CONTENTS
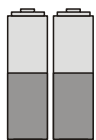
ACCESSORIES

Ensure that the following accessories are included with your TV.
If an accessory is missing, please contact the dealer where you
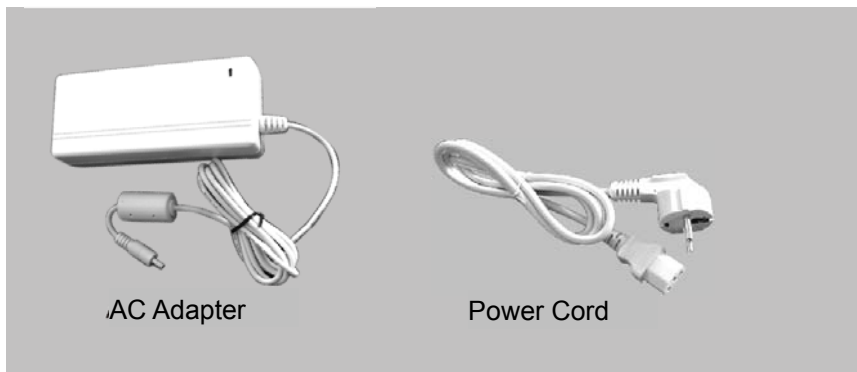purchased the product.

EN
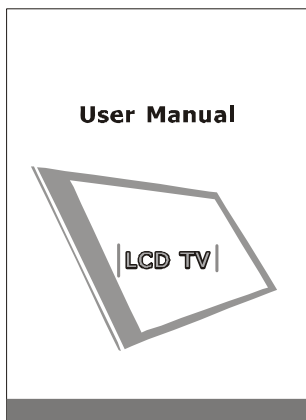
User Manual

Batteries

Warranty Card

Audio Cable

Remote Control

AC Adapter

Power Cord

2

SAFTY INTRODUCTIONS

This LCD TV is engineered and manufactured to comply with the international
safety standards. The same as other electrical equipments all the safety and
operating instructions should be read before the appliance is operated.

This LCD TV is engineered and manufactured to comply with the international safety standards. The same as other

electrical equipments , all the safety and operating instructions should be read before the appliance is operated.

EN

About Symbols

This manual includes different kinds of symbols. To ensure the correct using, as well as to avoid danger to users and others, the following introductions should be adhered to.

This is a WARNING symbol. If the users ignore this warning, there might be personal damage or even death due to incorrect operation.

This is an ATTENTION symbol. If the users ignore this warning, there might be damage to the person or to the appliance due to incorrect operation.

No Operations when Problems Occur

When abnormal phenomenon happens, such as smoking, smell, no picture, no voice, over loud voice, damage of part or cable, and inside of liquid or other things, there might be fire or electrical shock. Under such occasions, please unplug the TV set, make sure there is no smoke or smell, and get contact with the dealer. DO NOT repair it by yourself, or there might be hurt to human body.

No Entry of Liquid or Object

There might be fire or electrical shock if liquid or other object get inside the appliance. Please pay more attention to your children. If it happens, please unplug the TV set, make sure there is no smoke or smell, and get contact with the dealer.

- Keep the TV away from rain and moisture.
- Do not set liquids, including flower vases and vessels filled with chemicals or water etc. on top of the TV or around it.
- Do not set metal or tinder on top of the TV or around it.

SAFTY INTRODUCTIONS

Don't open the TV Set

There is high voltage subassembly inside the TV set, which may cause fire or electrical shock during repair.

- DO NOT remove cover (or back).

No Quiver or Concussion on TV Set

This appliance should not be exposed to dripping or broken. Continuous use might cause fire or electrical shock. If the panel gets broken, please unplug the TV set, and get contact with the dealer.

Set the TV on Balanced Spot

There will be damage if the TV drops or breaks.

- Don't set the TV on uneven, oblique, or shacking surface.

Ventilation

Don't interfere with its proper ventilation when the TV is working or has just been unplugged, or the display may be spoiled or life shortened due to over heating. In order to keep proper ventilation, please allow a clearance of 25cm on each side from the wall.

- Don't set any object around the ventilation openings of the appliance.
- Don't block the ventilation openings.
- NO inversion of the screen.
- Don't cover the appliance with table cloth.
- Don't set the appliance on carpet, bedding, or near to curtain.

SAFTY INTRODUCTIONS

Power Sources

Unbefitting power sources may cause fire or electrical shock. The appliance should be connected to a power supply
of the type described in the operating instructions or as marked on the appliance.

EN

- Power supply cord should adapt to the socket outlet.

Power Cord Connection

Incorrect connection of power cord may cause fire or electrical shock.

- Don't touch the cord with wet hands.
- Please check the pontes if it is clean (no dust) before use. If it is not, please do the cleaning with dry and soft
  fabric.
- Fix the power cord steadily in to the socket outlet to avoid it becoming flexible, or it may have malfunction.
- Don't cut off the cord, for it may debase the performance. If you want to lengthen it, please make an appropriate
  one or get contact with the dealer.
- If you want to change the fuse in the connector plugs, please change it with the same resistance and model.

Connect to Earth Connection

This appliance shall be connected to a mains socket outlet with a protective earth connection. If the provided plug
does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. Take care of the cord, or
there might be fire or electrical shock due to broken cord. Please make sure that the cord is not over hot, pressed, or
tensed. If the cord has problem (the core string emerges or the cord breaks), please get contact with the dealer.

- Never allow heavy objects such as the TV set itself to be placed on the power cord. Never cover the cord with
  table cloth, for it may lead you to set heavy object on the cord duo to ignorance.
- When removing the power plug from the socket, always hold onto the plug, never pull by the cord.
- Don't set the cord next to heaters.
- Don't touch the plug right after it is unplugged to avoid electrical shock.
- Don't touch the plug during lightning.
- Don't allow cord to become knotted or tangled.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the
  point where they exit from the apparatus.

SAFTY INTRODUCTIONS

Dispose the Batteries Carefully

EN

- Incorrect disposal of batteries may cause fire or human damage,   and even explosion.
- Don't throw batteries into fire or water.
- Keep the batteries far away from fire or heat.
- Don't fetch the batteries with metal forceps.
- Keep the batteries under cool and dry environment.
- Match the batteries to the (+) and (-) marks in the battery compartment.
- Don't charge up, dismantle, or joint the batteries.
- Don't impact the batteries.
- Please use the batteries that are appointed in the user's manual.
- Please clean the matter sweeps out of the batteries if they break, and change a
     new pair. If the matters stick to your clothes, please clean it with water downright.
- Please treat the used batteries with the observance of the local law.

Battery Recycling

In order to ensure the environmentally friendly disposal of batteries, please do **NOT** dispose of used batteries through

normal household waste. Please take the batteries to your local retail or community collection point for recycling.

The following may be an indication of a discharged battery: The device cannot be switched on. The device switches off

automatically and "Battery Empty" is shown in the display. The device and or battery do not function properly.

Don't Set the TV in the places bellow:

- In the sun or near heaters;
- Places where difference in temperature goes great;
- Places that have bad ventilation;
- Near fire;
- Moist places such as bathroom;
- Places that human walks frequently or places where are quivering fiercely;
- Places where is deflective or unbalanced.

SAFTY INTRODUCTIONS

Watching TV

Please watch TV indoors where there is proper brightness. Please make sure the sunlight will not fall directly on the picture screen. Please relax your eyes every now and then by taking an overlook.

How to Clean the TV Set

Before cleaning, please turn off the TV and unplug the power cord. Don't beat or scrape the screen with sharp and hard object. Clean the screen with a soft cloth moistened in warm water. A mild soap may be used if the screen is extremely dirty. Dry the screen with a soft cloth after cleaning.
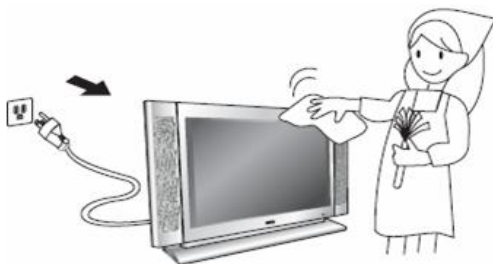
Notes of Cable Connection

■ Make sure that all cables, including connector plugs, extend lines, and connecting cables   between equipments are specify by the manufacturer. Before changing the connection, please turn off the power and unplug the power cord;

■ The power cord should not be the same one as other equipments';

■ Use plugs with a protective earthing connection.

SAFTY INTRODUCTIONS

Notes of Transportation

Please handle with care during transportation. Besides, please use the
original carton and wrappage, or it may damage the TV set. Please retain
the original carton and wrappage.

