP** button repeatedly, you can select one of the following settings:

Sleep off → **Sleep 10** → **Sleep 20** → **Sleep 30** → **Sleep 60** → **Sleep 90** → **Sleep 120**
→ **Sleep off**

The set will turn off after the time you select.

NOTE: If a broadcast signal is not present for about 30 minutes, the set will automatically turn to stand-by mode.

Menu Operation

Teletext

SWITCHING TELETEXT ON/OFF

Press the **TELETEXT** button ().

The index page or the page viewed last will appear.

Press the **TELETEXT** button again to return to the TV mode.

NOTE: Teletext works only in TV/AV mode.

COLOUR BUTTONS IN TOP/FLOF TELETEXT

A red, green, yellow and blue field is shown at the bottom of the screen.

If TOP or FLOF Teletext is transmitted by the station, pressing the corresponding colour button **R,G,Y,B** on the remote controller, enables you to select the desired page easily.


SELECTING PAGES

The **NUMBER** buttons are used to enter a page number.

The selected page number appears at the top of the screen and the page appears after a short time.

The **▼PR▲** buttons increase or decrease the current page number by 1.

INDEX PAGE

You can switch directly to the programme preview(with TOP text) or the overview page of the station you are currently viewing by pressing the **INDEX** button ().

PAGE HOLD

Several sub pages can be combined under a page number and are scrolled at an interval determined by the television station. The presence of sub pages is indicated by, for example, 3/6 beneath the time, which means that you are looking at the 3rd page of a total of 6 pages.

If you want to look at a subpage for a longer period of time, press the **HOLD** button ().

The **HOLD** symbol appears and the contents of the subpage shown are kept on the screen and no longer updated or switched to other subpages.

Pressing the **HOLD** button again, the current subpage appears.


Menu Operation

CALLING UP SUBPAGE DIRECTLY

Pressing the SUBPAGE button (), "----" appears.

Enter the subpage number that you want to call up with the **NUMBER** button, for example, the 2nd page, sequence 0002.

The desired subpage will eventually be displayed on the screen and holds it there.

Meanwhile whilst you are waiting, it is possible to go back to the TV picture by pressing the **CANCEL** button () on the remote and after a while, press the **CANCEL** button again to revert back to the saved Teletext sub page.

WATCHING TV DURING TELETEXT MODE

Some pages are continually updated, for example, stock market reports, sports announcements, and the latest news.


If you want to watch television and stay informed at the same time, press **CANCEL** button ().

The regular programme is still visible and the updated Teletext page number appears at the top of the screen.


Pressing the **CANCEL** button again, the Teletext page appears with the updated information.

REVEAL ANSWER

This function can be used on certain pages to reveal the solution of riddles.

Press the **REVEAL** button () to reveal a hidden answer and press again to hide it.


DOUBLING CHARACTER SIZE

Repeatedly pressing the **SIZE** button () doubles the character size in the following order:

Upper half of the page → **Lower half of the page** → **Normal size**

→ **Upper half of the page**









MIX

By pressing the **MIX** button (), the teletext pages will be separated with the TEXT on the left of the TV picture.

Press the **MIX** button again to return back to teletext pages.





Trouble Shooting

Please check the following items before asking for repair service.

Symptom	Check items
Neither picture nor sound 	<ul style="list-style-type: none"> - Check the contact of sockets is all right. - Check the TV main power is on.
Picture is OK but no sound 	<ul style="list-style-type: none"> - Check the Volume control is set to minimum or mute.
Sound is OK, but no color. 	<ul style="list-style-type: none"> - Check the colour control and adjust it properly. - Check the program is in colour and not in black & white.
The picture is overlapped image. 	<ul style="list-style-type: none"> - Check the antenna is installed correctly and if not, adjust the antenna toward the broadcasting station.
Picture has "snow noise". 	<ul style="list-style-type: none"> - Check the antenna or its connection is correct and if not, correct the antenna fault or connection cable fault. - Check if car traffic or neon sign disturbs the sound effect.
Stripes on picture. 	<ul style="list-style-type: none"> - Check the susceptible interference by other electronic devices such as radio and television and keep magnetic or electronic devices away from the TV.
Bad stereo or Dual sound. 	<ul style="list-style-type: none"> - Long distance from the station or other radio waves can generate bad sound reception. If so, change the mode to Mono.
Remote control does not work. 	<ul style="list-style-type: none"> - Check if the batteries in the Remote control are dead. - Check if any object between IR sensor of the TV and the Remote control does not obstruct.

Trouble Shooting

IN PC/DVI MODE

Symptom	Check items
<p>"OUT OF RANGE" appears on the screen</p> 	<ul style="list-style-type: none"> - Check the resolution and frequency of your PC. Then, adjust them to optimum condition for LCD TV. - Refer to the table of PC mode input format (If registered resolution and frequency on the table no listed then no picture will be displayed.)
<p>"NO SIGNAL" appears on the screen.</p> 	<ul style="list-style-type: none"> - Ensure that the signal cable is firmly connected to PC and TV.
<p>Image is not clear.</p> 	<ul style="list-style-type: none"> - Adjust the PHASE control.
<p>Image is not centered.</p> 	<ul style="list-style-type: none"> - Adjust the H-POSITION and V-POSITION control.

• AFTER SALES SERVICE

Do not hesitate to contact your retailer or service agent if a change in the performance of your product indicates that a faulty condition may be present.

Product Specifications

		DLP-2612	DLP-3212
LCD Panel	Screen Size	26"	32"
	Aspect Ratio	16:9	16:9
	Resolution	1366 x 768 (WXGA)	1366 x 768 (WXGA)
	Pixel Pitch	0.4215 mm	0.51075 mm
	Contrast Ratio	800:1	800:1
TV System	Receiving System	PAL, SECAM	PAL, SECAM
	Stereo System	2-Carrier/NICAM	2-Carrier/NICAM
	Channel Memory	99 ch, Auto Preset	99 ch, Auto Preset
INPUT Connector	RF	75 Ohm Coaxial	75 Ohm Coaxial
	S-Video	1	1
	Scart	2	2
	Component	RCA x 2	RCA x 2
	PC RGB	D-Sub x 1	D-Sub x 1
	PC Audio	3.5mm Mini-Jack	3.5mm Mini-Jack
	DVI	1	1
OUTPUT Connector	Monitor-out	1	1
	Headphone	3.5mm Mini-Jack	3.5mm Mini-Jack
	RF-out	1	1
SOUND OUTPUT		8W	8W
Power Consumption	Max.	140 W	170 W
	Power Source	220-240V~ 50Hz	220-240V~ 50Hz
Dimension (W x H x D)	Set Dimension (Contain Stand)	(850 x 518 x 231)mm	(990 x 588.5 x 231)mm

★ Owing to our policy of continuous improvement, specifications may change.