Part No.11906542

User's Manual

TFT LCD TV

KLT151
KLT201

Vernex

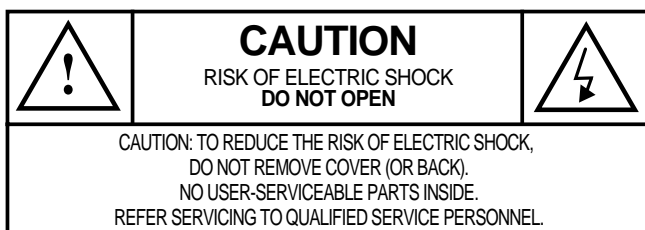# Copyright and Trademark Notice

KTV

Safety Instructions

⚠ !	**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.	

Before connecting the AC power cord to the DC adapter outlet, make sure the voltage designation of
the DC adapter corresponds to the local electrical supply.
Never insert anything metallic into the cabinet openings of the Liquid Crystal Display LCD TV:
doing so may create the danger of electric shock.
To avoid electric shock, never touch the inside of the LCD TV. Only a qualified
technician should open the case of the LCD TV.
Never use your LCD TV if the power cord has been damaged. Do not allow
anything to rest on the power cord, and keep the cord away from areas wherepeople can trip over it.

Be sure to hold the plug, not the cord, when disconnecting the LCD TV from
an electric socket.

Openings in the LCD TV cabinet are provided for ventilation. To prevent overheating,
these openings should not be blocked or covered. Also, avoid using the LCD TV on a bed, sofa, rug,
or other soft surface. Doing so may block the ventilation openings in the bottom of the cabinet.
If you put the LCD TV in a bookcase or some other enclosed space, be sure to provide adequate ventilation.
Put your LCD TV in a location with low humidity and a minimum of dust.

Do not expose the LCD TV to rain or use it near water
(in kitchen, near swimming pool, etc.). If the LCD TV accidentally gets wet, unplug it and contact
an authorized dealer immediately. You can clean the LCD TV with a damp cloth when necessary,
but be sure to unplug the LCD TV first.

Place the LCD TV on a solid surface and treat it carefully.
The screen is made of thin glass with a plastic front surface and be damaged if dropped, hit or scratched.
Do not clean the front panel with keton-type materials (e.g., acetone), ethyl alcohol, toluene, ethylacid, methyl,
or chloride - these may damage the panel.

Locate your LCD TV near an easily accessible AC outlet.

Regulatory Information

European Notice

products with the CE Marking comply with both the EMC Directive (89/336/EEC),(93/68/ECC) and the Low Voltage Directive(72/23/ECC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European Norms:

- EN 60950 / All: 1997
- EN 55 022 Class B: 1998
- EN 55 013:1990 + A12: 1994 + A13: 1996
- EN 61 000-3-2: 1995 + A1: 1998 + A2: 1998
- EN 61 000-3-3: 1995
- EN 50 082-1: 1992
  (EN 61000-4-2: 1995 + A1: 1998, IEC 801-3: 1984, EN 61000-4-4: 1995
- EN 55 020: 1994 + All: 1996

FCC Information

User Instructions

The Federal Communications Radio Frequency Interference Statement includes the following warning:

NOTE : This equipment has been tested and found to comply with limits for a Class B digital devices,
pursuant to Part 15 of the FCC Rules. These limits are designed to
provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses,
and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful

- interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation
- If this equipment does cause harmful interference to radio or television receptions, which can be determined by turning
- the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:
    Reorient or relocate the receiving antenna.
    Increase the separation between the equipment and receiver.
    Connect the equipment into an outlet of a circuit different from that to which the receiver is connected.
    Consult the dealer or an experienced radio/TV technician for help.

User Information

Changes or modification not expressly approved by the party responsible for compliance could void
the user's authority to operate the equipment.
If necessary, consult your dealer or an experienced radio/TV technician for additional
suggestions. You may find the booklet called How to Identify and Resolve Radio/TV Interference Problems helpful.
This booklet was prepared by the Federal Communications Commission.
It is available from the U.S. Goverment Printing Office, Washington,DC 20402, Stock Number 004-000-00345-4.

Warning

User must use shielded signal interface cables to maintain FCC compliance for the product.

