

How to use your LCD TV

Contents and
Safety information

Getting started

Connections

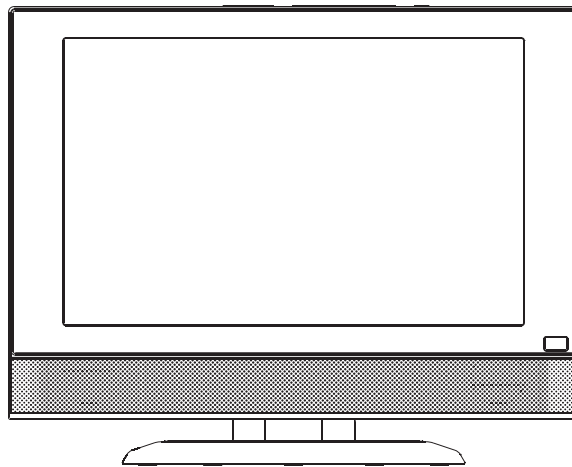
Remote control

Initial setting

Basic operation

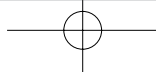
OSD operation

Troubleshooting &
Specifications



LCXW19D5

- Before Attempting to connect, operate or adjust this product, please save and read the Instruction Manual completely.
- The style, parts, and accessories of the product shown in this guide may be different due to various models.
- The design and specifications are subject to change without notice.



Safety Information



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 of electric shock to persons.



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

WARNING:

- TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS TELEVISION TO RAIN OR MOISTURE.
- THE TELEVISION SHOULD NOT BE EXPOSED TO DRIPPING OR SPLASHING AND NO OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THE TELEVISION.

NOTE:

- There are no user serviceable parts inside the television.
- Replaceable parts and part numbers are indicated on back side of this manual..

CAUTION: Adjust only those controls that are covered in the instructions, as improper changes or modifications not expressly approved by qualified technician could void the warranty of the television.

POWER SOURCE

THIS TELEVISION IS DESIGNED TO OPERATE ON 200~240 VOLTS 50Hz, AC CURRENT. INSERT THE POWER CORD INTO A 200~240 VOLTS 50Hz OUTLET.

TO PREVENT ELECTRIC SHOCK, DO NOT USE THE TELEVISION'S (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE, OR OTHER OUTLET UNLESS THE BLADES AND GROUND TERMINAL CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

NEVER CONNECT THE TELEVISION TO 50Hz, DIRECT CURRENT, OR ANYTHING OTHER THAN THE SPECIFIED VOLTAGE.



CAUTION: Never remove the back cover of the television as this can expose you to very high voltages and other hazards. If the television does not operate properly, unplug the television and call your authorized dealer or service center.



HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU.

For more information, please contact the local authority or your retailer where you purchased the product.

Important Safety Instructions

- **Damage**

Never use your TV if it is damaged in any way. Always place your TV on a flat level surface avoiding anywhere which may be subject to strong vibration.

- **Weather**

It is advisable to unplug the aerial during an electrical storm.

- **Temperature**

Avoid extremes of temperature, either hot or cold, place your TV well away from heat sources such as radiators or gas/electric fires.

- **Naked Flames**

Naked flames such as candles and night lights should not be placed on or near your TV.

- **Ornaments**

Vases and other water containers or lamps should not be put on top of your TV set.

- **Moisture**

Do not allow your TV to be exposed to rain, moisture, dust. If any liquid is spilt into your TV it can cause serious damage. If you spill any liquid into your TV switch it off at the mains immediately. Contact your store.

- **Ventilation**

The TV must be well ventilated. Do not cover your TV or place it inside a small confined space. Make sure that there is a gap of at least 10cm on both sides and 20 cm at the top.

- **Interference**

Do not place your TV on or near appliances which may cause electromagnetic interference (TV or Hi-Fi speakers). If you do, it may adversely affect the working of the unit, and cause a distorted picture or sound.

- **Screen Burn**

A characteristic of Plasma and LCD TV Panels is that displaying the same image for a long time may cause a permanent after-image to remain on the screen. This is called screen burn. Most pictures shown on your TV will be constantly moving and fill the screen.

Examples of images that you need to watch out for are as follows (this is not an all-inclusive list):

Black Bars: If black bars appear at the left/right or top/bottom of the screen it is recommended to change the format so that the picture fills the entire screen.

TV Channel Logos: e.g. Shopping channel logos and pricing displays - especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.

Time Displays

Teletext: Do not view a stationary page for long periods of time.

Note: To prevent screen burn if viewing any of the above for long periods of time, reduce contrast and brightness when viewing. Once burn-in occurs it will never disappear completely.

- **Batteries**

Batteries are easily swallowed by young children. Do not allow young children to play with the remote control unit.

- **Covers**

Do not remove any fixed covers as this may expose dangerous voltages.

- **Standby**

The standby button on the remote control doesn't switch off the TV completely and the TV will continue to draw electricity from the mains supply. Therefore in the interests of safety and to avoid unnecessary energy consumption, never leave your TV in standby while unattended for long periods of time, e.g. overnight, while on holiday or while out of the house.

- **Power Cord**

Make sure your TV or TV stand is not resting on top of the power cord, as the weight of the TV may damage the cord and create a safety hazard. Make sure that the mains plug is easily accessible.

- **Packaging**

If you can store the packaging it will prove useful should you need to transport the TV to protect it while it is in transit. Try to reuse packaging wherever you can. If you cannot store it, contact your local authority for details of your nearest recycling facilities.

Precautions

Please read these precautions before operating the unit

■ Power cord protection

To avoid any malfunctions of the unit, and to protect against electric shock, fire or personal injury, please observe the following.

- Hold the plug firmly when connecting or disconnecting the AC power cord.
- Keep the AC power cord away from heating appliances.
- Never put any heavy object on the AC power cord.
- Do not attempt to repair or reconstruct the AC power cord in any way.

■ Placement

Avoid placing the unit in areas of:

- Direct sunlight or heating radiators, or closed automobiles
- High temperature (over 35°C) or high humidity (over 90%)
- Much dust as the internal parts may be seriously damaged.

■ Non-use periods

When the unit is not being used, turn it off. When left unused for a long period of time, the unit should be unplugged from the household AC outlet.

■ No fingers or other objects inside

- Touching internal parts of the unit is dangerous, and may cause serious damage to the unit. Do not attempt to disassemble the unit.
- Do not put any foreign object on the disc tray.

■ Keep away from water/magnet

- Keep the unit away from flower vases, tubs, sinks, etc. If liquids are spilled into the unit, serious damage could occur.
- Never bring a magnet or magnetized object near the unit.

■ Stacking

- Place the unit in a horizontal position, and do not place anything heavy on it.

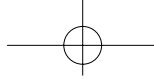
■ Condensation

Moisture may form on the lens in the following conditions:

- Immediately after a heater has been turned on
- In a steamy or very humid room
- When the unit is suddenly moved from a cold environment to a warm one. If moisture forms inside the unit, it may not operate properly. In this case, turn on the power and wait about one hour for the moisture to evaporate.

Proper positioning of this LCD TV

1. Locate the LCD TV in the room where light does not strike the screen directly.
2. Avoid the LCD TV exposes to sunlight and other sources of heat.
3. Make sure enough space for ventilation between TV and wall.
4. Do not cover the ventilator when using the LCD TV.
5. Total darkness or over brightness on the picture screen can cause eyestrain, soft and indirect lighting environment is recommend for watching.
6. Do not use solutions to clear LCD panel such as petroleum, the panel can be cleaned with a damp cloth.
7. The LCD TV adapter is operated on AC 200-240V,50 Hz.



