



**21.5" LED DVB-T  
TV/DVD**

**32" LED DVB-T  
TV/DVD**

**OWNER'S MANUAL**

## Caution and Safety Information

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This symbol alerts to the presence of un-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of serious injury or electric shock.



This symbol indicates an important note regarding operation is described here.



### Correct disposal of this Product

(Waste Electrical & Electronic Equipment (WEEE))

Your product is designed and manufactured with high quality materials and components which can be recycled and reused. This symbol means that electrical and electronic equipment, at their end-of-life should be disposed of separately from your household waste. Please dispose of this equipment at your local community waste collection/recycling center. Please help us to conserve the environment we live in!

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.



### Electrical Safety

- To prevent overload, don't share the same mains supply socket with too many other items of equipment.
  - Do not place any connecting wires where they may be stepped on or tripped over.
  - Do not place heavy items on the leads, which may damage them.
  - Hold the Mains plug, not the wires, when removing from a socket.
  - During a thunderstorm or while leaving the TV for long periods, disconnect the aerial (if outdoor) and mains power from the supply.
  - The PCB of the TV is conformal coated to prolong electrical function in marine environments.
  - Do not allow water or moisture to enter the TV. Do NOT use in wet or moist areas such as Bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if:
  - the mains plug or cable is damaged.
  - liquid is spilt onto the set, or if it is accidentally exposed to water or moisture.
  - anything accidentally penetrates the ventilation slots.
  - the set does not work normally.
  - Do NOT remove the safety covers. There are no user serviceable parts inside. You may invalidate the warranty. Qualified personnel only are permitted to service this apparatus.
  - To avoid battery leakage, remove exhausted batteries from the remote control handset, or when not using for along period.
  - Do NOT break open or throw exhausted batteries on a fire.



### Physical safety

- Do NOT block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around the unit.
- Do NOT tap or shake the TV screen, you may damage the internal circuitry. Take good care of the remote control, do not drop it or allow it to come into contact with liquids.
- To clean the TV use a soft dry cloth. Do NOT use solvents or petrol based fluids. For stubborn stains, you may use a damp soft cloth with diluted detergent.

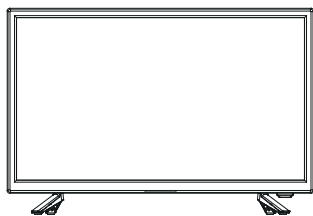
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## Included in the Box

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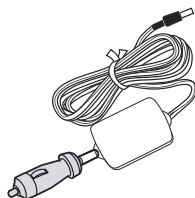
LED TV/DVD  
21.5" LED DVB-T TV/DVD  
32" LED DVB-T TV/DVD



Remote Control



AC Adaptor



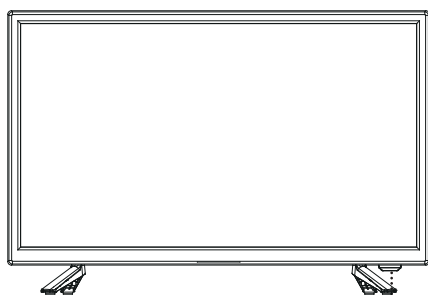
12V/24V Car Adapter(Supply Power to TV on car)

- Owner's Manual

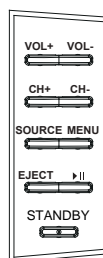
If any items are missing or damaged, contact your place of purchase immediately.  
Never use damaged products!

## Controls & Indicators

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Power Indicator LED & IR  
receiver lens for Remote Control