Declaration of conformity for products Marked with FCC Logo

This device complies with Part 15 of FCC Rules. Operation is subject to the following
two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any

Regulatory Information

interference received, including interference that may cause undesired operation.
The party responsible for product compliance:

NeoValley Co., Ltd

2nd Fl. Samseung Bldg. 251-6, Yangjae-dong, Seocho-gu, Seoul, Korea
Tel) 82-2-3461-2818 Fax) 82-2-3461-2819
Homepage) http://www.neovalley.com

Provided with this monitor is a detachable power supply cord with IEC320 style terminations. It may be suitable for connection to any
UL Listed personal computer with similar configuration. Before making the connection, make sure the voltage ration of the computer
convenience outlet is the same as the monitor and that the ampere rating of the computer convenience outlet is equal to or exceeds
the monitor voltage ration.
For 120 Volt applications, use only UL Listed detachable power cord with NEMA configuration 5-15P type(parallel blades)
plug cap. For 240 Volt applications use only UL Listed Detachable power supply cord with NEMA configuration 6-15P
type(Tandem blades) plug cap.

General safety precautions

This Monitor has been engineered and manufactured to assure your safety.
You can prevent serious electrical shock and other hazards by keeping in mind the following:
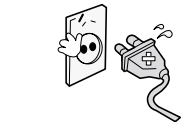
Do not place anything heavy, wet or magnetic on the monitor or
the power cord. Never cover the ventilation openings with any material
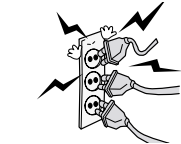and never touch them with metallic or inflammable materials.

Avoid operating the monitor in extreme heat, humidity or areas
affected by dust.
● Temperature : 5~35°C   ● Humidity : 30~80RH

Be sure to turn the monitor off before plugging the power cord into
the socket. Make sure that the power cord and the other cords are
securely and correctly connected.

Overloaded AC outlets and extension cords are dangerous,
as are frayed power cords and broken plugs, which may cause electric
shock or fire. Call your service technician for replacement.

Do not use sharp tools such as a pin or a pencil near the monitor,
as they may scratch the LCD surface.

Do not use a solvent, such s benzene, to clean the monitor,
as it will damage the LCD surface.

Contents

Contents

Front Panel

◆ **TFT LCD TV 20.1"**(51cm)

Front Panel

❶ TV/MTR	❷ MENU	❸ − VOL +	❹ − CH +	❺ POWER	❻

❶ **TV/MTR(MODE)**   Displays a menu of the available input sources.
                         (TV, Monitor).

❷ **MENU**   Display the main on-screen menu. Exit from sub-menu.

❸ **− VOL +**   Press the increase or decrease the volume. Also used to increase or rec
                         the value of a menu option.

❹ **− CH +**   Press CH or CH to change channels. Also used to highlight selections
                         on the on-screen menus.

❺ **POWER**   Turns ON/OFF the LCD TV/Monitor.

❻ **LED**   Light up when you turn the power off.

Front Panel

◆ **TFT LCD TV 15.1"** (38cm)
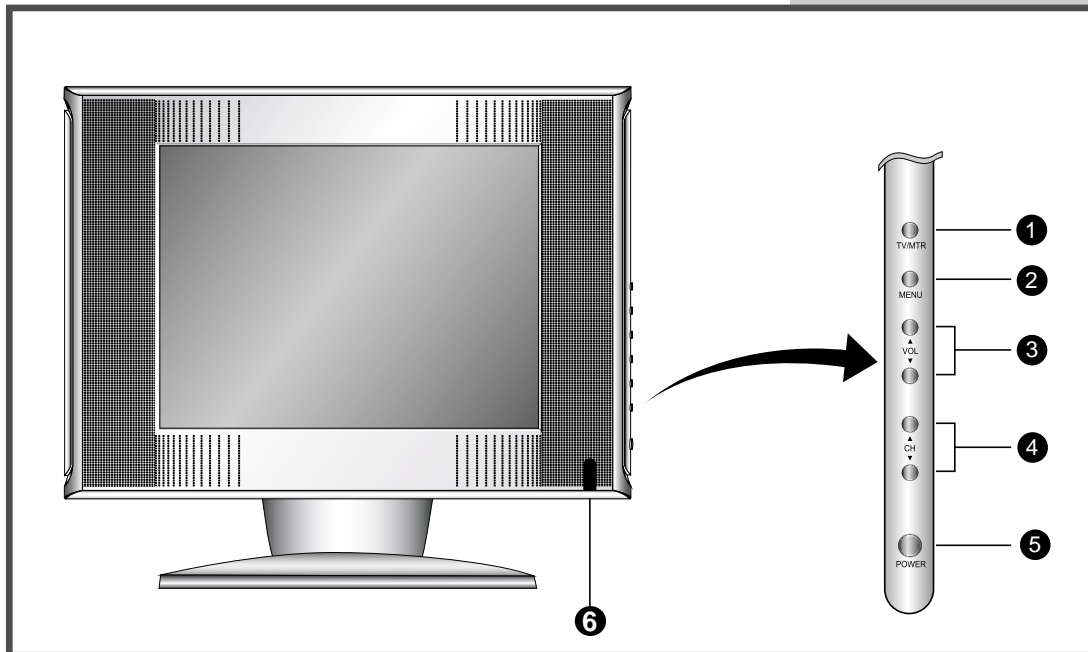
❶	**TV/MTR(MODE)**	Displays a menu of the available input sources. (TV, Monitor).
❷	**MENU**	Display the main on-screen menu. Exit from sub-menu.
❸	**– VOL +**	Press the increase or decrease the volume. Also used to increase or reduce the value of a menu option.
❹	**– CH +**	Press CH or CH to change channels. Also used to highlight selections on the on-screen menus.
❺	**POWER**	Turns ON/OFF the LCD TV/Monitor.
❻	**LED**	Light up when you turn the power off.