Don't Impact the Remote Control

Impacts on remote control may lead to trouble.

■ Please don't chuck the remote control;

■ Don't set heavy object on remote control.

To Avoid Fierce Lights

The sensor of remote control will not work if the lights, such as sunlight or
bright indoor illumination fall directly on it. Make sure that there is no
interference from wireless, or it may cause distortion of the picture or unusual
sound. There should no equipment like mobile telephone or wireless receiver.

Adjust Volume to a Proper Level

It's better to turn down the volume and shut the windows at night,
in case it will influence others.

Note on Installation

■ Never use wooden screws and bracket to fix up. Use those that are specified
   by the manufacturer;

■ Use only with the cart, stand, tripod, bracket, or table specified by the
   manufacturer, or sold with the apparatus. When a cart is used, use caution when
   moving the cart/apparatus combination to avoid injury from tip-over;

■ Pleas follow all the operating instructions of the wall or ceiling mounting;

■ Use only the attachments/accessories specified by the manufacturer;

■ If you have any questions on installation, operation, or safety,
   please call the dealer.

Tips regarding environmental protection

At the end of its operating life, this product may not be disposed of by way of your normal household waste. Instead it must be delivered to a collection point for recycling electrical and electronic equipment. The icon on the product, in the operating instructions or on the packaging, indicates this.
The materials used in manufacturing this product are recyclable, depending on their identifying markings. By recycling this equipment, by recycling its components, or through other procedures of re-using outdated equipment, you are making an important contribution to protection our environment. Please ask you local municipal administration for the location of the corresponding recycling point.
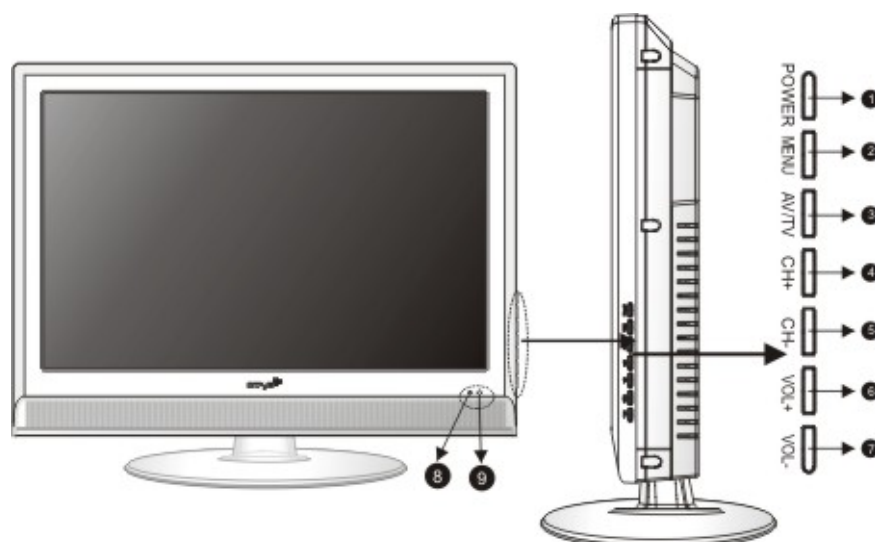
INTRODUCTION

CONTROLS

This manual explains the features available on the model of 22 LCD TV.

■ This is a simplified representation of a front panel. Here shown may be somewhat different from your TV.

Control Panel

(1) (Power) Press this button to standby mood.

(2) (MENU) Press this button to display the OSD menu. When the OSD menu is on, press this button to exit the menu

(3) (AV/ TV) Press this button to select AV source or TV source.

(4) (CH+) Press the button to up the channel

(5) (CH-) Press the button to down the channel

(6) (VOL+) Press Volume+ to increase the volume.

(7) (VOL-) Press Volume- to decrease the volume.

(8) (Indicator) Stand by/Power indicator
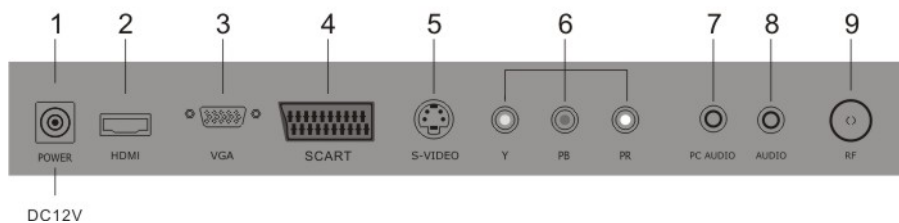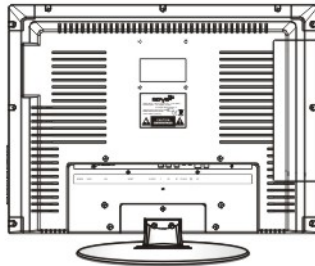
(9) (Receiver) Infrared remote control sensor window

INTRODUCTION

CONNECTION OPTION

Back Connection Panel

■ This is a simplified representation of a back panel.

Here shown may be somewhat different from your TV.

(01):(POWER)DC IN : Connect the power cord with DC12V to this input

(02):HDMI Input: Connect HDMI signal

(03)PC VGA Input: Connect PC VGA signal output

(04)SCART Connector(CVBS input; RGB input; Audio input; based on TV audio
and video output)

(05)S-video Input: Connect S-video output of your AV device

(06)YPbPr Video Input: Connect the component image output of your AV devices here

(07)PC Audio Input: Connect PC audio input

(08)Audio Input: connect to S-video/YPbPr AUDIO input

(09)RF: Antenna Input (75 ohm)

Note: Please study the operation manuals of external equipments before
connecting them to the television

Please turn off the TV when connecting other equipments till all the
connection is in correct.

INTRODUCTION

REMOTE CONTROL KEY FUNCTIONS

(1) POWER   Switches the TV set on.

(2) MUTE   Press to eliminate or restore the TV sound.

(3) AUTO   Press to pc source picture auto adjust.

(4) P.MODE   Press to select preset picture mode.

(5) S.MODE   Press to select Sound mode button.

(6) NICAM   Press to select TV sound.

(7) DISPLAY   Press to display current status,

                            TV channel; input source.

(8) Numerical buttons:

                            Press number buttons for direct access

                            TV channels.

(9) ⟲ button   Press to return to previous channel.

(10) -/-- button   Direct input numerical button for 2 digit

                            or 3 digit program.

(11) LCDMENU   LCD menu selection.

(12) EXIT   Exit the OSD menu(On-screen display).

(13) SLEEP   Sets the sleep timer

(14) INPUT   Press to display all possible input sources

(15) " ▲ " button   Press the button to up channels.

                            When OSD menu is on ,press this button

                            to move the selection focus up

                            or change settings.

(16) " ▼ "button   Press the button to down channels.

                            When OSD menu is on, press this button to

                            move the selection focus down

                            or change settings.

(17) " ◀ "button: Press the button to decrease the volume.

                            When OSD menu is on, press this button to move the

                            selection focus left or confirm the settings.

(18) " ▶ "button   Press the button to increase the volume.

                            When OSD menu is on, press this button to move the

   selection focus right or confirm the settings.