### Manual Controls

**SOURCE:** Display the input source menu.

**MENU:** Display/exit the OSD menu.

**CH+/-:** Scan through channels.

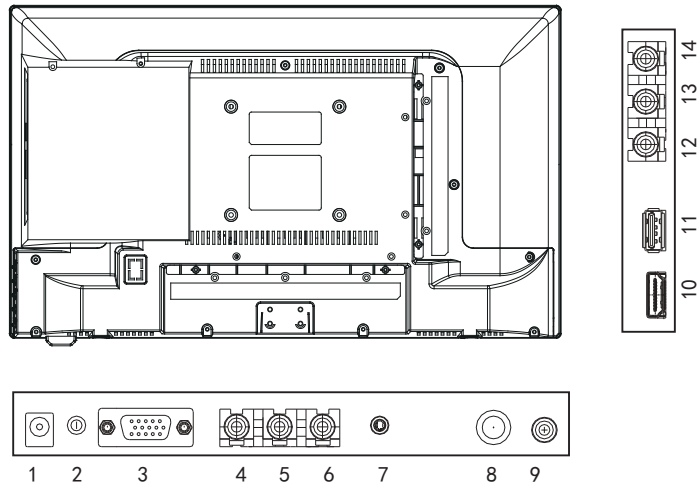
**VOL+/-:** Adjust the volume.

**PLAY:** Play DVD content

**EJECT:** Eject DVD disc

**STANDBY:** Turn on/standby the TV set.

# Connectors

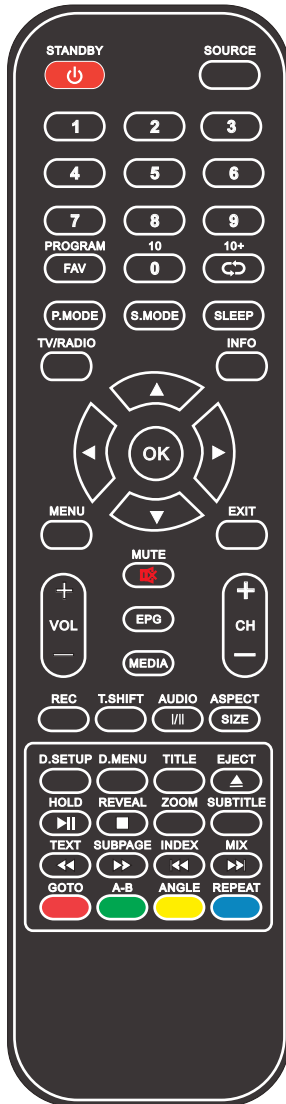


- |                   |                  |
|-------------------|------------------|
| 1 DC POWER        | 8 RF IN (T/C/T2) |
| 2 Headphone Out   | 9 COAX OUT       |
| 3 VGA (PC) Input  | 10 HDMI IN       |
| 4 CVBS IN         | 11 USB IN        |
| 5 CVBS/YPbPr L IN | 12 YPbPr -Y IN   |
| 6 CVBS/YPbPr R IN | 13 YPbPr -Pb IN  |
| 7 PC AUDIO IN     | 14 YPbPr -Pr IN  |



DVD insert and EJECT is only available when power is on and source INPUT is set to DVD.

# Remote Control



The remote control uses infra-red (IR). Point it towards the front of the TV at the power indicator lens. The remote control may not work correctly if it is operated out of range or out of angle.

**STANDBY:** Turn the TV on/standby.

**SOURCE:** Press to display the input source menu.

**NUMBER BUTTONS:** Press 0-9 to select a TV channel directly when you are watching TV.

**FAV:** Display the favorite program list.

**↶:** Return to the previous channel viewed.

**P.MODE:** Select the picture mode.

**S.MODE:** Select the sound mode.

**SLEEP:** Standby timer.

**TV/RADIO:** Switch between digital TV channels and radio stations.

**INFO:** Show channel information.

**CURSOR KEYS (▲, ▼, ◀, ▶, OK):** Allows you to navigate the on-screen menus and adjust the system settings to your preference.

**MENU:** System setup menu.

**EXIT:** Exit the OSD menu.

**🔇:** Press to mute the sound, press again or press VOL+ to unmute.

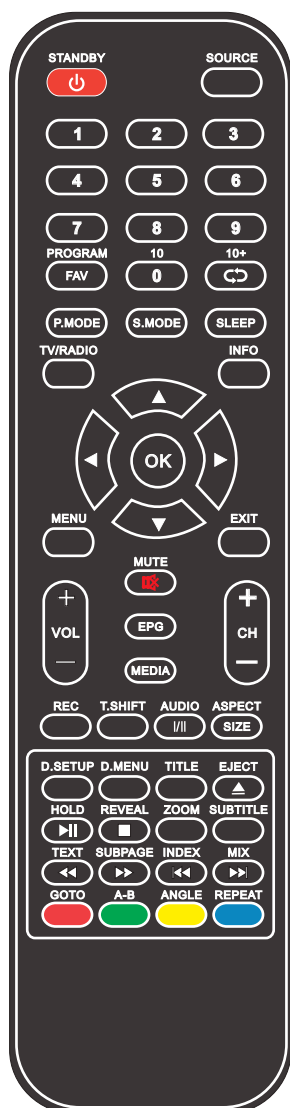
**VOL+/-:** Adjust the volume.