Accessory
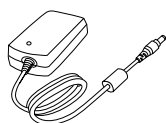
Remote Controller   DC Power Supply   Power Cable   15-pin D-Sub Signal Cable   User's Manual
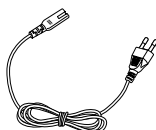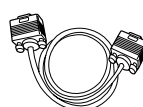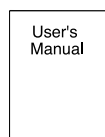
Rear Panel

◆ TFT LCD TV 20.1"(51cm)

Rear Panel Jacks

ANT.	H/P	Y C_b C_R	L ─── R	VIDEO L(MONO) R	S-VIDEO	PC	PC	DC 12V
		─── DVD IN ───	─ DVD AUDIO ─	─── A/V-IN ───		AUDIO IN	VIDEO IN	

❶   ❷   ❸   ❹   ❺   ❻   ❼   ❽   ❾

❶ **VHF/UHF ANTENNA JACK**   Connect to an antenna or a cable TV system.

❷ **HEAD PHONE JACK**

❸ **DVD INPUT (COMPONENT; Y, P_b, P_r)**

                                             Video signals from a DVD player.

❹ **DVD AUDIO**   Audio signals from DVD player when using the component video input jacks.

❺ **AUDIO INPUTS(for VIDEO/S-VIDEO mode)**   Audio signals from VCR or similar device.

❻ **S-VIDEO IN**   S-Video signal from an S-VHS VCR or Laserdisc player.

❼ **PC AUDIO INPUT**   Connects to the sound-output port of a personal computer.

❽ **PC VIDEO INPUT**   Used to connect a video signal from a personal computer.

❾ **POWER JACK**   To input DC power from power outlet.