11
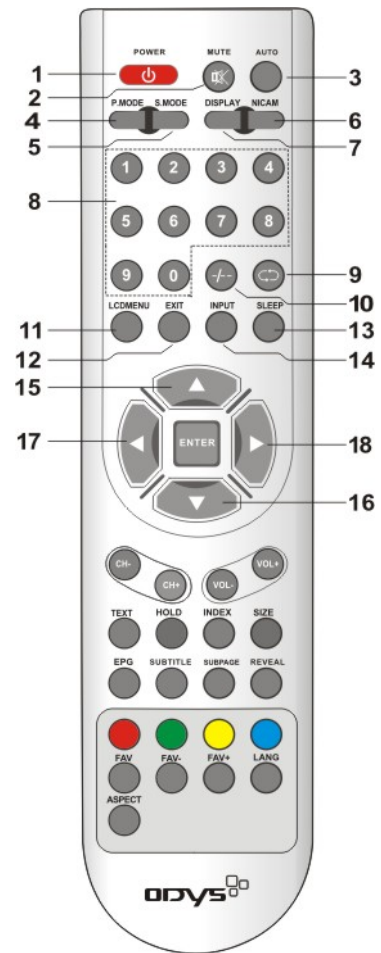
INTRODUCTION

REMOTE CONTROL KEY FUNCTIONS

EN

(19)	CH- button	Changes the channels down.
(20)	CH+ button	Changes the channels up.
(21)	VOL- button	Adjusts the volume down.
(22)	VOL+ button	Adjusts the volume up.
(23)	TEXT button	Switch the teletext on or off
(24)	HOLD button	Teletext function button (used for teletext mode only)
(25)	SIZE button	Teletext function button (used for teletext mode only)
(26)	INDEX button	Teletext function button (used for teletext mode only)
(27)	EPG button	Enter Electronic Program Guide.
(28)	SUBTITLE	Press the button to select different captions.
(29)	REVEAL button	Press this button to reveal the hidden information for some teletext mode.
(30)	SUBPAGE	Carry out the function of SUBCODE in the text while enter the display mode.
(31)	"RED" button	Teletext function button (used for teletext mode only)
(32)	"GREEN"	Teletext function button (used for teletext mode only)
(33)	"YELLOW"	Teletext function button (used for teletext mode only)
(34)	"CYAN"	Teletext function button (used for teletext mode only)
(35)	FAV button	Switch between custom set "Favorite list".
(36)	FAV- button	Changes the Favorite channels down.
(37)	LANG button	Press to select DTV language.
(38)	FAV+ button	Changes the Favorite channels down.
(39)	ASPECT button	Press to select picture mode 4:3,16:9 etc.
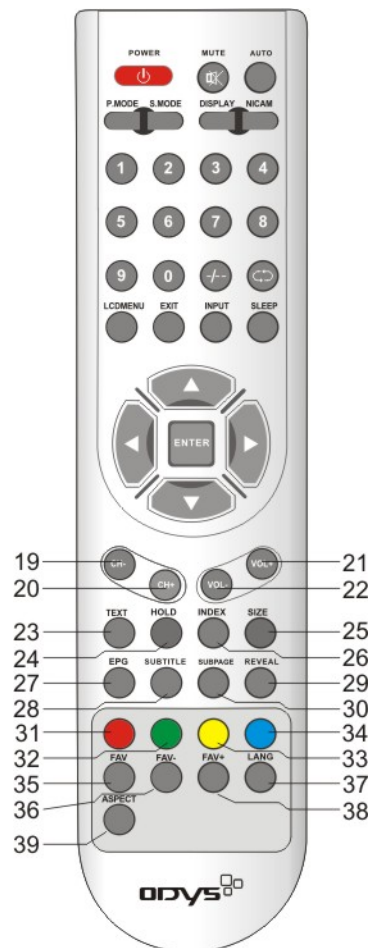
INTRODUCTION

INSTALLING BATTERIES

(1)Open the battery compartment cover on the back side

(2)Insert two 1.5V batteries of AAA type with correct polarity

(3)Close the battery compartment cover on the back side

Notes on Using Batteries

The use of the wrong type of batteries may cause chemical leaks and/or explosion.

Please note the following:

Always ensure that the batteries are inserted with the positive and negative terminals in the correct direction as shown in the batteries compartment. Different types of batteries have different characteristics. Do not mix different types.

Do not mix old and new batteries. Mixing old and new batteries will shorten battery life and /or cause chemical leaks from the old batteries.

When batteries fail to function, replace them immediately. Chemicals which leak from batteries may cause skin irritation. If any chemical matter seeps out of the batteries, wipe it up immediately using a dry cloth.

Due to varying storage conditions, the battery life for the batteries included with your unit may be shortened.

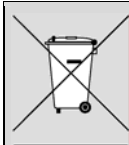If the remote control is not used for a long period of time, remove the batteries.

Notes on using the Remote control:

Do not strike or drop the remote.

Do not expose the remote control to liquids and do not place it in humid environment.

Do not install or place the remote control in direct sunlight.

The heat may damage the remote control.

Battery Recycling

In order to ensure the environmentally friendly disposal of batteries, please do **NOT** dispose of used batteries through normal household waste. Please take the batteries to your local retail or community collection point for recycling.

The following may be an indication of a discharged battery: The device cannot be switched on. The device switches off automatically and "Battery Empty" is shown in the display. The device and or battery do not function properly.

INSTALLATION

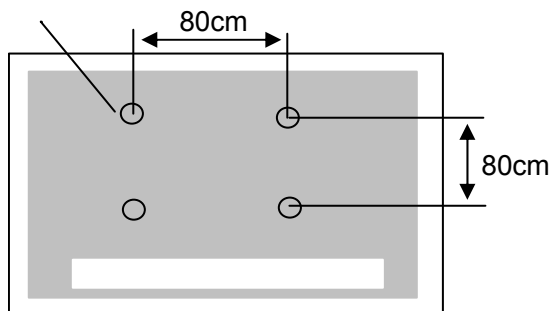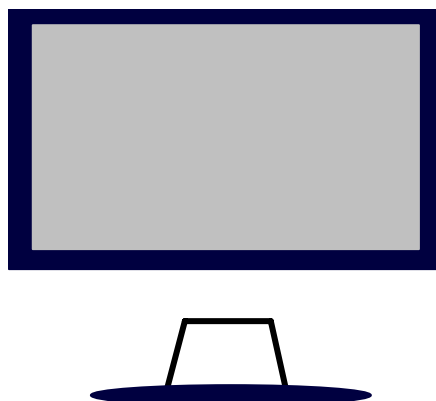## *STAND INSTALLATION*

EN

Wall Mount: Horizontal installation

(1) Secure the wall brackets with the bolts (not provided as parts of the product, must purchase separately) on the wall. Match the height of the bracket that is mounted on the wall. The wall bracket is of normal dimension. Please see the position of the wall brackets bolts as follow picture .The actual dimension of the wall brackets bolt should according to the products. Detailed installation instructions are available from your dealer; see the optional Tilt Wall Mounting Bracket Installation and Setup Guide.
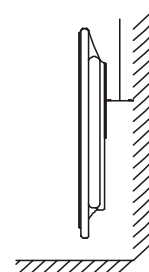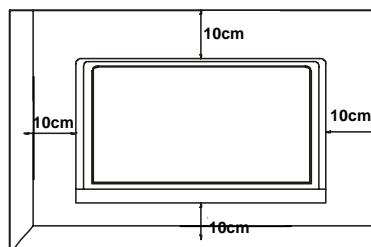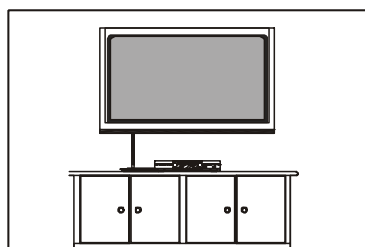
The wall brackets bolt position

(2) Remove the table stand of the TV when install the TV on a wall as follow:

(3) For proper ventilation, allow a clearance of 10cm on each side from the wall.

INSTALLATION

STAND INSTALLATION

(1) Keep the TV stand when installing.

(2)Don't set the TV set on shelves, carpets, beds, or closets.

(3)Don't cover the TV with curtain or paper.

(4) Avoid the following methods:

Interfere ventilation   Interfere ventilation
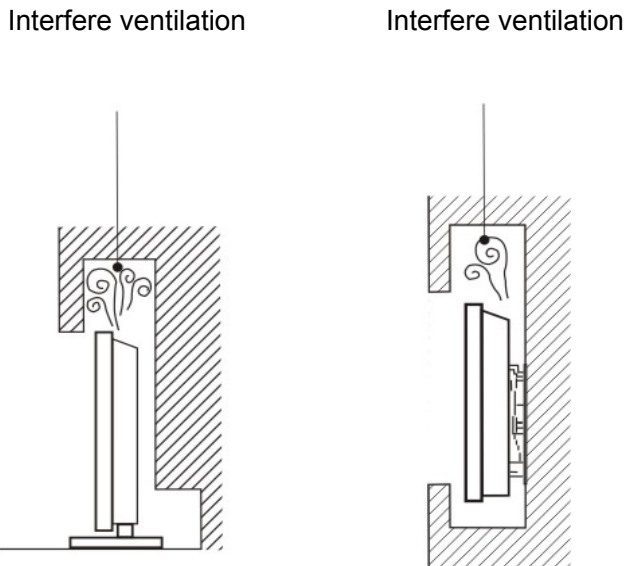
QUICK GUIDE

First Installation

The installation assistant starts automatically when the device is being switched on for the first time.