**EPG:** Call up the Electronic Program Guide. Available only in DTV/Satellite mode and when not viewing the Menu.

**MEDIA:** Fast access to MEDIA.

**CH+/-:** Scan through channels.

## Remote Control



- REC:** Press to enter the recorded file.
- T.SHIFT:** Press to enter timeshift function.
- AUDIO:** Press to select the different audio.
- I / II : Press to select the different audio.
- ASPECT:** Change the screen display mode.
- SIZE:** Press to toggle the teletext page views between top half, bottom half and normal view.
- D.SETUP:** DVD system setup.
- D.MENU:** DVD play list/Disc menu.
- TITLE:** Show program information.
- ▶||: Play/Pause program.
- : Stop program.
- ▲: Load/eject DVD disc.
- ◀◀: Fast reverse.
- ▶▶: Fast forward.
- ◀◀: Previous chapter.
- ▶▶: Next chapter.
- HOLD:** Hold or carry on the current teletext subpage.
- REVEAL:** Reveal any hidden text.
- ZOOM:** Press to select Zoom function.
- SUBTITLE:** Select subtitle.
- TEXT:** Turn off/on the Teletext display.
- SUBPAGE:** Press to enter Teletext subpage, press again to cancel.
- INDEX:** To open the index page.
- MIX:** To open the index page.
- GOTO:** Jump to the specified time to play.
- A-B:** Loop between A and B.
- ANGLE:** Adjust the display angle.
- REPEAT:** Repeat play.
- COLOUR KEYS:** Press to select the on screen function associated with the respective colour.



Teletext service may not be available in all areas.

## Basic Operation

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### Power on/off

1. Connect to the power supply with the power adaptor.
2. To turn on the TV on or off press **STANDBY** on the remote control or press **STANDBY** on TV side control bar.

### Initial Start-up and Tuning Channels

After correct installation, when the TV is powered on for the first time, the 'First Time Installation' menu will appear:

For Terrestrial(UHF)Antenna Connections:

1. Press **OK**
2. Press **Down** button then press **Right** button to change to **DTV**
3. Press **OK**

The TV then searches and stores local digital terrestrial channels (DVB -T transmissions within coverage area)

Note: Depending on your location the process may take up to 5 minutes



**NOTE**

You will need to re-tune (search for) DTV (Terrestrial) channels again if the TV is moved to a different geographic location.  
From Menu mode select; Channels and then Auto Tuning.

### Selecting an Input Source (TV, DVD etc)

Press **SOURCE** on the remote control or on the TV sidebar control to display the Input source menu.



Use **▲/▼** on the remote control or **CH +/-** on the TV sidebar control to select the input source. The input source will change automatically after 3 seconds of inaction, or for immediate action, press **OK** on the remote control.

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# Basic Operation

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## Viewing Channels



### NOTE

To watch Digital TV channels make sure SOURCE setting is DTV

There are several methods to change the channel;

1. Use the Channel keys or enter the channel number on the remote control to change channels.
2. Press **OK** to call up the Channel List. Then use the **▲/▼** keys to select the desired channel. Press **OK** to select and change the channel.
3. Press **FAV** on the remote control to call up the Favourite lists (see Menu Settings/ Channel Menu/Programme Edit on page 15). Then use the **▲/▼** keys to select the desired channel. And then press **OK** to select and change the channel.
4. Select a channel from the Electronic Programme Guide.

## The Channel Display Plate

Information about the channel and the current TV programme appears at the bottom of the screen whenever a channel is changed or when called up by pressing **INFO**. Press **▶** to view the next programme's information (Next) and then press **◀** to go back to the current programme's information (Now).