Rear Panel

◆ TFT LCD TV 15.1"(38cm)
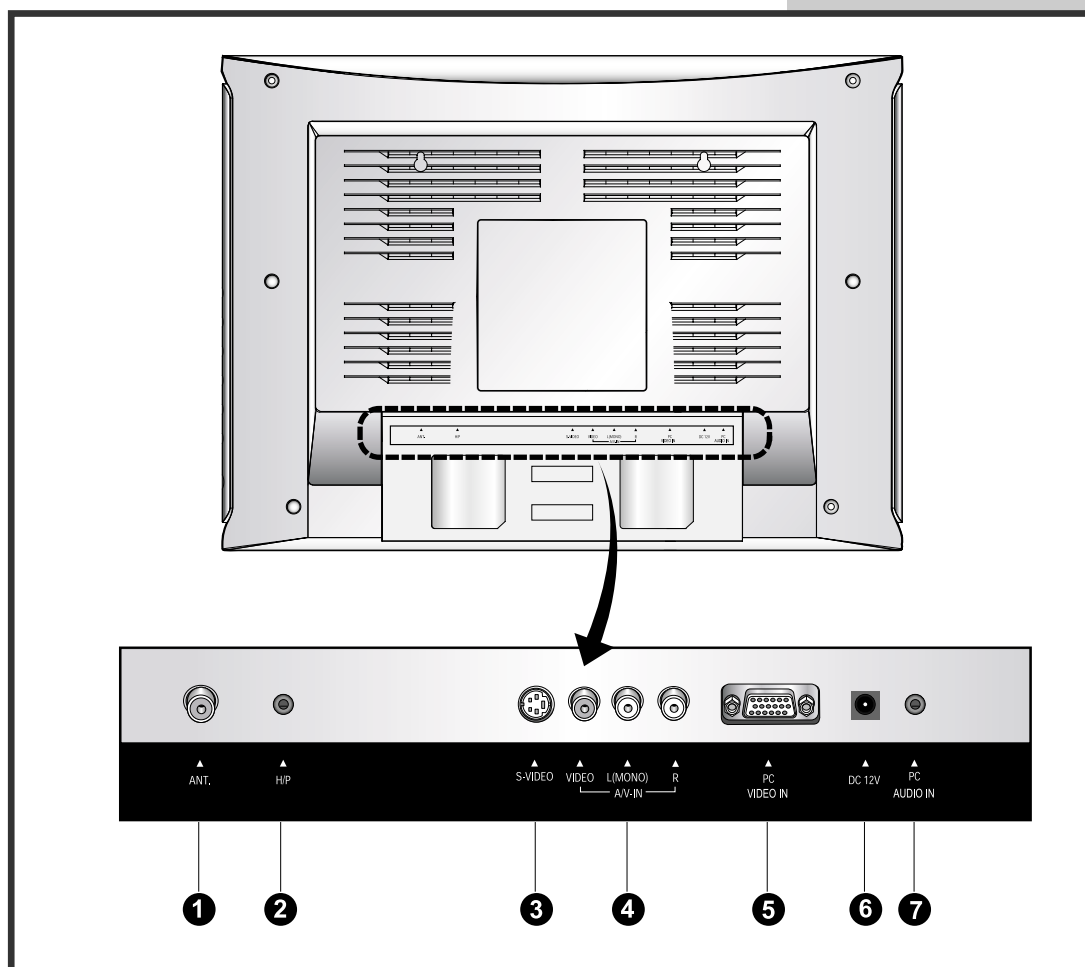
| | ANT. | H/P | S-VIDEO | VIDEO | L(MONO) | R | PC VIDEO IN | DC 12V | PC AUDIO IN |

| ①	**VHF/UHF ANTENNA JACK**	Connect to an antenna or a cable TV system.
②	**HEAD PHONE JACK**	
③	**S-VIDEO IN**	S-Video signal from an S-VHS VCR or Laserdisc player.
④	**AUDIO INPUTS(for VIDEO/S-VIDEO mode)**	Audio signals from VCR or similar device.
⑤	**PC VIDEO INPUT**	Used to connect a video signal from a personal computer.
⑥	**POWER JACK**	To input DC power from power outlet.
⑦	**PC AUDIO INPUT**	Connects to the sound-output port of a personal computer.