Contents

Safety information	ii
Important Safety Instruction	iii
Precautions	iv
Getting Started	2~3
Connections	4~6
Remote Control	7
-Remote Control Functions	7~8
-Insert Batteries to Remote Control	9
-Remote Control Operation Range	9
TV Initial Settings	10
TV Basic Operation	11
-Setting OSD Language	11
-Setting COLOR System	11
-Setting SOUND System	11
-Switching Input Signals	11
-Changing Channels	11
-Adjusting Sound Volume	11
-Switching TV Aspect Ratio	11
-Setting Sleep Timer	11
Digital TV Operation	12~14
Analog TV Operation	15~16
OSD Operation	17
-Picture Menu (TV/AV/HDMI mode)	17
-Sound Menu (TV/AV/PC/HDMI mode)	18
-Advance Menu (Analog TV mode)	19
-System Menu (TV/AV/PC/HDMI mode)	20
-TV-Channel Menu (TV mode)	21~22
-PC Menu (PC mode)	23
-Geometry Menu (PC mode)	24
Troubleshooting	25
Specifications	26

Contents and
Safety Information

Getting started

Connections

Remote control

Initial setting

Basic operation

OSD operation

Troubleshooting &
Specifications

Getting Started

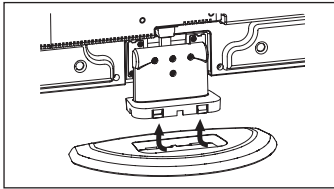
Thank you for you purchasing this LCD TV.
Before you start using this device, please read this Instruction Manual to help you operate this LCD TV.

Package contents

- 19" Widescreen LCD TV
- Attachable Stand Base
- Remote Control (2 AAA batteries included)
- Power lead
- User's manual

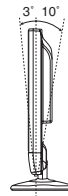
Installing the stand to the LCD TV

Place the stand base on the stand support and gently push the base into the click-in mechanism.



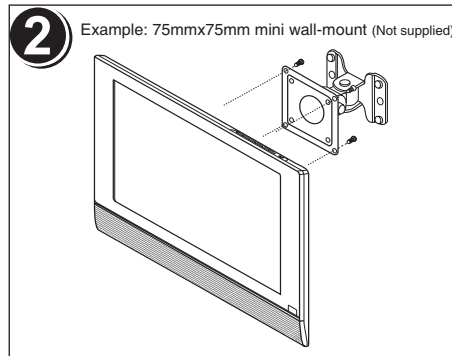
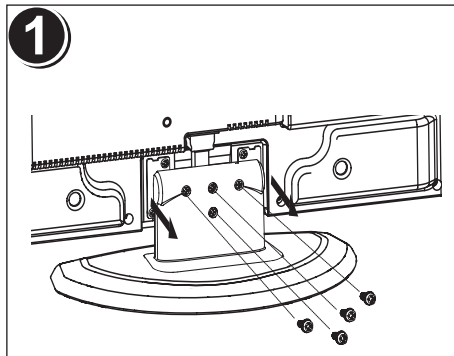
Adjusting the view angle of LCD TV

1. The vertical angle could be adjusted to 3° forward and 10° backward.
2. Hold the LCD TV stand with one hand to prevent slipping when adjusting the angle.



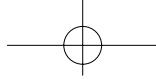
Installing the LCD TV on the wall

1. Unscrew 4 screws of stand cover in the rear cabinet, then pull out the stand as the following shown.
2. Attach the wall-mount kit to the TV. Please refer to the instructions supplied with the additional purchase of wall-mount kit on how to mount the TV on the wall



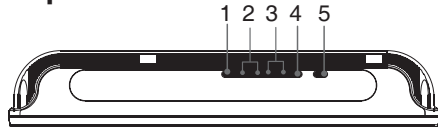
NOTE:

We strongly recommend that this product is installed by qualified personnel with enough skill and competence. Dixons Stores Group cannot assume liabilities for damage caused by mistake in installation, mounting, misuse or modification.

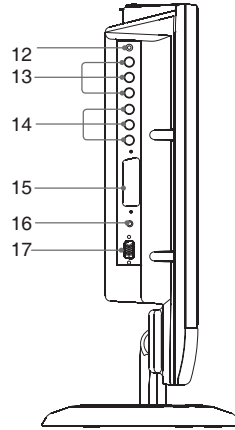


Getting Started

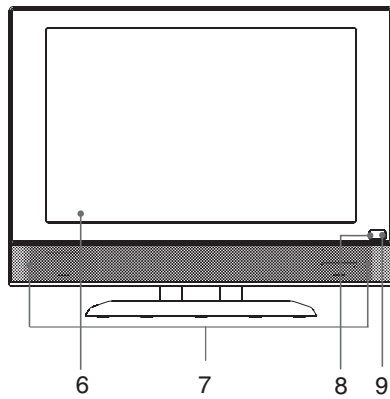
Top



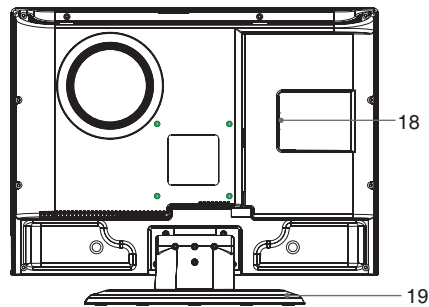
Left



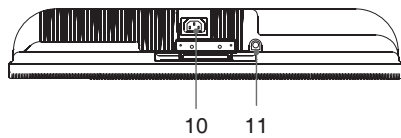
Front



Back



Bottom



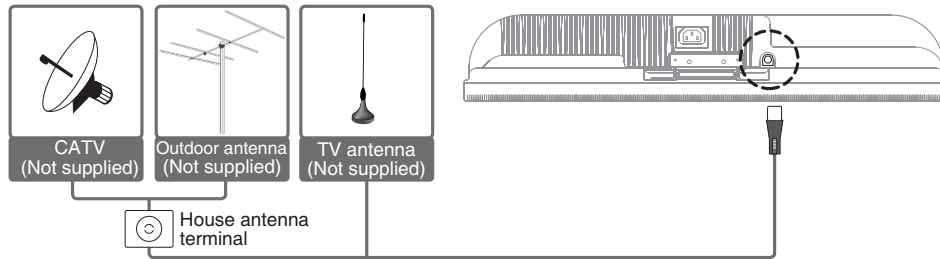
- 1. MENU button
- 2. VOLUME +/- button
- 3. PROGRAM +/- button
- 4. SOURCE button
- 5. STANDBY (⏻) button
- 6. LCD screen
- 7. Speakers
- 8. LED indicator (⏻)
- 9. Remote sensor (Ⓜ)
- 10. Power socket

- 11. Antenna In jack
- 12. EARPHONE jack
- 13. VIDEO/AUDIO IN jacks
- 14. P-SCAN(YPBPR) jack
- 15. SCART IN/OUT jack
- 16. PC AUDIO IN jack
- 17. PC IN jack
- 18. HDMI jack
- *High Definition Multimedia Interface
- 19. Stand

Connections

Antenna connection

- Use only 75-ohm coaxial cable to connect with LCD TV.

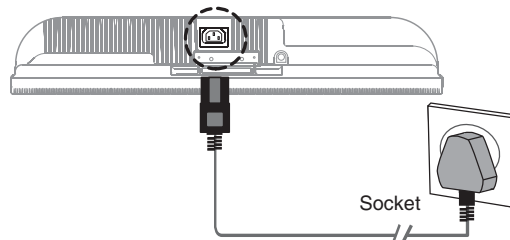


NOTE:

- This model is capable of receiving digital and analog signal with the same antenna
- Some TV antenna connectors have different type and shape, you may purchase additional converter or splitter for this connection, which is available at your local electronics store. If you encounter problems receiving digital signals this may be due to having an inadequate aerial (you may have an old "Analogue" aerial). A replacement "Digital" aerial will be required, contact your local aerial installer for further information.

Connect to Power Cord

- Connect one end of the supplied power cord to LCD TV and the other end to the power socket.
- Unplug the power cord if you do not intend to use this device for a long time.