1. Choose the desired option in the menu using the ▼/▲ buttons.
2. Change the settings using the ◄/► buttons.
3. You can choose among the following settings:

Country   Where you scan for channels
Language   OSD Language
Delete Program Search
Analogue Program Search
Delete Digital Program
Digital Program Search

First Time Installation	
Country	◄ Geramny ►
Language	English
Delete Analog Program	☑
Analog Progran Search	☑
Delete Digital Program	☑
Digital Program Search	☑
OK	Cancel
↑↓ Select ↔ Adjust	
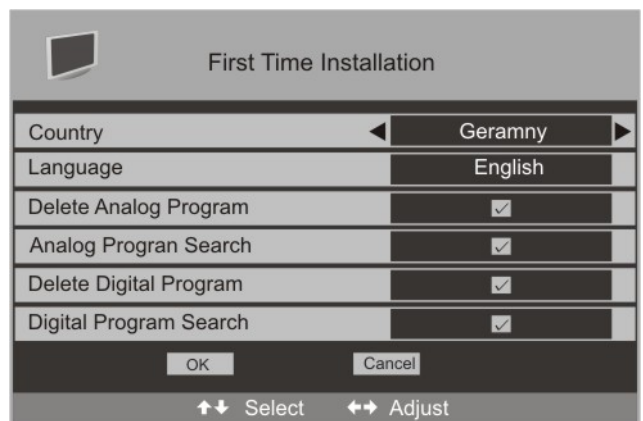
4. Now, press the OK button and confirm pressing the ENTER button. Upon this, the chosen settings will be executed.

NOTE: The standard language is English. The options are marked during the first installation.

INSTALLATION

EN

Change the language setting

1. Press the LCD menu button of the remote control and choose FUNCTION. Press once the ◄ -button.
2. Choose the option LANGUAGE. Use the ▼/▲ buttons.
3. Change the language using the ◄ / ► buttons.

Repeat first installation routine

1. Press LCD menu button of the remote control and choose FUNCTION. For this, press once the ◄ -button.
2. Afterwards, choose the option "FIRST TIME INSTALLAION" using the ▼/▲ -buttons.

Follow the instructions given under FIRST TIME INSTALLATION.

NOTE: There are no markers. Mark the desired options.

IMPORTANT BUTTONS

MUTE
LCD MENU   open the menu
EXIT   leave menu, EPG or TELETEXT
INPUT   choose signal source
          TV: analogue TV (cable TV)   **DVB-T:** DVB-T
ENTER   Confirm chosen options, open program list
ASPECT   change format

NOTE:

Please make sure that DVB-T coverage is available for your area. DVB-T radio in particular is very limited and not available in most locations.

Depending on your region and building structure, a stronger antenna might be necessary in order to receive DVB-T stations. Metal buildings and the geographic location of the transponder may have a strong effect on the available signal strength. Please note that this is not a device defect, but particularities of the reception of DVB-T.

Appropriate antennas may be obtained from your local electronics dealer.

CONNECTIONS & SETUP

- To prevent the equipment damage, never plug in any power cords until

  you have finished connecting all equipment.

ANTENNA CONNECTION

- For optimum picture quality, adjust antenna direction.

- An antenna cable and converter are not supplied.

Multi-family Dwellings/Apartments
(Connect to wall antenna socket)

Wall Antenna Socket

ANTENNA IN

RF Coaxial Wire (75 ohm)

VHF Antenna
UHF Antenna

Turn clockwise to tighten.

Outdoor Antenna

Single-family Dwellings /Houses
(Connect to wall jack for outdoor antenna)
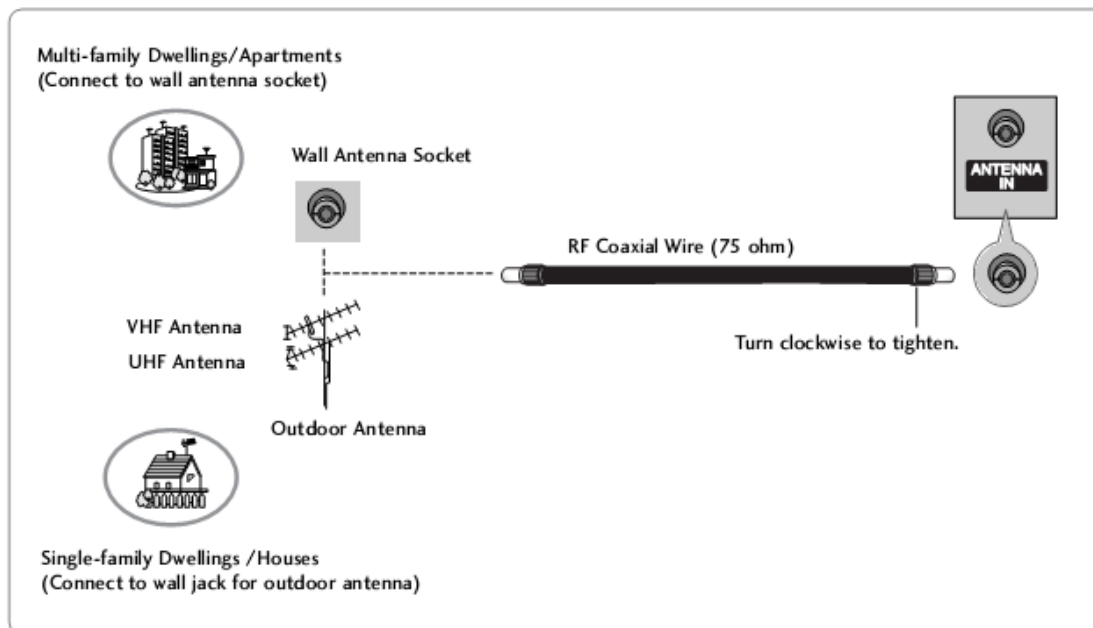
CONNECTIONS & SETUP

ANTENNA CONNECTION

- In poor signal areas, to get better picture quality, install a signal amplifier to the antenna as shown below.
- If signal needs to be split for two TVs, use an antenna signal splitter for connection.
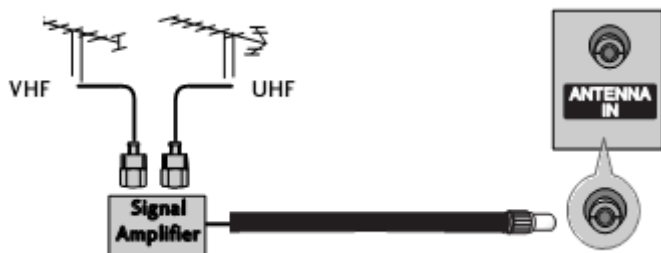
	NOTE:
⚠	You are able to use analogue TV (Cable TV) or DVB-T as signal source.
	For DVB-T (DTT) reception insure that the service is available for your area. DVB-T radio in particular is very limited and not available in most locations.
	Depending on your region and building structure, a stronger antenna may be requires in order to receive DVB-T stations. Metal buildings and the geographic location of the transponder may have a strong effect on the reception. Please note that this is not a device defect; merely specific specifications for the reception of DVB-T.
	Appropriate antennas may be obtained from your local specialty stores.

CONNECTIONS & SETUP

DVD CONNECTION

When connecting with a component cable

1. Connect the video outputs (Y, PB, PR) of the DVD to the YPbPr jacks on the set
2. Connect the audio outputs of the DVD to the Audio Input jack on the set.
3. Turn on the DVD player, insert a DVD.
4. Select YPbPr source with using the SOURCE button on the remote control
5. Refer to the DVD player's manual for operating instructions
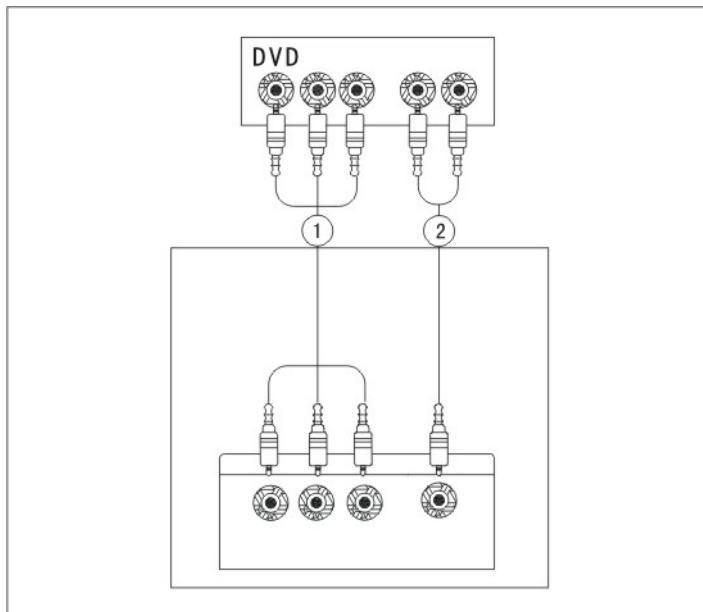
CONNECTIONS & SETUP