Remote Control Unit

①

② TV

③ +100

④

⑤ PC

⑥ POWER

⑦ CH ▲

⑧ ◄ VOL / VOL ►

⑨ MENU

⑩

⑪ MTS VID

1 2 3
4 5 6
7 8 9
0

CH ▼
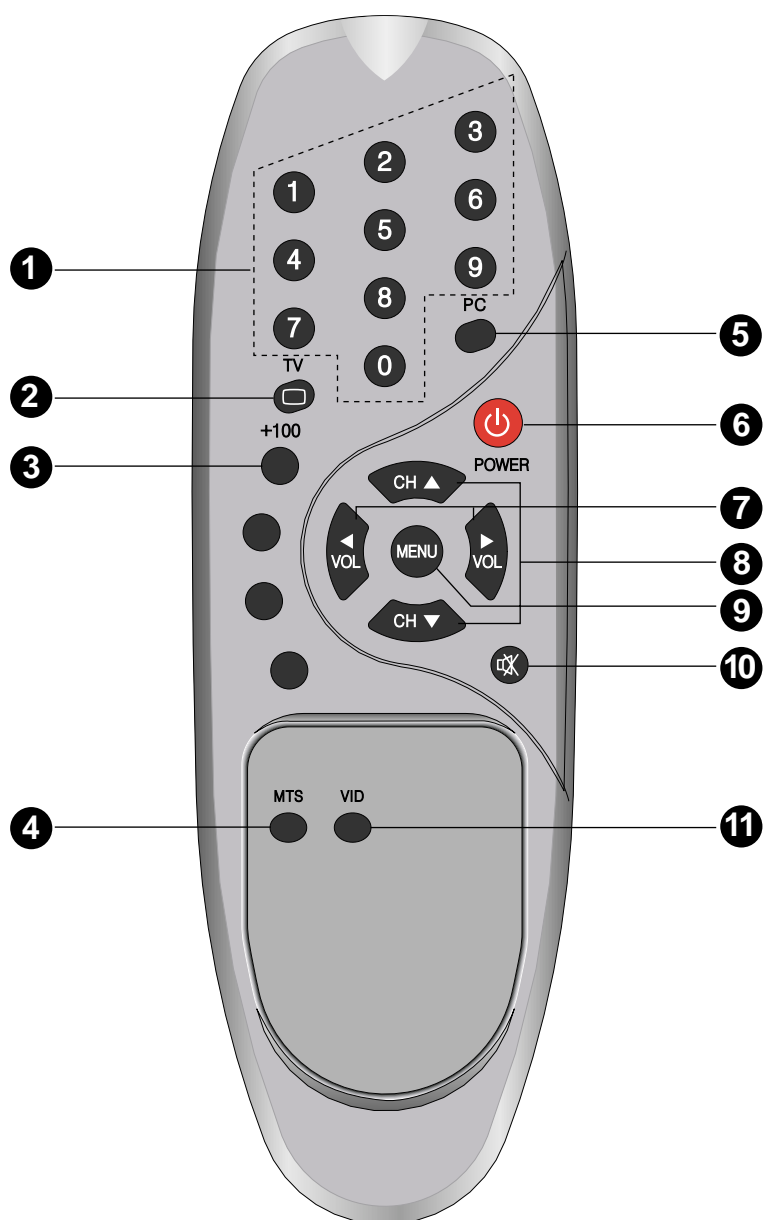
Remote Control Unit

1 Numeric buttons
Direct channel select.
Direct page select during teletext display(option)

2 TV
Select TV signal.

3 (+100)
Press to select channels over 100 or one/two digit
channel selection.
Select hidden content during teletext display (Option)

4 MTS
Press to choose stereo, dual or mono.

5 PC
Select PC signal.

6 POWER
Turns the TV On and Off.

7 VOL ◄ , ►
Press the increase or decrease the volume.
Also used to make selections on the
on-screen menus.

8 CH ▲ , ▼
Press CH ▲ or CH ▼ to change channels.
Also used to highlight selections on the on-screen menus.

9 MENU
Displays 'On Screen Menu.

10 MUTE
Press to temporarily cut of the sound.

11 VID
Press to display all of the available video sources
(i.e., Video, S-video PC and Antenna).

Inserting the batteries in the remote controller

You must insert or replace the batteries in the remote controller when you:
Purchase the set.
Find that the remote controller is no longer operating correctly.

1 Remove the cover of the remote
controller by pressing the symbol and
pulling the cover space in the direction
of the arrow.

2 Insert 2 batteries(AA size), taking care to
respect the polarities.
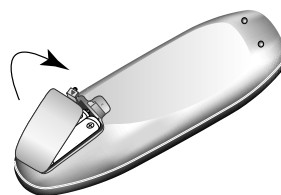
3 Replace the cover by put in it in the
direction of the arrow.

! *You can use your remote controller within a distance of 7~10m and an angle of 30 degrees from the left and right sides of t
he remote controller receptor of your monitor.*

Menu Tree

INDEX

PICTURE

Contrast
Brightness
Sharpness (TV mode)
Color (TV mode)
Tint (TV NTSC model)

SOUND (Option)

Treble
Bass
Balance
MTS (TV NTSC model)

GEOMETRY (PC mode)

H.Position
V.Position
Auto Position

FUNCTION (PC mode)

Tracking
    Auto Tracking
    Clock
    Phase

Information
Tuning (Deactive)

FUNCTION (NTSC model)

Tracking (Deactive)
Information
Tuning
    AIR/CATV
    Auto Tuning
    Manual Tuning
Caption
    Caption : Off
    Mode
    Channel
    Field
V-Chip
    V-Chip Lock : On
    TV Guide Line
    MPAA Rating
    Change PIN
Language

Connecting to watch TV , VCR or DVD

Connecting the Aerial or Cable Television Network

To view television channels correctly, a signal must be received by the set from one of following sources :

> *An outdoor aerial*
> *An indoor aerial (not recommendable)*
> *A cable television network*

1   In the first three cases, connect the aerial or network input cable to the 75 ohm coaxial socket on the rear of the TFT LCD TV.