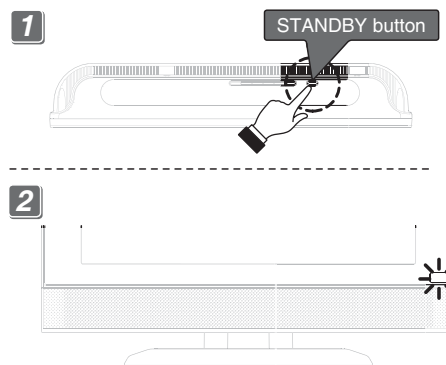


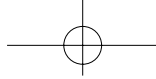
NOTE:

The plug shown in here is only an example. The actual device's plug changes depending on the box.

Turn the Power On

- Press the **STANDBY** button to turn on the TV. The LED indicator will light up in blue.
- To turn off the LCD TV, press **STANDBY** button again. The LED indicator will light up in red.

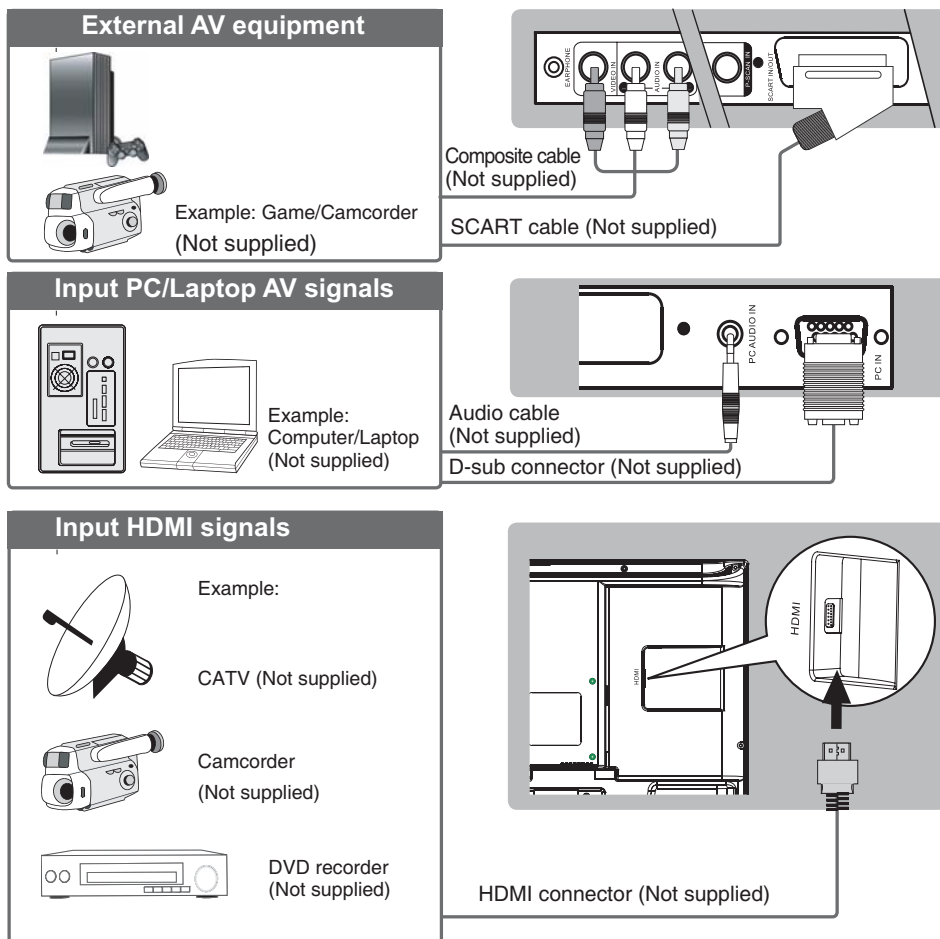




Connections

Input External AV Equipment

- This TV can be connected to several types of external AV equipment like DVD players, VCR etc..
- This device can also be connected to a computer as computer monitor. The computer resolution will be automatically detected when you switch to PC mode. (If the LCD TV does not detect it automatically, you may adjust it manually. Please refer to PC Menu/AUTO for details on page 23)
- This TV can also be connected to several types of HDMI signal equipment like CATV , DVD players, DVI-equipped device etc..



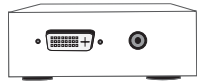
Connections

Connecting to DVI-equipped device via HDMI

Example:

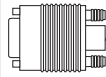
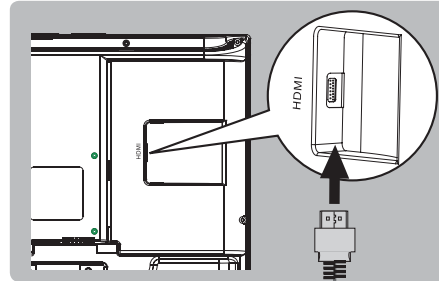


DVD recorder
(Not supplied)

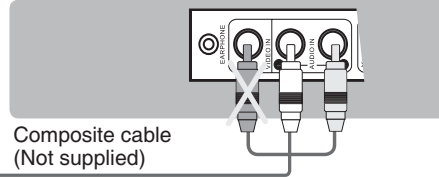


HDTV Set-Top Box
(Not supplied)

Note: Please refer to your HDTV Set-Top Box manual for more information on the video output or check with your cable or satellite provider.



HDMI connector (Not supplied)



Composite cable
(Not supplied)

Output Signal

Besides the input signals, this device also allows you to output signals to other AV equipment.

External earphone



(Not supplied)

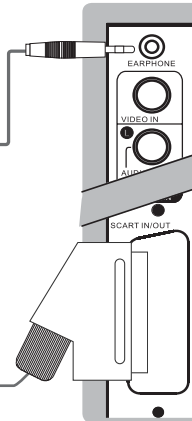
Earphone cable
(Not supplied)

External AV equipment



Example: DVD recorder

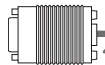
SCART cable
(Not supplied)



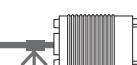
Note:

We suggest to use the VGA cable with a magnetic ring on each end to prevent radio frequency and electro-magnetic interference (EMI/RFI).

To PC/Laptop

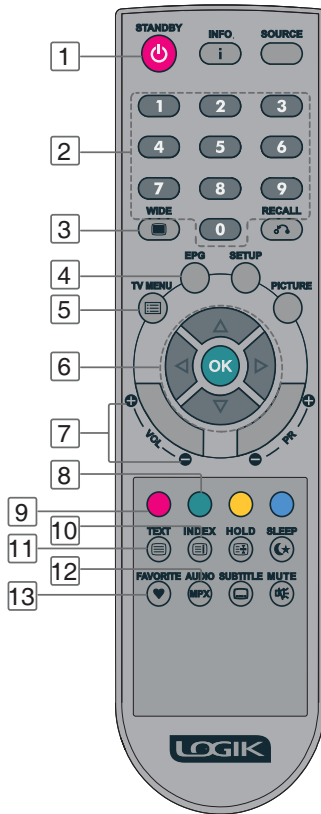


Magnetic ring



To LCD TV

Remote Control



Name	Description
1 STANDBY (⏻)	Press to switch the LCD TV on/off
2 Number	Directly access the channel via press 0-9 buttons
3 WIDE (▭)	Press to switch between panoramic(16:9)/normal(4:3)
4 EPG	Press to access EPG functions (page 14)
5 TV MENU (☰)	Press to setup TV
6 Cursor	▲(Up) ▼(Down) ◀(Left) ▶(Right) Press to select desired item.
OK (OK) button	OK (OK/Confirm/Enter) Press to confirm the selected item.
7 VOL +/- buttons	Press to adjust volume level
8 Green button	Teletext topic selection (page 16)
9 Red button	Teletext topic selection (page 16)
10 INDEX (☰)	Return to index page of teletext
11 TEXT (☰)	Turn on/off teletext /MHEG-5 function
12 AUDIO	Press to access MPX analog/digital TV mode. For more details refer to page 21
13 FAVORITE (♥)	Press to access your favorite program menu (page 16)