- The channel info automatically displays for a short period whenever a channel is changed.
- You can also press **DISPLAY** to display the channel info.
- If the selected channel supports special features such as Teletext (TTX), Parental Rating, High Definition (HD) or Subtitles, then this information will be displayed in the channel display.
- While the channel display is showing, press **DISPLAY** to bring up a synopsis of the programme.

# Basic Operation

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## Freeview EPG: Electronic Programme Guide

Press **EPG** on the remote control to call up the 8-day Programme Guide.



**NOTE**

The EPG may take a several seconds to load before displaying on screen.

You can navigate (▲, ▼, ◀ and ▶) throughout the EPG.

Blue Key: Next Day

Yellow Key: Next Week, or Prev Day

Red Key: Record

Green Key: Remind

Press **INFO** to view the selected programme's synopsis.


Press **OK** to change the channel to the currently displayed view.

Press **EXIT** to close and exit EPG.

## Recording TV Programs

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The TV can record television programmes onto a connected optional external USB drive (see note below regarding minimum USB drive requirements).

1. Press **REC** on the remote control to start recording in DTV  
REC displays at the bottom left of the screen and the power LED blinks red and green while recording.
2. Press the STOP button  on the remote control to exit the recording mode.






**NOTE**

Recording quality and TimeShift performance will vary depending on the USB drive speed.  
When a new USB drive is connected to the USB input the TV will automatically assess and then display the drive's write speed. Please note the write speed. For optimum performance a minimum write speed of at least 50Mbps (6.25MB/s) is recommended. Newer USB 2.0 devices should meet this criteria. Older USB 2.0 and USB 1.x devices will not be suitable. Recording time will vary depending on size of USB drive. The size of recorded HD files are typically large so a dedicated USB mass storage drive (for example: with over 100MB available storage) is recommended.

## Timeshifting (live pause) TV Programs

When watching a Digital TV program you can activate Timeshift to enable live pause.

1. Press the PAUSE button  on the remote control to start Timeshift in DTV or Satellite mode.
2. Press the STOP button  to exit the Timeshift mode.
3. Press the PLAY button  to play the program you are recording from the beginning, and the timeshift will be going on.

The Timeshift time menu on the top right corner shows the time difference between the current picture and the live broadcast picture



**NOTE**

Timeshift requires space on the connected USB drive to use as a temporary buffer during the Timeshift operation. The Timeshift buffer setting is set to Auto by default. When Timeshift is stopped the drive space is made available - meaning the Timeshifted program is not stored for future playback. During Timeshift, if the digital TV signal is lost, Timeshift will pause until the digital TV signal is stable again.

# Recording TV Programs

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## Remind/Record Schedule

You can book a remind (change to) or record of preferred programmes by date & time with the Remind/Record Schedule feature.

### In DTV

1. Press **MENU** then select Channel /Schedule list, then select Remind/Record Schedule.
2. Use the colour keys and the navigation keys to add/edit a reminder (recorder setting is off) or recording (recorder setting is on).



#### NOTE

A digital TV signal is required for the scheduler to extract programme information.

### Approximate Recording Times

Depending on the content being recorded, the recording times may become shorter than indicated. (The times provided below are an estimate, use only as a guide)

Recording Mode	Recording Times	Capacity
MPEG4 SD (576i/576p) Channel	1 hour	1.5GB
MPEG4 HD (720i/1080i) Channel	1 hour	4GB

## Menu Settings: Main Menu

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Press **MENU** to display the On Screen Display (OSD) menu as below:



Use ◀ ▶ button to select the main menu, and press **OK** button to enter the submenu. In the submenu, use ▲/▼ button to select the function item, press **OK** button to enter the setup menu, or press ◀/▶ button to adjust/setup.

\* (Press **MENU** button to return to the upper menu.)

\* (Press **EXIT** button to exit the menu display.)



### NOTE

Some items only appear on the OSD when the relevant Input signal is selected or connected.

Navigate the OSD menu following the tips on the bottom banner.

# Menu Settings: Channel Menu

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## CHANNEL menu

Press **MENU** button to display the main menu.  
Press **◀ / ▶** button to select **CHANNEL** in the main menu.



1. Press **▼ / ▲** button to select the option that you want to adjust in the **CHANNEL** menu.
2. Press **OK** button to adjust.
3. After finishing your adjustment, Press **OK** button to save and return to the previous menu.