2   Press the TV button on the remote control.

Connecting the VCR, DVD or Other external devices

1   Connect video and audio cable according to the shape and color of the video / audio cable.

> *When an external devices is in MONO, the audio connection cable can be connected to either the left and S.MODE/MTS should be set MONO.*

2   For optimal visual image, use S-VIDEO connector instead of video (yellow) connector.
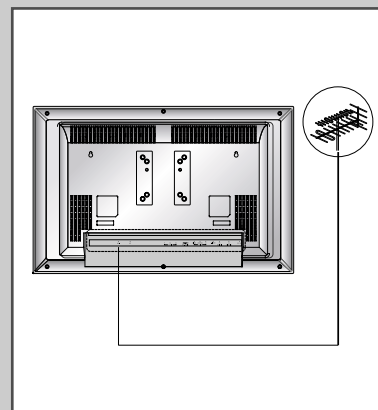
Connecting to watch TV , VCR or DVD

Connecting a DVD Player
(Connecting to Y, P_b, P_r)

1 Connect a set of audio cables between the component AUDIO IN jacks on the TFT LCD TV and the AUDIO OUT jacks on the DVD Player.

2 Connect video cables between the Y, P_B and P_R inputs on the TFT LCD TV and Y, P_b and P_r outputs on the DVD Player.
(Note : For an explanation of Component video, see your DVD Player's owner's manual.)

DVD

R   L   Y P_B P_R

ANT.   H/P   Y C_b C_R L —— R   VIDEO   L(MONO)   R   S-VIDEO   PC   PC   DC 12V
                   └— DVD IN —┘   DVD-AUDIO   └— A/V-IN —┘   AUDIO IN   VIDEO IN

L   R   VIDEO   S-VIDEO

VCR   Camcoder
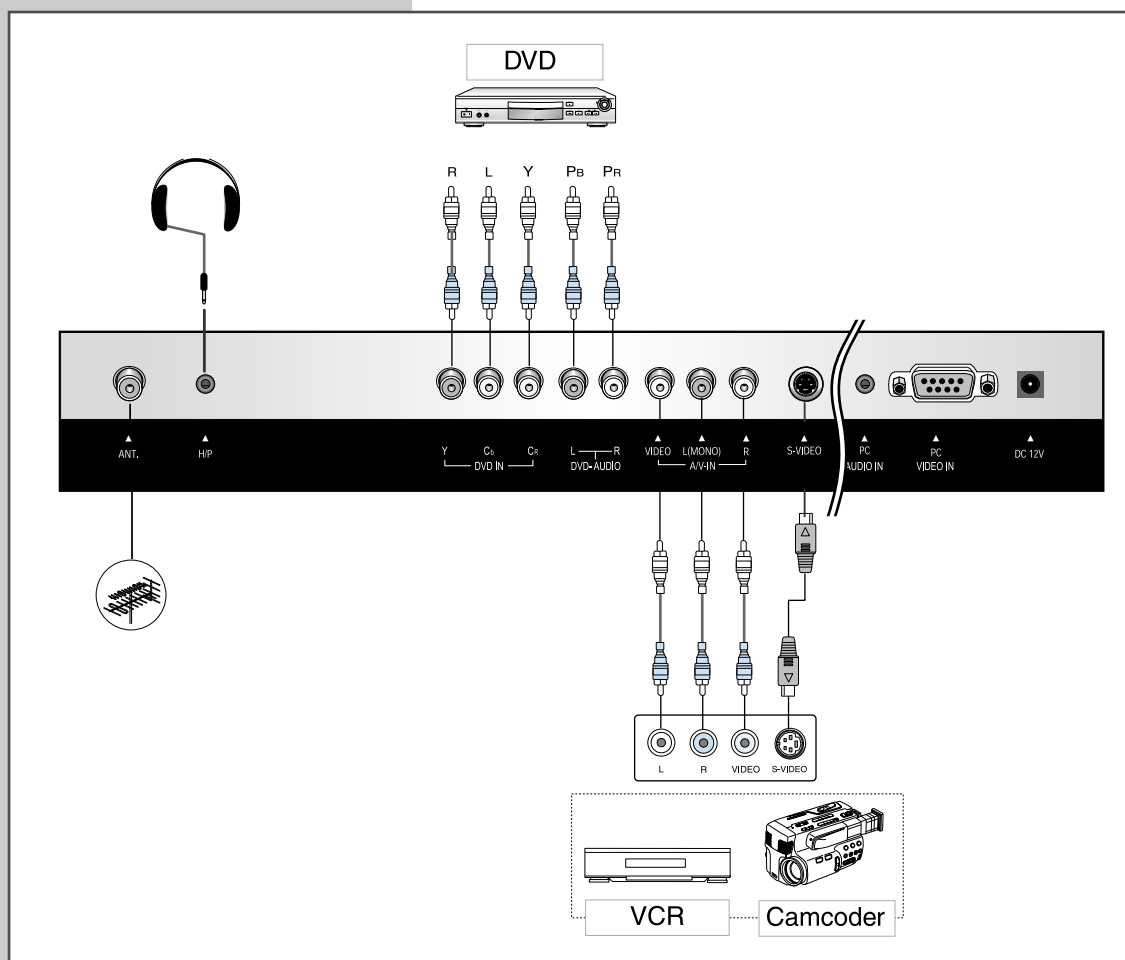
Changing the Picture Standard