Contents and Safety information

Getting started

Connections

Remote control

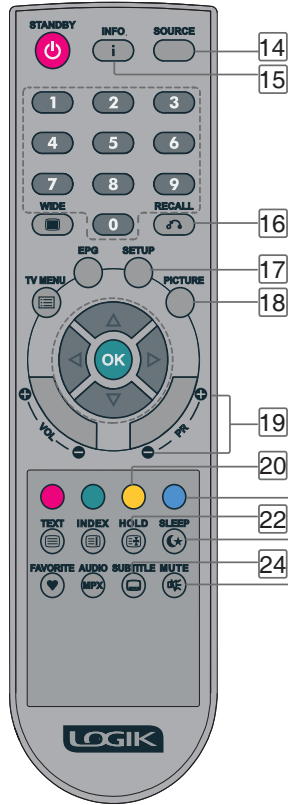
Initial setting

Basic operation

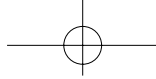
OSD operation

Troubleshooting & Specifications

Remote Control



Name	Description
14 SOURCE	Press to select the source you wish to watch
15 INFO.(i)	Press to view the information about AV source
16 RECALL (↶)	Press to return to the last viewed channel
17 SETUP	Press to access Digital TV main settings page
18 PICTURE	Press to choose your favorite viewing preference(Standard/Dynamic/Soft/Personal)
19 PR+/-	Press to select previous or next channel
20 Yellow button	Teletext topic selection (page 16)
21 Blue button	Teletext topic selection (page 16)
22 HOLD (⏸)	Lock the current page of teletext
23 SLEEP (⌚)	Press to set sleeping timer
24 SUBTITLE (CC)	Setup Digital TV's available subtitle
25 MUTE(🔇)	Press to turn sound on/off



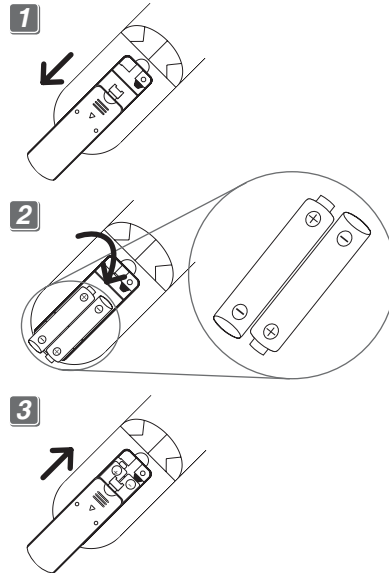
Remote Control

Insert Batteries into Remote Control

1. Remove the battery cover of remote control.
2. Insert 2 AAA batteries in the correct position
3. Replace the battery cover.

NOTE:

- Alkaline batteries are recommended.
- Remove batteries when the remote control is not used for a long time.
- Make sure the batteries are properly aligned according to the (+) and (-) poles.
- For best result, please use same type and brand of batteries.

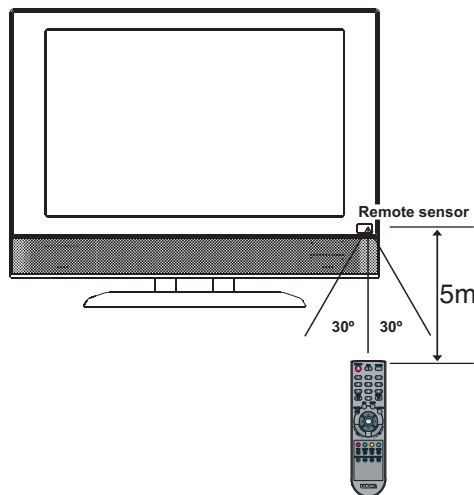


Remote Control Operation Range

- Point the remote control unit no more than 5 meters from the remote control sensor and within 60° of the front of the unit.
- In addition, the operating distance may vary according to the brightness of the room.

NOTE:

- Do not point bright lights at the remote control signal sensor.
- Do not place objects between the remote control unit and the remote control signal sensor.
- Do not use this remote control unit while operating the remote control units of other equipment.



TV Initial Setting

Turning on the LCD TV

1. Plugs the supplied power cord into the power outlet.
2. Press the <STANDBY> button on the top of LCD TV panel, or from remote control.
3. The screen display will appear after a few seconds.
4. To turn off the TV, press <STANDBY> button again.
5. The power indicator lights in blue when power is on, and in red when power is off.

Setting TV Channels

- Before watching TV programs, the TV channel setting is necessary.
- After the aerial has been connected, position it at a proper location that allows good reception.

Searching analog TV channel

1. To search analog TV channels for the first time, press <SOURCE> button, then press ▲▼ button to select the TV.
2. Press (OK) button or <SOURCE> button to enter TV mode.
3. Press <TV MENU> button to display the main menu.
4. Press ◀▶ buttons to select TV-CHANNEL.
5. Press ▼ button to select PROGRAM AREA.

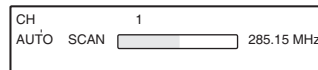


PROGRAM AREA < UK >

6. Press ◀▶ buttons repeatedly to select the country where you are located.
7. Press ▲▼ button to select AUTO SCAN.

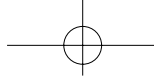
AUTO SCAN >

8. Press ▶, the TV will start to search and store all the channels available in your area. Please wait, this process will take a few minutes.




9. When the auto scan process is complete, you may need to press <TV MENU> or (OK) button twice in order to view the received channels.


Note: If no channel is found, please try to setup your TV system, for details refer to Setting TV system below.



Setting OSD language


1. Press the <TV MENU> button.
2. Press ◀▶ buttons to select  SYSTEM and press ▼ button to LANGUAGE.
3. Press ◀▶ buttons to select the language you want to display.

LANGUAGE < ENGLISH >


4. Press <TV MENU> or  button to confirm settings and press the same button again to leave the setup menu.

Note: Once the language has been selected, all the settings will change to the selected language.


Setting COLOR System

1. Press the <TV MENU> button.
2. Press ◀▶ buttons to select  TV-CHANNEL and press ▼ button to select COLOR SYSTEM.


COLOR SYSTEM < AUTO >

3. Press ◀▶ buttons to select the TV system. It depends on the system is used in your location.
4. Press <TV MENU> or  button to confirm settings and press the same button again to leave the setup menu.

Setting SOUND System

1. Press the <TV MENU> button.
2. Press ◀▶ buttons to select  TV-CHANNEL and press ▼ button to select SOUND SYSTEM.


SOUND SYSTEM. < AUTO >

3. Press ◀▶ buttons to select the SOUND system. It depends on the system is used in your location.
4. Press <TV MENU> or  button to confirm settings and press the same button again to leave the setup menu.

TV Basic Operation

Switching Input Signals

- This LCD TV can input different external signals from AV equipment and PC (TV/AV/SCART/YBPBR/DVB/PC/HDMI).

1. Press <SOURCE> button on the top of the LCD TV or from remote control.
2. Press <▲▼> buttons to select the source you wish to watch
3. Press <SOURCE> button or  button to confirm and leave.

Changing Channels

- Press 0-9 NUMBER buttons on the remote control to input channel's number, the channel will change after few seconds.
- Use the <PR +/-> buttons to switch channels on the remote control or <+PROGRAM-> button on the top panel of the TV.

Adjusting Sound Volume

- Press <VOL +/-> buttons on the remote control or on the top of the TV to increase or decrease the volume level.

Note: To silence the sound, press <MUTE> button. Press <MUTE> button again or <VOL +/-> button to cancel the mute.


Switching TV Aspect Ratio

- Press <WIDE> button to switch Auto, Full (16:10), Normal(4:3), and Panoramic(16:9). You can select your preferred aspect ratio when you watching TV.