DVD CONNECTION

When connecting with a S-Video cable

1. Connect the S-VIDEO output of the DVD to the S-VIDEO input on the set.

2. Connect the audio outputs of the DVD to the Audio Input jack on the set.

3. Turn on the DVD player, insert a DVD

4. Select S-VIDEO source with using the SOURCE button on the remote control.

5. Refer to the DVD player's manual for operating instructions
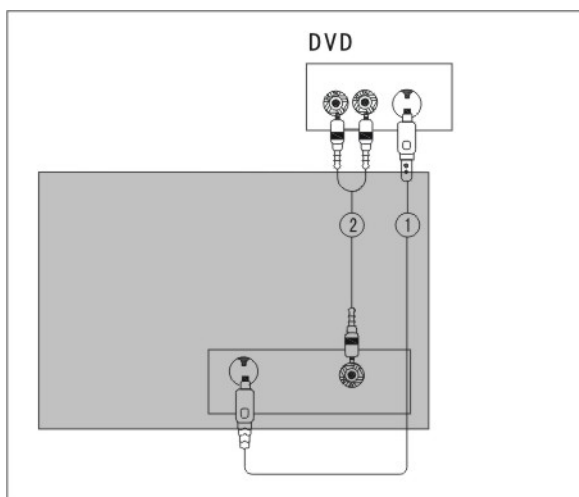
When connecting with a HDMI cable

1. Connect the HDMI output of the DVD to the HDMI Input jack on the set.

2. Select HDMI source with using the SOURCE button on the remote control

3. Refer to the DVD player's manual for operating instructions.
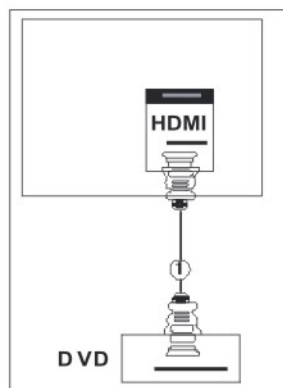
> **i** HDMI provides both audio and video signals and typically provides superior image quality to component or S-Video.

CONNECTIONS & SETUP

PC CONNECTION

When connecting with a D-sub 15 pin cable

1. Connect the RGB output of the PC to the PC VGA Input jack on the set.

2. Connect the audio outputs of the PC to the PC Audio Input jack on the set.

3. Turn on the PC and the set

4. Select PC source with using the SOURCE button on the remote control.

5. Refer to the PC manual for operating instructions.

BASIC OPERATION
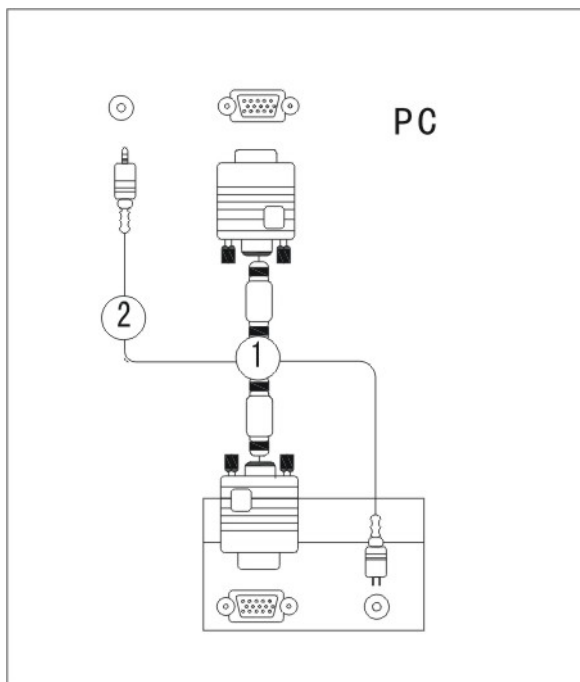
TURNING THE TV ON

EN

If your TV will be turned on, you will be able to use its features.

Turning on the TV
First, connect power cord correctly. When the indicator
illuminates red is standby mode.
Press the ⏻ button on the remote control then the indicator
illuminates orange,after the TV initialization finished,the
indicator turns to green.It means the TV is in power mode.
When you press the ⏻ button on the remote control once again,
the power/stand-by Indicator illuminates red in standby mode.
If you intend to be away on vacation, disconnect the power
plug from wall power outlet.

VOLUME ADJUSTMENT

1. Press the VOL +/VOL- button on the control panel or the ◄ / ►
   button on the remote control to adjust the volume.
2. If you want to switch the sound off, press the   🔇   button on
   the remote control.
3. You can cancel this function by pressing the   🔇   , button or
   the ◄ / ► button on the remote control.

PROGRAM SELECTION

Press the CH +/CH- button on the control panel or the Numerical

buttons or the ▼ / ▲ button to select a program number.

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BASIC OPERATION

SLEEP TIMER

You don't have to remember to switch the set off before you go to sleep.

The sleep timer automatically switches the set to standby after the
preset time has elapsed.

Press the SLEEP button on the remote control repeatedly
to select the number of minutes.
The display will appear on the screen followed by close,
015,30,45 ,60,75,90,105and 120 minutes.

	15 min.

RETURN FUNCTION

When you are looking TV programs ,you can press the ⟲ button on
the remote control to return to the previous channel.

BASIC OPERATION

SOURCE INPUT SWITCH

EN

1. Press SOURCE button on the remote control to the source menu.

   The source menu rank as: TV - SCART - S-VIDEO - YPbPr - VGA - HDMI - DTV ;

2. Press▼ / ▲ button on the remote control to select the source in the menu.

   When the bar became red means the covering source selected.

```
TV
SCART
S-VIDEO
YPbPr
VGA
HDMI
DTV
```
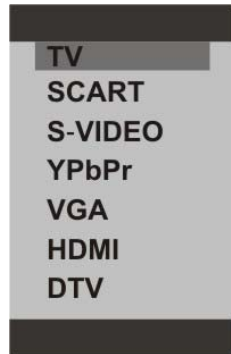
OSD OPERATION

HOW TO USE THE OSD (On Screen Display)

The OSD (On Screen Display) function enables you to adjust the screen status conveniently since it provides graphical presentation.
In this manual, the OSD (On Screen Display) may be different from your TV's because it is just example to help the TV operation.

Press the MENU ◄ / ► , ▼ / ▲buttons on the remote control to adjust or set

up the pictures, sound, program channel ,PC signal source ,etc .of the TV.
Please refer to the interrelated menu operation.

Note : The "MENU","VOL+/VOL-"," CH+/CH-" buttons on the control panel and the

MENU ◄ / ► , ▼ / ▲buttons on the remote control are of the same function .

Here only signed as MENU◄ / ► , ▼ / ▲ on the remote control

VIDEO MENU OPTIONS

Press MENU button on the control panel or LCD-MENU on the remote control to display the main menu.

PICTURE	
PictureMode	Standard
Contrast	50
Brightness ◄	50 ►
Colour	50
Tint	0
Sharpness	Normal
▲▼ Select	◄► Adjust
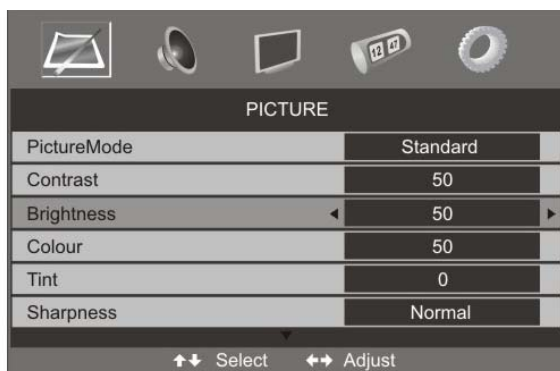
1. Press ◄ / ► button to select PICTURE in the main menu.
2. Press ▼ / ▲ button to select the option that you want to adjust
   in the PICTURE menu.
3. Press ◄ / ► button to adjust.

4. When you are satisfied with your adjustment, press the LCD-MENU button to
   return to the previous menu or press the EXIT button to exit the main menu.

i	Adjusting Tint is only available under NTSC signal mode.

OSD OPERATION

VIDEO MENU OPTIONS

EN

Picture Mode
Select Picture Mode in PICTURE menu. (Available picture mode: Standard, Personal, Movie, Sport, Mild, Game.)

If you change the value of Contrast, Brightness, Colour, Tint , Sharpness or Colour temperature on the picture menu, the picture mode will be changed to "Personal" automatically.

NOTE: You can press PMODE button on the remote control to select the Picture Mode directly.

Contrast

Press ▼ / ▲ button and then use ◄ / ► to adjust the contrast of the picture.

Contrast	28
◄	►

After adjust the value you want, press LCD-MENU button to return to the preview MENU.

Brightness

Press ▼ / ▲ button and then use ◄ / ► to adjust the brightness of the picture.