You can select the type of picture which best corresponds to your viewing requirements.
The following picture effects are available in the order given :

Custom, Standard, Dynamic, Movie, Mild.
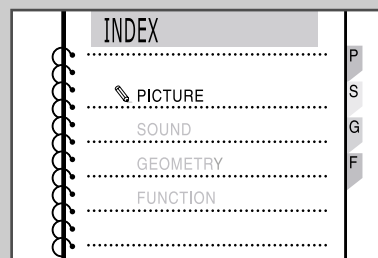
1   Press the MENU button.
         Result :   The **INDEX** menu is displayed.

2   Press the **VOL◀** or **VOL ▶** button.
         Result :   The " Picture" menu is displayed.

3   Select to satisfy your preference by pressing the **VOL◀** or **VOL ▶** button.

4   When you have been finished, press the **MENU** button repeatedly to return to normal viewing.

```
INDEX                      P
                           S
  PICTURE                  G
  SOUND                    F
  GEOMETRY
  FUNCTION
```
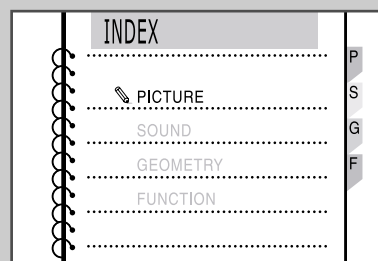
Adjusting the Picture settings

Your TV have several settings which allow you to control picture quality:

Contrast , Brightness, Sharpness, Color, Tint(NTSC only)

1   Press the **MENU** button.
         Result :   The INDEX menu is displayed.

2   Press the **VOL◀** or **VOL ▶** button.
         Result :   The " Picture " menu is displayed.

4   Use the **CH ▼** or **CH ▲** button to select one of the following options:
         Contrast, Brightness, Sharpness, Color, Tint (NTSC model)

5   Press the **VOL◀** or **VOL ▶** button.
         Result :   The horizontal bar is displayed.

6   Adjust to satisfy your preference by pressing the **VOL◀** or **VOL ▶** button.

7   When you are satisfied with the settings, press the **MENU** button repeatedly to return to normal viewing.

```
INDEX                      P
                           S
  PICTURE                  G
  SOUND                    F
  GEOMETRY
  FUNCTION
```

```
PICTURE                    P
                           S
  Contrast                 G
  Brightness
  Sharpness                F
  Color
  Tint
```

```
Contrast              15
◀  ▐──────▌──────▐  ▶
```

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Changing the Sound Standard(Option)

You can select the type of special sound effect to be used when watching a given broadcast.
The following sound effects are available in the order given :