Note: Check that the LCD display is consistent with the aspect ratio of the input signals that you are playing. If the picture display is distorted or cannot display properly, please press <WIDE> button to select the correct type.

Setting Sleep Timer

- This function allows you to set up the LCD TV automatically to turn off the power.

1. Press the <TV MENU> button.
2. Press ◀▶ buttons to select  SYSTEM and press ▼ button to SLEEP.

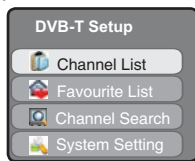
SLEEP < OFF >

3. Press <SLEEP> button to set up sleeping timer. You can set up 30/60/90/120 minutes, each press of <SLEEP> button.
4. Press <TV MENU> or  button to confirm settings and press the same button again to leave the setup menu.

Digital TV Operation

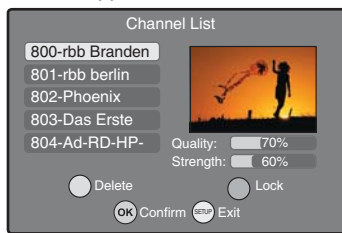
DVB Setup

1. Press **<SOURCE>** button to switch to **DVB** mode.
2. Press **<SETUP>** button to bring up Setup menu.



3 Channel List

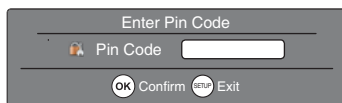
1. Press **▲▼** buttons to select Channel List, then press **(OK)** button. A channel list dialog window will appear on the screen.



2. Press **▲▼** buttons to select the channel, and press **(OK)** button; the TV channel will be displayed on the right screen.

Lock channel

1. Press **▲▼** buttons to select the channel you wish to lock.
2. Press **(Blue)** button to lock.
3. A dialog window will appear on the screen. Enter the 6 digit pin code to lock the channel.



4. Press **(OK)** button to confirm, press **(SETUP)** button to leave setting.

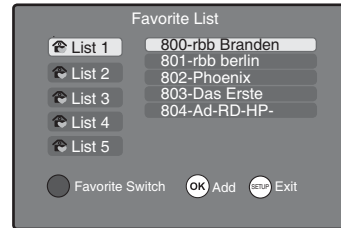
Note: By default, the 6 pin code is 888888. For details refer to [page 13](#).

Delete channel

1. Press **▲▼** buttons to select the channel you wish to delete.
2. Press **(Yellow)** button to delete.

Favorite List

1. Press **▲▼** buttons to select Favorite List, then press **(OK)** button. A channel list dialog window will appear on the screen.



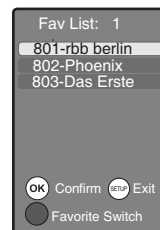
2. Press **(Red)** button to highlight a list you wish to set up.
3. Press **▲▼** buttons to highlight the channel you wish to add into the list.
4. Press **(OK)** button to add the highlighted channel, then an icon will appear to indicate the favorite channel has been added.
5. Repeatedly these steps above to set up more favorite lists.
6. Press **(SETUP) <SETUP>** button to leave Favorite List setting.

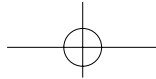
Hot Key

1. Press **(FAVORITE)** button on remote control to bring up the favorite list window.
2. Press **(Red)** button to switch between different favorite lists and press **(OK)** button to confirm.
3. Press **▲▼** button to select the favorite channel you wish to watch and then press **(OK)** button.

Note: Press **(SETUP) <SETUP>** button to exit the Favorite channel menu.

4. Repeatedly these steps above to select other favorite channel you wish to watch.
5. Press **(SETUP) <SETUP>** button to leave favorite window.





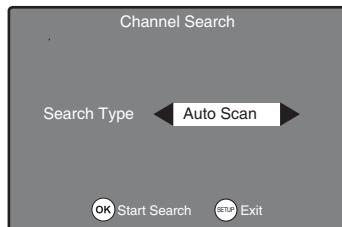
Digital TV Operation

Channel Search

1. Press ▲▼ buttons to select Channel Search, then press (OK) button. A channel search dialog window will appear on the screen.
2. Press ◀▶ buttons to select Auto scan or Manual Scan.

Auto Scan

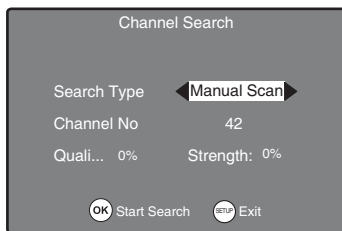
1. Press (OK) button to start search channels automatically.
2. Press (SETUP) <SETUP> button to leave the search.



Manual Scan

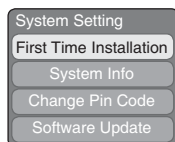
1. Press ▲▼ buttons to highlight Channel No.
2. Press ◀▶ buttons select the channel number you wish to search.
3. Press (OK) button to start search the channel.
4. Press (SETUP) <SETUP> button to leave the search.

Note: When the channel has been searched, the screen will leave the scan window and play the channel.



System Setting

1. Press ▲▼ buttons to select System Setting, then press (OK) button. A system setting dialog window will appear on the screen.



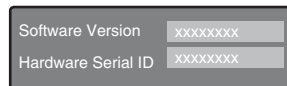
First Time Installation

1. Press ▲▼ buttons to highlight **First Time Installation**, then press (OK) button.
2. A warning dialog window will appear on the screen. Press ◀▶ button to select <Confirm>. This will delete all stored channels and restore to factory default setting. Select <Exit> to leave.



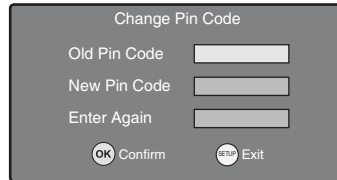
System Info

1. Press ▲▼ buttons to highlight System Info, then press (OK) button to check your software/hardware version.



Change Pin Code

1. Press ▲▼ buttons to highlight **Change Pin Code**, then press (OK) button.



2. Enter the previously set 6-digit password, then press (OK) button.

Note: If you have not set any pin code before, please enter the default code **888888**.

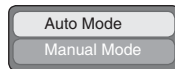
3. Press ▼ button and enter new 6-digit password and then press (OK) button.
4. Press ▼ button and enter the password again to verify and then press (OK) button again.
5. Press (SETUP) <SETUP> button to leave.

Note: If you forget your own pin code, please select **First Time Installation** to restore to the factory default settings.

Digital TV Operation

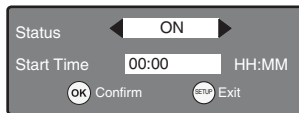
Software Update

1. Press ▲▼ buttons to highlight Software Update, then press (OK) button.
2. Press ▲▼ buttons to highlight Auto Mode or Manual Mode



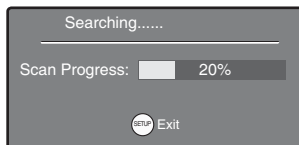
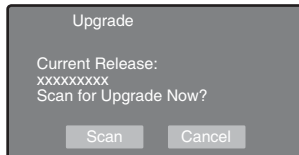
Auto Mode

1. Highlight Auto Mode, then press (OK) button.
2. Press ◀▶ buttons to select Status to ON/OFF.
3. Press ▲▼ buttons to select Status Time.
4. Press number buttons to setup or update the timer in the system when TV is on.



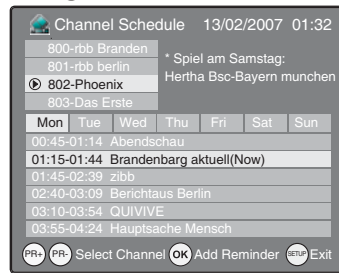
Manual Mode

1. Highlight Manual Mode, then press (OK) button.
2. Press ◀▶ buttons to select "Scan" for update or to select "Cancel" button to leave.