OSD OPERATION

VIDEO MENU OPTIONS

Colour

Press ▼ / ▲ button and then use ◄ / ► to adjust the colour saturation.

NOTE: This option is invalid in PC mode, and it will be shown in gray.

Tint

Press ▼ / ▲ button and then use ◄ / ► to adjust the tone of colour when your

system is in NTSC.

Sharpness
Press ◄ / ► to select the sharpness mode of your TV.
(Available Sharpness Mode: Normal,Sharp, Sharpest, Softest, Soft.)

Colour temperature
Select an optimum colour temperature mode to suit your
eyes for viewing among Normal, Warm and Cold.
NOTE: This option is available only in PC mode.

DNR (Digital Noise Reduction)
If the broadcast signal received is weak, you can select
the DNR option to reduce the video noise level between
Off, Low,Mid and High.
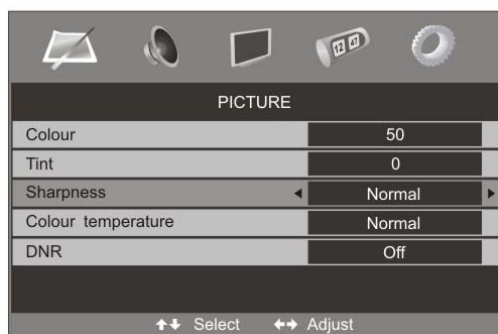
PICTURE	
Colour	50
Tint	0
Sharpness	◄ Normal ►
Colour temperature	Normal
DNR	Off

↑↓ Select   ↔ Adjust

OSD OPERATION

AUDIO MENU OPTIONS

EN

Press MENU button on the front panel or LCD-MENU on the remote control to display the main menu.

SOUND		
Volume	◄	25 ►
SoundMode		Personal
Bass		50
Treble		50
Balance		50

↑↓ Select   ←→ Adjust

1. Press the ◄ / ► button to select SOUND in the main menu.

2. Press the ▼ / ▲ button to select the option that you want to adjust

   in the SOUND menu.
3. Press the ◄ / ► button to adjust.
4. When you are satisfied with your adjustment, press the LCD-MENU button to
   return to the previous menu or press the EXIT button to exit the main menu.

Volume

Press ▼ / ▲ button and then use ◄ / ► to adjust the sound level.

Volume	28
◄	►

After adjust the value you want, press LCD-MENU button to return to the preview MENU.

OSD OPERATION

AUDIO MENU OPTIONS

EN

Sound Mode

Select Sound Mode in SOUND menu. (Available sound mode:

Peraonal, Voice, Music, Theatre.)

If you change the value of Bass and Treble on the Sound menu, the sound mode

will be changed to "Personal" automatically.

You may select the sound mode directly by pressing SMODE button .

NOTE: You can press SMODE button on the remote control to select

the Sound Mode directly.

Bass

Press ▼ / ▲ button and then use ◄ / ► to increase or decrease the level of the

lower-pitched sounds.

Treble

Press ▼ / ▲ button and then use ◄ / ► to increase or decrease the level of the

higher-pitched sounds.

Balance

Press ▼ / ▲ button and then use ◄ / ► to adjust the audio output between left

and right speakers.

OSD OPERATION

SETUP MENU OPTIONS

Press MENU button on the front panel or LCD-MENU on the remote control to display the main menu.
NOTE:SETUP menus are different for different input sources, if the input source is selected HDMI/YPbPr/VGA and there are no relative input signal,
SETUP menu will be unavailable.

SETUP menu of TV input:

SETUP	
Courtry	Germany
Auto tuning	⇨
Manual tuning	⇨
Program Edit	⇨

⬆⬇ Select   ⬅➡ Enter

1. Press the ◄ / ► button to select SETUP in the main menu.

2. Press the ▼ / ▲ button to select your option what you want to adjust

 in the SETUP menu.

3. Press the ◄ / ► button to adjust.

4. When you are satisfied with your adjustment, press the LCD-MENU button to
 return to the previous menu or press the EXIT button to exit the main menu.

OSD OPERATION

SETUP MENU OPTIONS

Country

This option allows you to select the country.

Auto tuning

This option allows you to tune the channels that can be received automatically.

Note: Before you perform Auto Tuning, you must choose the country
where you are by selecting COUNTRY option.

```
                   Auto Tuning

              ⓘ Press Enter Key to Start.


  ENTER Enter    MENU Return
```

Press ENTER key to start.

1. Press▲and▼to select Auto Tuning   in the SETUP menu.

2. Press◄and►to perform your selection.
3. Press ENTER to start Auto Tuning as below:
4. During searching, you can press EXIT to stop tuning at any moment, and
   return to the previous menu.

```
                   Auto Tuning
  Searching  [        ]
  ATV        5                    077.25MHz
  MENU  Exit
```
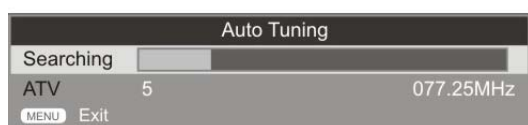
You can press LCD-MENU button to stop auto tuning and close the OSD menu.

OSD OPERATION

SETUP MENU OPTIONS

EN

Manual Tuning

This option allows you to perform Manual Tuning.

Note: Before you perform Manual Tuning, you must choose the country
    where you are by selecting Country option.

1. Press ◄ / ► to select Manual tuning in SETUP menu.

2. Press ▼ / ▲ to perform your selection, the menu of Manual tuning will

 display on the screen.

Manual tuning		
Program	◄ 1	►
Sound System	BG	
Colour System	PAL	
Program Lable		
AFT	Off	
ManualSearch	077.25MHz	

↓↑ Select   ↔ Adjust 0-9 Input
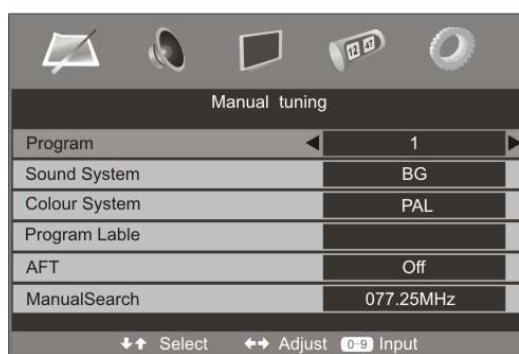
Program
The current program number. Press ◄ / ► to select the upper or lower program.

Sound System
Press ◄ / ► to select a corresponding sound system, such as BG/I/DK/ L/L'.

Color System
Press ◄ / ► to select a corresponding colour system, such as PAL/SECAM.

OSD OPERATION

SETUP MENU OPTIONS

Program Lable

This option allows you to name a channel, you can also rename the program
which you have named.

1. Select a channel to be named.

2. Press ◄ and ► to select Manual tuning in SETUP menu.

3. Press ▲ and ▼ to perform your selection, the menu of program label
   will display as below

Program Label	◄	12_	►

4. Press the numeric buttons to input the numbers directly or press▲and ▼to

   select the letters.

5. Press ◄ and ► to move the cursor.

6. Press MENU to return to previous menu or press EXIT to exit.

AFT

Due to weak signals or a wrong antenna configuration, some of   the channels may
not be tuned to the best reception condition.   AFT function allows you to fine tune
channel selected (the frequency of channel is around the value in   Manual Search option.

Manual Search

Manual Search	◄	225. 00	MHz	►

This option has two functions:

1. Set the frequency of channel for AFT option.
2. Press ► button for 3+ seconds and it will start auto tuning from this frequency.

OSD OPERATION

SETUP MENU OPTIONS

1. Press ▲ and ▼ to select Program Edit in SETUP menu.
2. Press ▲ and ▼ to enter into the sub menu, a channel list will display.
3. Press ▲ and ▼ to select the channel in the list which you would like to sort.
4. Press ▶ to perform your selection.
5. Press ▲ and ▼ to select the location you would like to place the channel.
6. Press ◀ to perform you selection.

After completed, press MENU to return to the previous menu or press EXIT to exit.

SETUP menu of VGA input (for setting the PC picture position):
NOTE: SETUP menu will be unavailable if there is no VGA signal input.