### Auto Tuning

Press **▼ / ▲** button to select Auto Tuning, then press **OK / ▶** button to enter.

### Digital Type

Press **▼ / ▲** button to select Digital Type.  
Press **◀ / ▶** button to select.

### ATV Manual Tuning

Press **▼ / ▲** button to select DVB-T Manual Tuning,  
then press **OK** button to enter sub-menu.  
Press **▼ / ▲ / ◀ / ▶** button to select channel,  
then press **OK** button to search program.

### DTV Manual Tuning

Press **▼ / ▲** button to select DTV Manual Tuning,  
then press **OK** button to enter sub-menu.  
Press **▼ / ▲ / ◀ / ▶** button to select channel,  
then press **OK** button to search program.

## Menu Settings: Channel Menu (Cont'd)

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### Program Edit

Press ▼ / ▲ button to select Program Edit, then press OK button to enter sub-menu.

The three colored key is the shortcut key for programming the channel.

First press ▼ / ▲ to highlight the channel you want to select, then:

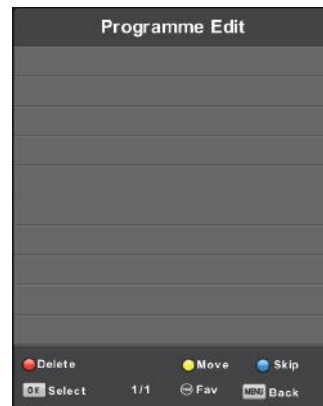
Press the [Yellow] button to move the program

Press the [Red] button to delete the program in the list.

Press the [Blue] button to skip the selected channel.

Press Fav button to add or remove the channel to your favorite list.

(Your TV set will skip the channel automatically when using CH+/- to view the channels.)



### Schedule List

Press ▼/▲ button to select Schedule List, then press OK button to enter sub-menu.

Press ◀ / ▶ to select Recorded List or Schedule List.

Press ▼/▲ button to highlight the program you want to select.

Press [Red] button to delete the program in the list.

Press [Yellow] button to select the program you want to record.

Press [OK] button to play the program.

### Signal Information

Press ▼ / ▲ button to select **Signal Information**, press the OK button to see the detail information about the signal. Only available when there is signal in DTV.

# Menu Settings: Picture Menu

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## PICTURE menu

Press **MENU** button to display the main menu.  
Press ◀ / ▶ button to select **PICTURE** in the main men.



1. Press ▼ / ▲ button to select the option that you want to adjust in the **PICTURE** menu.
2. Press OK button to adjust.
3. After finishing your adjustment, Press **MENU** button to save and return back to the previous menu.

### Picture Mode

Press ▼ / ▲ button to select Picture Mode, then press OK button to enter sub-menu.  
You can change the value of contrast, brightness, color, sharpness and tint when the picture is in **Personal** mode.

### Contrast/ Brightness/ Saturation / Tint / Sharpness

**Contrast:** Adjust the highlight intensity of the picture, but the shadow of the picture is invariable.

**Brightness:** Adjust the optical fiber output of the entire picture, it will effect the dark region of the picture.

**Saturation:** Adjust the saturation of the color based on your own like.

**Tint:** Use in compensating color changed with the transmission in the NTSC code.

**Sharpness:** Aadjust the peaking in the detail of the picture.

### Color Temperature

Change the overall color cast of the picture.

Press ▼ / ▲ button to select Color Temperature, then press OK button to enter sub-menu.

Press ▼ / ▲ button to select. (Available Picture mode: Normal, Warm, Cool).

### Noise Reduction

To filter out and reduces the image noise and improve picture quality.

Press ▼ / ▲ button to select Noise Reduction, then press OK button to enter sub-menu.

### HDMI Mode

Press ▼/▲ button to select HDMI Mode, then press OK button to entersub-menu.

Press ▼/▲ button to select .



# Menu Settings: Sound Menu

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## Sound menu

Press **MENU** button to display the main menu.

Press ◀ / ▶ button to select **SOUND** in the main menu.



1. Press ▼ / ▲ button to select the option that you want to adjust in the **SOUND** menu.
2. Press OK button to adjust.
3. After finishing your adjustment, Press OK button to save and return to the previous menu.