EPG (Electronic Program Guide)

1. Press (EPG)<EPG> to bring up Electronic Program Guide Menu.
2. Press (PR+) (PR-) buttons to select the channel.
3. Press ◀▶ buttons to select a date to view the program guide.
4. Press (SETUP) <SETUP> button to leave.



Confirm/Add Reminder

1. Press ▲▼ buttons to highlight the program that you wish to set up a reminder.
2. Press (OK) button, an icon (hand) will appear to indicate the reminder has been set.

Remove Reminder

1. Press (OK) button again, the icon (hand) will disappear to indicate the reminder has been removed.

MHEG-5 operation

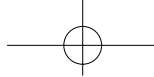
- MHEG-5 is a variety of information services which provided by television broadcast companies. The content of MHEG-5 is only available if the channel transmits it.

MHEG-5

Press the <TEXT> button to display the MHEG-5 information.

Red/Green/Yellow/Blue

The features of these four coloured buttons are defined on different channels, each button will correspond to various coloured page numbers.



- Press **<SOURCE>** button to switch to **TV** mode.

MPX

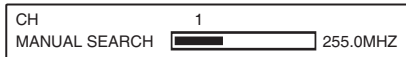
MPX is only available when the broadcast stations provide the options. MPX allows you to select available stereo sound while watching TV programs.

1. Press the **<TV MENU>** button.
2. Press **◀▶** buttons to select **TV-CHANNEL**, and press **▼** button to go to the MPX.
3. MPX allows you to select audio signals while you are watching TV programs. These options depend on signals transmitted from broadcast stations.

NOTE: If no stereo sound is provided, The word "MONO" appears when press the MPX button.

MANUAL SEARCH

1. Press the **<TV MENU>** button.
2. Press **◀▶** buttons to select **TV-CHANNEL**, and press **▼** button to go to the MANUAL SEARCH.
3. Press **▶** button to bring up the MANUAL SEARCH dialog window.



4. Press **◀▶** to select the TV channel you want to adjust.
5. Press **▼** to select MANUAL SEARCH, and then press **◀▶** to adjust the frequency until you find the channel you want to set up.
6. Press **<TV MENU>** to confirm settings, and press the same button again to leave the main menu.

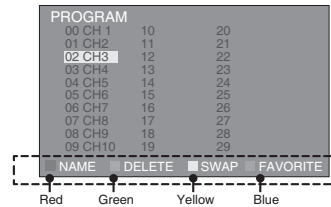
PROGRAM

Before you customize your PROGRAM, make sure you have already followed the "Searching analog TV channel" steps (refer to page 10).

1. Press the **<TV MENU>** button.
2. Press **◀▶** buttons to select **TV-CHANNEL**.
3. Press **▼** button to select PROGRAM, then press **▶** button to bring up the PROGRAM menu.

Note: The programs listed below are examples only.

Analog TV Operation

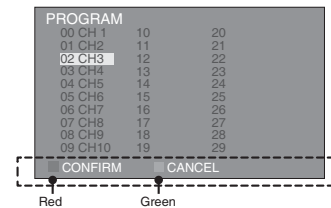


NAME

1. Press **▲▼◀▶** buttons to select the channel you want to rename, then press **● <Red>** button to enter the NAME menu.
2. Press **▲▼** buttons to toggle and add the first character in the highlighted row. Press **▶** button and **▲▼** buttons to add more characters.
3. Press **● <Red>** button to confirm or **● <Green>** button to cancel.

DELETE

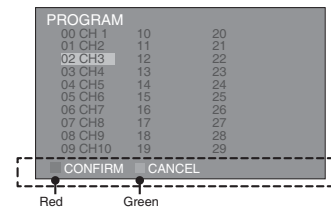
1. Press **▲▼◀▶** buttons to select the channel you want to delete.
2. Press **● <Green>** button to enter the DELETE menu. The selected channel will be highlighted.



3. Press **● <Red>** button to delete or **● <Green>** button to cancel.

SWAP

1. Press **▲▼◀▶** buttons to select the channel you want to swap.
2. Press **● <Yellow>** button to enter the SWAP menu.

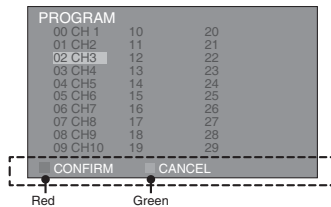


Analog TV Operation

- Press ▲▼◀▶ buttons to select the channel you want to swap with the previously selected channel.
- Press ●<Red> button to swap or ●<Green> button to cancel.

FAVORITE

- Press ▲▼◀▶ buttons to select the channel you want to set.
- Press ●<Blue> button to enter the FAVORITE menu.
- Press ●<Red> button to set or ●<Green> button to cancel.



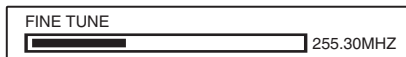
Note: This function allows you to setup total 5 favorite channels

- Press ●<FAVORITE> button on remote control to bring up the Favorite dialog window.
- Press ▲▼ button to select the favorite channel you wish to watch and then press ●(OK) button.
- Press <PR +/-> button to select other favorite channels.

Note: Press ●<FAVORITE> button again to exit the Favorite channel menu.

FINE TUNE

- Press the <TV MENU> button.
- Press ◀▶ buttons to select TV-CHANNEL, and press ▼ button to go to FINE TUNE.
- Press ▶ to enter the fine tune dialog window you want to fine tune.



- Press ◀▶ buttons to adjust.

SKIP

- Press the <TV MENU> button.
- Press ◀▶ buttons to select TV-CHANNEL.
- Press ▲▼ to select SKIP, then press ◀▶ buttons to select ON to skip the channel.

Teletext operation

- Teletext is a variety of information services which provided by television broadcast companies. The content of teletext is only available if the channel transmits it.

Text

Press the <TEXT> button to display the teletext information.

Red/Green/Yellow/Blue

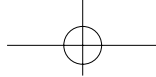
The features of these four coloured buttons are defined on different channels, each button will correspond to various coloured page numbers.

Index

Press <INDEX> button to return to the main index page of teletext.


Hold

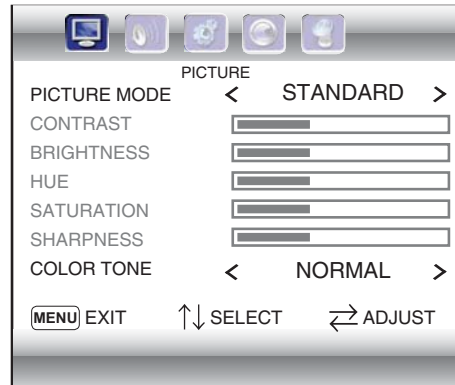
Press <HOLD> button to hold the current teletext page when the browsing multi-page information. Press it again to release it.




OSD Operation

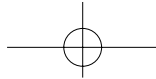
Picture Menu (TV/AV/HDMI Mode)

1. Press <TV MENU> button to enter the main menu.
2. Press ◀▶ buttons to select  PICTURE.
3. Press ▲▼ buttons select the option, and then press ◀▶ buttons to adjust the parameter.
4. Press (OK) or <TV MENU> button to leave parameter setting, press (OK) or <TV MENU> button twice to leave the main menu.




Item	Option	Description
	PICTURE MODE	STANDARD PERSONAL DYNAMIC SOFT Picture mode provides three different customized settings (except PERSONAL item) which allow you to select your preferred setting quickly and directly. If you wish to adjust one of the following items: CONTRAST/BRIGHTNESS/SATURATION/SHARPNESS. Please set PICTURE MODE to PERSONAL item first.
	CONTRAST	Increase or decrease the picture's contrast.
	BRIGHTNESS	Adjust the picture's brightness.
	HUE*	Adjust the picture's colour tone.
	SATURATION	Increase or decrease the colour's saturation.
	SHARPNESS	Adjust to sharpen or soften the picture.
	COLOR TONE	NORMAL WARM COOL Adjust the screen background colour, depending on your preference.