PC Position	
Auto Sync	Begin
Phase	51
Clock	50
H Position	50
V Position	50
Position Reset	⟳

⬆⬇ Select   ⬅➡ Adjust
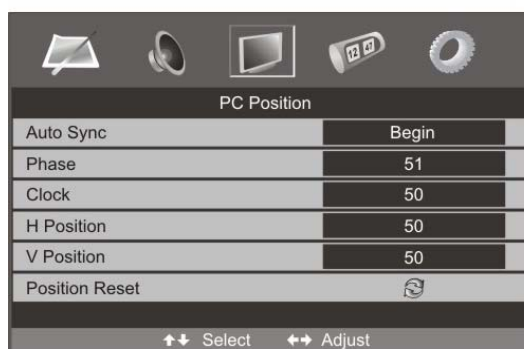
OSD OPERATION

SETUP MENU OPTIONS

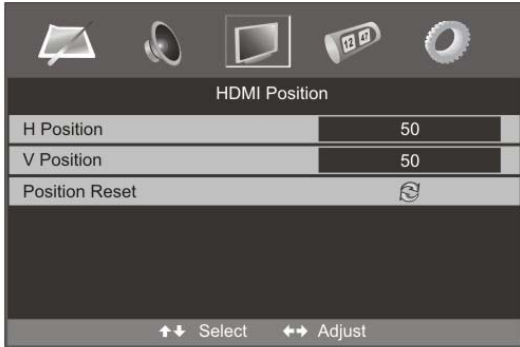SETUP menu of HDMI input (for setting the HDMI picture position):
NOTE: SETUP menu will be unavailable if there is no HDMI signal input.

SETUP menu of YPbPr input (for setting the YPbPr picture position):
NOTE: SETUP menu will be unavailable if there is no YPbPr signal input.

OSD OPERATION

TIMER MENU OPTIONS

Press MENU button on the control panel or LCD-MENU on the remote control to display the main menu.

1. Select TIMER in the main menu.
2. Select your option what you want to adjust in the TIMER menu.
3. Press the ◄ / ► button to adjust.
4. When you are satisfied with your adjustment, press the LCD-MENU button to return to the previous menu or press the EXIT button to exit the main menu.

Sleep Timer
Select the sleep time to put automatically the TV in standby mode.
Timer can be selected as 0min, 15min, 30min,45min, 60min,75min,90min,105min, 120min. Also you can select the sleep time by pressing SLEEP button repeatedly.
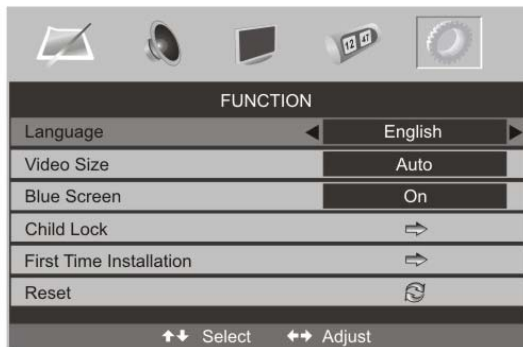
OSD Timer
You can select the time when the OSD display on the screen such as: 5Sec,10Sec, 15Sec,20Sec,25Sec,30Sec.

OSD OPERATION

FUNCTION MENU OPTIONS

Press MENU button on the control panel or LCD-MENU on the remote control to display the main menu.

FUNCTION		
Language	◀ English ▶	
Video Size	Auto	
Blue Screen	On	
Child Lock	⇨	
First Time Installation	⇨	
Reset	↻	

↑↓ Select   ←→ Adjust

1. Press the ◀ / ▶ button to select FUNCTION in the main menu.
2. Press the ▼ / ▲ button to select your option what you want to adjust in the FUNCTION menu.
3. Press the ◀ / ▶ button to adjust.
4. When you are satisfied with your adjustment, press the LCD-MENU button to return to the previous menu or press the EXIT button to exit the main menu.

Language
This option allows you to select the language of OSD (on screen display) by pressing ◀ and ▶ Such as English/ Francais/ Deutsch/ Italiano/ Espanol/ Spain/ Portuguese.

Video Size
This option allows you to select the screen display mode which best corresponds to your viewing requirements.
Note: The available aspect mode may be different in different input signal.

Blue screen
This option allows you to select the blue background on or off. If on, the screen background will turn blue at very weak or no signal condition.

OSD OPERATION

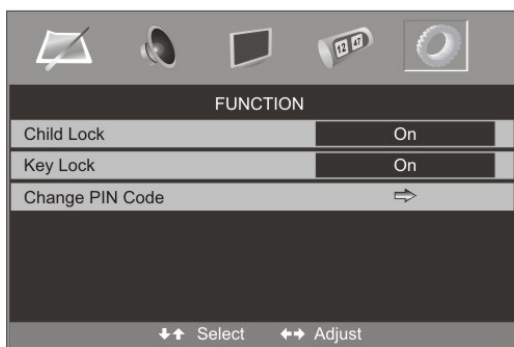## *FUNCTION MENU OPTIONS*

Child Lock

Press ENTER or ► button to set the child lock.
You need to enter the PIN code if the Child lock is set "on", and the default PIN
code is empty, you can press ENTER button directly to enter.

NOTE: The administrator's password is 4711.

Child Lock

Press ENTER or ► button to set the child lock.

Key Lock

Press ENTER or ► button to set the key lock.

OSD OPERATION

FUNCTION MENU OPTIONS

Change PIN Code

Press ► button to enter Change PIN Code menu.
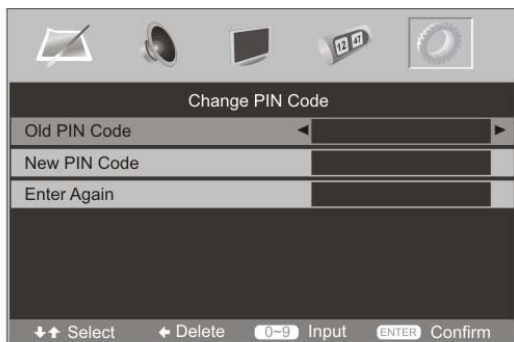
Old PIN Code

Press 0~9 buttons to enter the correct old PIN code, you can not change the PIN code if you entered a wrong PIN code.

New PIN Code

Press 0-9 buttons to enter the PIN code you entered in the New

PIN Code

menu again to confirm the new PIN code.

First Time Installation

Press ► button to open the first time installation menu and the operation of this menu is in page 3.

Reset

Press ENTER or ► button to reset the TV to the factory default.

OSD OPERATION

FIRST TIME INSTALLATION

EN

If this is the first time you power on the TV and there are no programs in the TV memory, the First Time Installation menu will appear in the display.
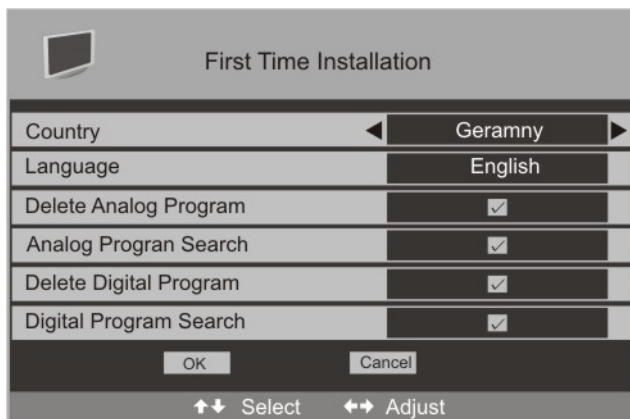
Country

Press ▼ and ▲ button and then use ◄ and ►to select the country.

Language

Press ▼ and ▲ button and then use ◄ and ►to select the OSD language.

Delete Analog Program

Press ▼ and ▲ button and then use ◄ and ►to select whether to delete all

the analog programs.

Analog Program Search

Press ▼ and ▲ button and then use ◄ and ►to select whether to start

searching analog programs.

OSD OPERATION

FIRST TIME INSTALLATION

Delete Digital Program

Press ▼ and ▲ button and then use ◄ and ►to select whether to delete all the

digital programs.

Digital Program Search

Press ▼ and ▲ button and then use ◄ and ►to select whether to start searching
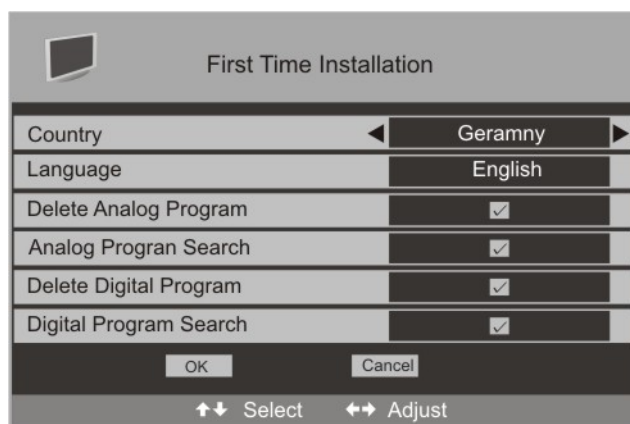
digital programs.

After setting the items select OK to finish the first time installation or select cancel
to exit this menu. If you cancelled the first time installation it will remind you whether
to set the first time installation next time.