Custom, Standard, Music, Movie, Speech.
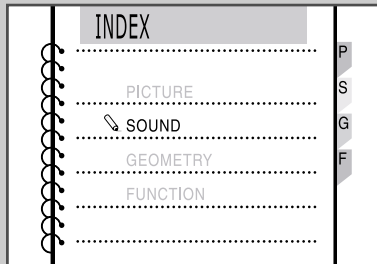
```
INDEX
                        P
                        S
    PICTURE
  ✎ SOUND               G
    GEOMETRY            F
    FUNCTION
```
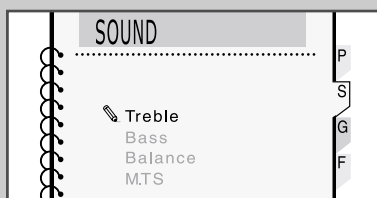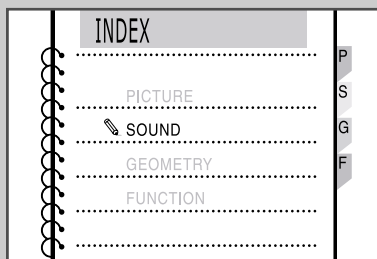
1 Press the MENU button.
Result : The "**INDEX**" menu is displayed.

2 Press the **CH ▼** or **CH ▲** button to select "**SOUND**"

3 Press the **VOL ◄** or **VOL ►** button.
Result : The "**Sound**" menu is displayed.

4 Select to satisfy your preference by pressing the **VOL ◄** or **VOL ►** button.

5 When you have been finished, press the **MENU** button repeatedly to return to normal viewing.

Adjusting the Sound settings(Option)

The sound settings can be adjusted to suit your personal preference:

Treble, Bass, Balance, / MTS

```
INDEX
                        P
                        S
    PICTURE
  ✎ SOUND               G
    GEOMETRY            F
    FUNCTION
```

```
SOUND
                        P
                        S
  ✎ Treble
    Bass                G
    Balance             F
    M.TS
```

```
Treble              15
  ◄─────────┼─────────►
```

1 Press the MENU button.
Result : The " **INDEX**" menu is displayed.

2 Press the **CH ▼** or **CH ▲** button to select "**SOUND**".

3 Press the **VOL ◄** or **VOL ►** button.
Result : The " Sound " menu is displayed.

4 Use the **CH ▼** or **CH ▲** button to select one of the following options:
Treble, Bass, Balance, MTS

5 Press the **VOL ◄** or **VOL ►** button.
Result : The horizontal bar is displayed.

6 Adjust to satisfy your preference by pressing the **VOL ◄** or **VOL ►** button.

7 When you are satisfied with the settings, press the **MENU** button repeatedly to return to normal viewing.

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Selecting the Sound Mode(depending on PAL model)

*The "S.Mode I/II" button displays/controls the processing and output
of the audio signal.*
*When power is switched ON, the mode is automatically preset to
either "Dual-I" or "Stereo" depending on the current transmission.*

◆ If the receiving conditions deteriorate, listening will be easier if
the mode is set to the "**Mono**" position using the S.Mode I/II button.

◆ If the stereo signal is weak (or if intermittent Stereo-Mono) and
automatic switching occurs, then switch to the "**Mono**" mode.

◆ When receiving mono sound in the AV mode, connect to the "**L**" input
jack on the panels. If the mono sound comes out only from the left
speaker, then press the S.ModeI/II button.

Choosing a Soundtrack: MTS Settings (depending on NTSC model)

*Depending on the particular program being broadcast,
you can listen to stereo, mono, a Separate Audio Program.*

Choose Mono if the channel is broadcasting in mono, or if you are
having difficulty receiving a stereo signal.
Choose Stereo for channels broadcasting in stereo.
Choose SAP when you want to listen to the Secondary Audio Program,
which is usually a soundtrack in another language.
Sometimes SAP has unrelated information like news or weather.

Adjusting the Volume/ Switching the Sound Off Temporarily

You can adjust the volume by pressing the **VOL ◄** or **VOL ►** *button
on the remote control.*
*You can switch the sound off temporarily by pressing the MUTE
button on the remote control, for example you may wish to answer
the telephone.*

1   Press the **VOL ►** button to increase the volume
(cursor moves to the right).

Volume	15
◁▮━━━━━━━▯	

2   Press the **VOL ◄** button to decrease the volume
(cursor moves to the left).

3   Press the **MUTE** button.
<u>Result :</u>   The sound is switched off and "**Mute**" is displayed.

Mute

4   When you wish to turn the sound back on at the same volume as
before, press the MUTE button again (or either of the volume
buttons).