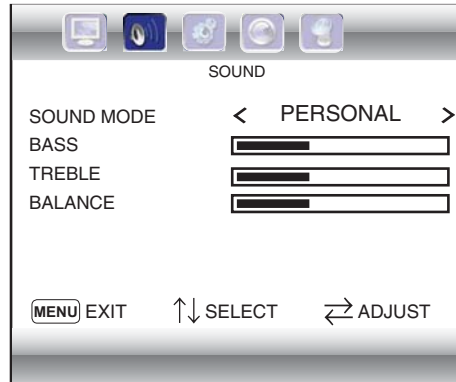
* Hue only can work on NTSC mode.




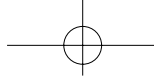
OSD Operation

Sound Menu (TV/AV/PC/HDMI Mode)

1. Press <TV MENU> button to enter the main menu.
- 2 Press ◀▶ buttons to select  SOUND.
3. Press ▲▼ buttons select the option, and then press ◀▶ buttons to adjust the parameter.
4. Press (OK) or <TV MENU> button to leave parameter setting, press (OK) or <TV MENU> button twice to leave the main menu.




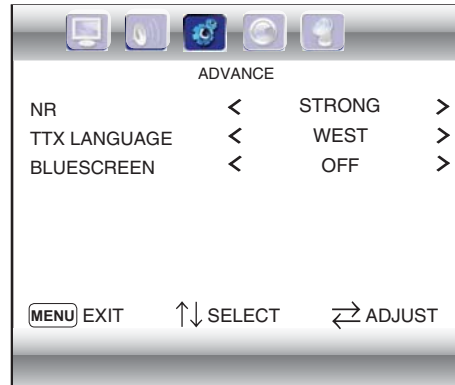
Item	Option	Description
	SOUND MODE PERSONAL STANDARD MUSIC NEWS	Sound mode provides four different customized settings (except PERSONAL item) which allow you to select your preferred equalizer setting quickly and directly. If you wish to adjust one of the following items: BASS/TREBLE/BALANCE, please set SOUND MODE to PERSONAL item first.
	BASS	Increase or decrease lower pitch sounds.
	TREBLE	Increase or decrease higher pitch sounds.
	BALANCE	Adjust the sound of right and left speakers' balance.




OSD Operation

Advance Menu (Analog TV only)

1. Press <TV MENU> button to enter the main menu.
2. Press ◀▶ buttons to select  ADVANCE.
3. Press ▲▼ buttons select the option, and then press ◀▶ buttons to adjust the parameter.
4. Press (OK) or <TV MENU> button twice to leave the main menu.



Item	Option	Description
	NR	STRONG OFF MIDDLE WEAK
	TTX LANGUAGE	WEST EAST RUSSIAN ARABIC FARSI
	BLUESCREEN	ON OFF

ADVANCE NR STRONG Set up the level of the noise reduction as your preferred option.

TTX LANGUAGE WEST Select the teletext language according to the system is used in your area.

BLUESCREEN ON Set up the opening screen to blue colour or not.

Contents and Safety information

Getting started

Connections

Remote control

Initial setting


Basic operation

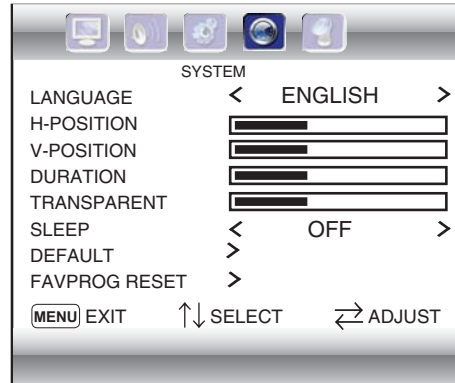
OSD operation


Troubleshooting & Specifications

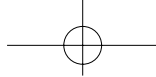
OSD Operation

System Menu(TV/AV/PC/HDMI Mode)

1. Press <TV MENU> button to enter the main menu.
2. Press ◀▶ buttons to select  SYSTEM.
3. Press ▲▼ buttons select the option, and then press ◀▶ buttons to adjust the parameter.
4. Press (OK) or <TV MENU> button to leave parameter setting, press (OK) or <TV MENU> button twice to leave the main menu.




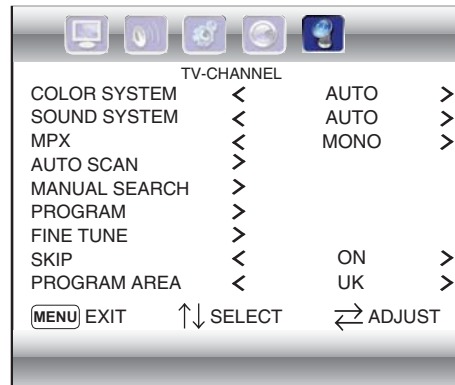
Item	Option	Description	
	SYSTEM LANGUAGES	ENGLISH DANISH FINNISH SWEDISH NORWEGIAN	
	H-POSITION	Adjust the OSD horizontal position.	
	V-POSITION	Adjust the OSD vertical position.	
	DURATION	Set up the OSD display time.	
	TRANSPARENT	Set up the transparency of OSD display background.	
	SLEEP	OFF/30/60/90/120	Set up the LCD TV automatically to turn off the power.
	DEFAULT		Restore the factory default settings. WARNING! Selecting this function will erase all previously stored channels and settings.
	FAVPROG RESET		Reset the favorite program settings.




OSD Operation

TV-Channel Menu (TV Mode)


1. Press <TV MENU> button to enter the main menu.
2. Press ◀▶ buttons to select TV-CHANNEL. 
3. Press ▲▼ buttons select the option, and then press ◀▶ buttons to adjust the parameter.
4. Press (OK) or <TV MENU> button to leave parameter setting, press (OK) or <TV MENU> button twice to leave the main menu.



Item	Option	Description	
	TV-CHANNEL COLOR SYSTEM	<u>AUTO</u> PAL	Select the TV system according to the system is used in your location.
	SOUND SYSTEM	<u>AUTO</u> I	Select the sound system according to the system available in your area.
	MPX *	<u>MONO</u> MONO 1 STEREO DUAL A DUAL B DUAL AB	MPX allows you to select audio signals while you are watching TV programs. These options depend on signals transmitted from broadcast stations. This function can also be selected by pressing remote control <MPX> button too. (Refer to MPX on page 15 for details)
	AUTO SCAN		Before watching TV programs for the first time on this LCD TV, you have to operate "AUTO SCAN" procedure. It can help you to auto search TV channels.
	MANUAL SEARCH		Set up the TV channel. (Refer to MANUAL SEARCH on page 15 for details)
	PROGRAM		This function allows you to customize your program settings. (Refer to PROGRAM on page 15 for details)


*MPX item only can be used when you are in TV mode. Some options of MPX may not be operated if the broadcast stations don't support the features.