---

i   Please allow a few minutes for this feature to scan the entire range of available
channels to insure accurate programming of available channels.

---

i   **Note**

To avoid distortion, it may me necessary to switch the display to 4:3 or 16:9 which
ever best suites the current station.
Please note that movies using the 21:9 format may cause black margins on the
upper and lower margins of the display.

OSD OPERATION

DVB OPERATION

Channel List options

Press ENTER button to open the Channel List, then Press ▾ / ▴ to select the

channel you want to watch.

Favorite List options

Press FAV button to open the Channel List, then Press ▾ / ▴ to select the

channel you want to watch.

NOTE: Only the channels that you selected to FAV in Program Edit Menu
   could be displayed in favorite List.

OSD OPERATION

DVB OPERATION

Channel Search options

		SETUP		
Country			UK	
Autotuning			⇨	
Manual tuning			⇨	
Program Edit			⇨	
	↓↑ Select		➡ Enter	

1. Press the ◄ / ► button to select SETUP in the main menu.

2. Press the ▼ / ▲ button to select your option what you want to adjust in the SETUP menu.

3. Press the ◄ / ► button to adjust.

4. When you are satisfied with your adjustment, press the LCD-MENU button to return to the previous menu or press the EXIT button to exit the main menu.

	Manual tuning		
Channel	◄	2	►
Start Search		Begin	
Service Found		1	
Signal Quality		0%	
Signal Strength		0%	
Frequency		50.50 Mhz	
↑↓ Select	◄➡ Adjust		

Press ▼ / ▲ button to select Manual Search, Press ENTER or ► button to set the Manual Tuning.

Channel

The current channel number. Press ◄ / ► to select the upper or lower channel, press 0~9 to select the channel directly.

Start Search

To select whether to start searching in begin/searching/finished.

OSD OPERATION

DVB OPERATION

Service Found
The services be found.

Signal Quality
The signal quality of current channel.

Signal Strength
The signal strength of current channel.

Frequency
The frequency of current channel.

Program Edit
This function allows you to edit the DTV programs according to your preferences, as following:
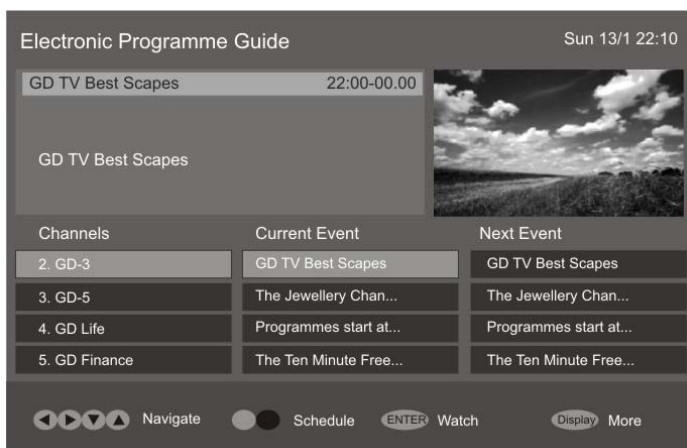
OSD OPERATION

DVB OPERATION

EPG Menu

Press EPG button on the remote control to display the EPG menu directly as below:

▲ ▶ ▼ ◀ Buttons	Select channel or program.
Yellow Button	Open Time Table 1 (Different programs and stations)
Blue Button	Open Time Table 2 (One station and different programs)
Display Button	Navigation information's
Exit	Exit EPG

Time Table 1

Red Button	2 hours before
Green Button	2 hours later
Yellow Button	Previous Day
Blue Button	Next Day

Time Table 2

Red Button	Zoom out the current view
Green Button	Zoom in the current view
Yellow Button	Previous Day
Blue Button	Next Day

TROUBLESHOOTING

Carry out the problem-solving measures described in the following section before contacting Customer Support. Turn off the device immediately as soon as you suspect a malfunction and unplug the power plug. Do not attempt to repair the device yourself.

| SYMPTOM	CHECK ITEM
LCD screen stays dark.	Make sure the unit is turned on and the connections are correct. Make sure the power adapter is correctly connected
There is no sound	Make sure system connection is correct. Make sure the power of speakers is turned on.
There is no picture or picture move up and down unsteady.	Check if the connections with the external AV signal source are correct. Correctly set the items in the picture menu. Check if the video type input signal is not corresponding to the unit. Make sure the unit is turned on and in correct video type.
The remote control does not work.	Make sure there are no obstructions between the remote control and the player. Make sure the remote control is pointing at the player. Make sure batteries are inserted or the polarity is correct. Make sure battery is not weak. Replace the weak battery.

Other Notes:

Static or other external interfere may cause the player to behave abnormally. In this occurs, unplug the power-supply cord from the outlet and plug it in again to reset the player. If the problems persist, then please disconnect the power and consult a qualified technician.

SPECIFICATIONS

TFT-LCD Screen Size	22 inches
Power	AC100 ~ 240V , 50/60Hz DC 12V 5A
Power Consumption	< 60 W < 1W (Standby)
Ambient temperature	5 … 35 °C

DESIGN AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.
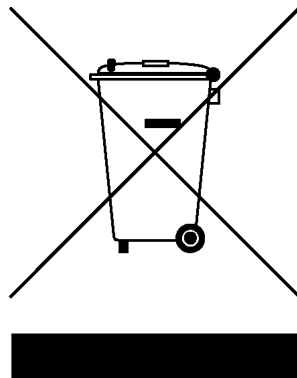
AXDIA International GmbH
47877 Willich | Germany

WARRANTY CONDITION

The following conditions comprise the requirements and scope of our warranty conditions and do not affect our legal and contractual

warranty obligations.

EN

We offer a warranty on our products in accordance with the following conditions:

1. Odys products are covered by a 24 month warranty. We will resolve damages or defects on Odys products free of charge within 12 months of the

   purchase date under the following warranty conditions. For any damage or defect determined later than 12 months after the purchase date, proof of

   a manufacturing fault must be submitted for repair under warranty.

   The warranty does not cover batteries and other parts, which are considered consumables, parts that break easily such as glass or plastic or

   defects based on normal wear and tear. There is no warranty obligation in the event of marginal differences compared to the target appearance

   and workmanship provided these have a negligible effect on the product's fitness for use, in the event of damage caused by chemical or

   electrochemical effects, by water or generally from abnormal conditions.

2. The warranty will be performed in such a way that we shall decide whether to repair the defective parts or to replace them with working parts free of

   charge. AXDIA reserves the right to exchange the product for a replacement product of equal value if the product that is sent in cannot be repaired

   within a reasonable time or at reasonable cost. The product can also be exchanged for a different model of the same value. Requests cannot be

   made for repairs to be carried out on site. Parts that have been replaced or exchanged become our property.

3. The warranty claim does not apply if repairs or other work is carried out by unauthorized persons or if our products are equipped with additional

   parts or accessories that are not approved for our products.

4. Warranties that have been activated do not cause the warranty period to be extended, nor do they trigger a new warranty period. The warranty

   period for any replacement parts installed ends with the warranty period for the entire product.

5. Any other or further claims are excluded, especially those for replacement due to damage caused outside of the product, provided there is no

   obligatory legal liability. We therefore accept no liability for accidental, indirect or other consequential damage of any kind, which leads to usage

   restrictions, data loss, loss of earnings or interruption to business.

Asserting a warranty claim

1. To make use of the warranty service, you must contact the AXDIA Service Center by e-mail, fax or phone (see below for contact details). You can

   also use the service form on our website or on the back of the warranty conditions.

2. AXDIA Service Center will try to diagnose and solve your problem. If it is determined that a warranty claim exists, you will be given an RMA number

   (Return Material Authorization) and you will be asked to send the product to AXDIA.

IMPORTANT: AXDIA will only accept parcels that have an RMA number.

Please observe the following when sending the product:

1. Send the product suitably packaged with carriage and insurance paid. Do not enclose any accessories with the products (no cables, CD's, memory

   cards, manuals, etc.), unless the AXDIA Service Centre specifies otherwise.

2. Mark the RMA number on the outside of the package in such a way that it is visible and clearly legible.

3. You must enclose a copy of the sales slip as proof of purchase.

4. Once AXDIA has received the product, it will meet its warranty obligations in accordance with the warranty conditions and will return the product to

   the sender with carriage and insurance paid.

Service outside of warranty

AXDIA can refuse any service claim made that is not covered by the warranty. If AXDIA agrees to provide a service outside the warranty,
the customer will be invoiced for all repair and transport costs.
AXDIA will not accept any packages that have not first been approved by AXDIA by means of an RMA (Return Material Authorization).