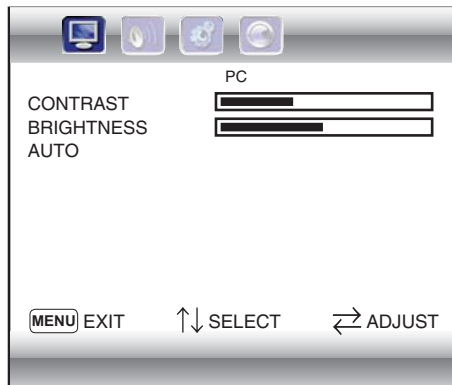
OSD Operation


Item	Option	Description
	TV-CHANNEL FINE TUNE	This function allows you to slightly adjust the received channel with a weak signal. (Refer to FINE TUNE on page 16 for details)
	SKIP	ON Skip the channel you do not want to watch. (Refer to SKIP on page 16 for details)
	OFF	Turn off the skip function.
PROGRAM AREA		Select the country you are now located to receive available broadcast stations in your area. Please re-select the program area if you use the TV in another region. The countries include: UK/AUSTRIA/GERMANY/SWITZERLAND/SWITZER.FR./BELGIUM/BELGIUM_DU./NETHERLANDS/DENMARK/FINLAND/ITALY/NORWAY/SPAIN/SWEDEN/LUXEMBOURG/FRANCE/CZECH/POLAND/HUNGARY(Refer to Searching analog TV channel on page 10 for details)

OSD Operation

PC Menu (PC Mode)


1. Press <SOURCE> button, then press ▲▼ button to select the **PC**.
2. Press <TV MENU> button to enter the main menu.
3. Press ◀▶ buttons to select  PC.
4. Press ▲▼ buttons select the option, and then press ◀▶ buttons to adjust the parameter.
5. Press (OK) or <TV MENU> button to leave parameter setting, press (OK) or <TV MENU> button twice to leave the main menu.

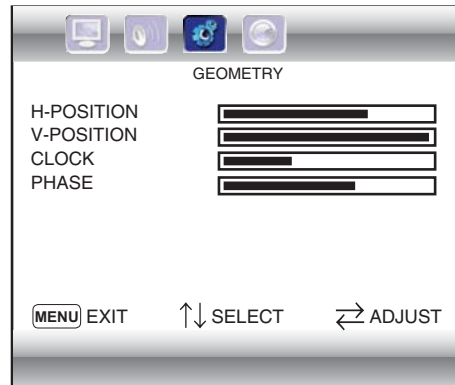



Item	Option	Description
	CONTRAST	Adjust to increase or decrease the picture's contrast.
	BRIGHTNESS	Adjust the picture's brightness.
	AUTO	Adjust the computer resolution, picture horizontal and vertical position automatically.

OSD Operation

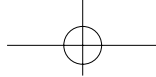
Geometry Menu (PC Mode only)

1. Press <SOURCE> button, then press ▲▼ button to select the PC.
2. Press <TV MENU> button to enter the main menu.
3. Press ◀▶ buttons to select  GEOMETRY.
4. Press ▲▼ buttons select the option, and then press ◀▶ buttons to adjust the parameter.
5. Press (OK) or <TV MENU> button to leave parameter setting, press (OK) or <TV MENU> button twice to leave the main menu.



Item	Option	Description
	GEOMETRY H-POSITION	Adjust the picture horizontal position.
	V-POSITION	Adjust the picture vertical position.
	CLOCK	Adjust the picture vertical frequency.
	PHASE	Adjust the picture horizontal frequency.

Note: This function can only respond in the PC mode.



Troubleshooting

SYMPTOM (COMMON)	REMEDY
No picture on LCD TV	<ul style="list-style-type: none"> • Make sure the power is already connected to the power outlet • Make sure the you are on the correct input signal mode, if not, please switch it, for example, switch the TV/AV mode. • Check the aerial connection is connected properly. • Check the aerial is not broken. • Check the connections between LCD TV and external equipment. • Check the power of external equipment is turn on. • Check TV system, make sure the TV system is selected correctly in your location. • Switch to another channels. If these channels' signal is fine, probably the problem is from TV station.
Unclear or unstable picture	<ul style="list-style-type: none"> • Check the aerial is connected. • Adjust or move your aerial to different location. • Adjust from OSD setting to select the correct settings.
No sound or noisy sound	<ul style="list-style-type: none"> • Check the connection of aerial. • Check the aerial is not broken. • Check TV system, make sure the TV system is selected correctly in your location. • Press the +/- or mute on remote control. • Make sure your earphone is already unplug from your earphone jack.
Remote control	<ul style="list-style-type: none"> • Make sure no obstructions between remote control and LCD TV. • Replace the batteries of remote control if remote control lost power. • Check the batteries are installed with the correct polarities (+ and -). • Remove the obstacles between the remote control unit and remote control signal sensor.
Digital TV interference	<ul style="list-style-type: none"> • The reception becomes weak under rainy or cloudy weather. • The effect of the intervening terrain (e.g. mountains and valleys) can weaken the quality of signals. • Place the unit in a flat and open area (approximately 32 feet in diameter) can gain good signal reception. • Placing the unit nearby tall building will cause poor signal reception due to building blocks • Placing the unit near the window can improve the quality of signals. • In the ordinary mobile reception, the car speed limit is in the range of 80 km/h - 100 km/h. However, the reception depends on the weather, geographic location, and obstacles factors, for that can impact the quality of signals. Sometimes no signals will be received.

Specifications

Panel

Screen	19" wide, WXGA
Resolution	1440x900
Brightness	300 cd/m ² (typ.)
Response time	5 msec (typ.)
Contract ratio	700 (typ.)
Viewing angles	170/160 (typ.)
Back-light	4-CCFLs

Video

Video format	Auto detecting
HD display	480i/480p/576i/576p/720p/1080i
PC graphics	1440x900@75Hz
Aspect ratio	4:3 / 16: 9
Value adjustment	Contrast/Brightness/Hue/Saturation/Sharpness/Color Tone
Screen auto tune	Support
2D comb-filter	Y/C

Audio

Audio decoding	Stereo
Speakers	3W x 2
Sound modes	News/Music/Personal/Standard
Sound control	Bass/Treble/Balance

TV

Tuner	PAL (IEC type)
Source selection	Cable/Air
MPX	Mono/Mono 1/Stereo/Dual A /Dual B/Dual AB
Teletext	Support

User interface

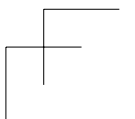
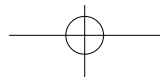
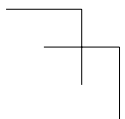
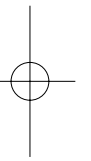
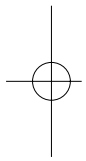
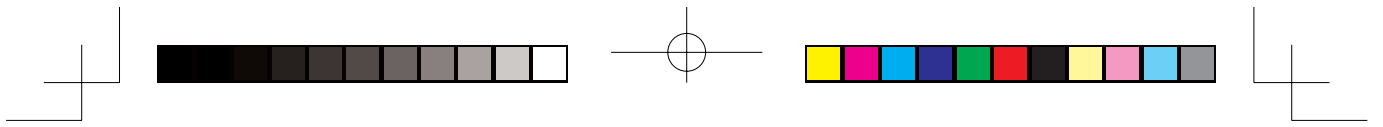
Graphic user interface	Support
OSD language	Multi-language support
Screen saver	Support
Plug & play	Support
Sleep timer	0/30/60/90/120
Connectors	Antenna input/YPBPR input/Audio&Video input (RCA jacks)/PC IN input/Earphone/PC Audio input (M3.5jack)/Earphone/HDMI input

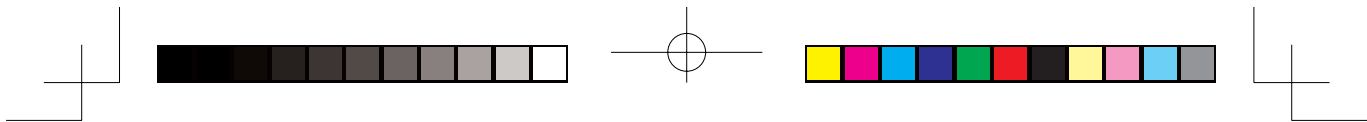
Power

Consumption	54W
Power Source	AC 200-240V 50Hz (option)
Power LED	Red/Blue

General

Dimensions : W x H x D (mm)	508 x 410 x 175 (stand)
Weight (kg)	9.1 kg (approx)
Wall mount	VESA support





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Note: If you require a replacement for any of the items listed below, please quote their corresponding part numbers:	
Replacement Part	Part Number
Remote Control	92-234-01050
Power Lead	54-418-00052