### Sound Mode

Press ▼ / ▲ button to select Sound Mode, then press OK button to enter sub-menu.

Press ▼ / ▲ button to select.

You can change the value of Treble and Bass when the sound is in Personal mode.

**Standard:** Produces a balanced sound in all environments.

**Music:** Preserves the original sound. Good for musical programs.

**Movie:** Enhances treble and bass for a rich sound experience.

**Sports:** Enhances vocals for sports.

**Personal:** Select to customize picture settings.

**Note:** The treble and bass are only available in User mode, you can adjust them as you like.

### Treble, Bass, Balance

Press ▼ / ▲ button to select option, Press ◀ / ▶ button to adjust.

### Auto Volume level

Press ▼ / ▲ button to select Auto Volume Level, then press ◀ / ▶ button to select On or Off.

### SPDIF Mode

Press ▼ / ▲ button to select SPDIF Mode, then press ◀ / ▶ button to select Off / PCM / Auto.

### NOTE:

**Balance:** This item can adjust the speaker's output, it enables you to listen to best at your position.

**Auto Volume:** This item is used for reducing the difference between channel and program's volume automatically.

# Menu Settings: Time Menu

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## TIME menu

Press **MENU** button to display the main menu. Press ◀ / ▶ button to select **TIME** in the main menu.



1. Press ▼ / ▲ button to select the option that you want to adjust in the **TIME** menu.
2. Press OK button to adjust.
3. After finishing your adjustment, Press OK button to save and return to the previous menu.

### Clock

Select the lock and press OK button to enter interface at left. You can adjust data, month, year and so on with left and right keys.

### Time Zone

Press ▼ / ▲ button to select Time Zone, then press OK button to enter sub-menu.  
Press ▼ / ▲ / ◀ / ▶ button to select time zone.

### Sleep Timer

Press ▼ / ▲ button to select Sleep Timer, then press OK button to enter sub-menu.  
Press ▼ / ▲ button to select. (Available options are: Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min, 240min).

### Auto Standby

Press ▼ / ▲ button to select Auto Standby, then press OK button to enter sub-menu.  
Press ▼ / ▲ button to select. (Off, 3H, 4H, 5H)

**Tips:** The remote control does not make any operation in the hypothesis time, it will close down automatically. If you do any operation, it will reset the time.

### OSD Timer

Press ▼ / ▲ button to select OSD Timer, then press OK button to enter sub-menu.  
Press ◀ / ▶ button to select.

# Menu Settings: Lock Menu

## LOCK menu

Press **MENU** button to display the main menu.  
Press ◀ / ▶ button to select **Lock** in the main menu.



1. Press ▼ / ▲ button to select the option that you want to adjust in the **LOCK** menu.
2. Press ◀ / ▶ button to adjust.
3. After finishing your adjustment, Press **MENU** button to return back to the previous menu

### System Lock

Press ▼ / ▲ button to select Lock System, then press **OK** button to make the following 3 options valid. Default password is 0000, and if forgot what you set, please call the service center.

### Set Password

Press ▼ / ▲ button to select Set Password, then press **OK** button to enter sub-menu to set new password.

### Channel Lock

Choose the programs you don't like. Then press green button to lock these programs. Please press menu button if you want to go back previous interface.

### Parental Guidance

Press ▼ / ▲ button to select Parental Guidance, then press **Enter** button to enter sub-menu to select the number of age which is suitable for your children.

### Key Lock

Press ▼ / ▲ button to select Key Lock, then press ◀ / ▶ button to select Off or On. When Key Lock's status is on, you can't use the Key panel button.

### Hotel mode

Choose the option of source lock to enter source list. With left and right keys, you are able to open or close input source.



# Menu Settings: SETUP menu

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## SETUP menu

Press **MENU** button to display the main menu.  
Press **◀ / ▶** button to select **OPTION** in the main menu.



1. Press **▼ / ▲** button to select the option that you want to adjust in the **OPTION** menu.
2. Press **OK** button to adjust.
3. After finishing your adjustment, Press **OK** button to save and return to the previous menu.

### Language

Select an OSD menu language can be displayed. Default English is selected as menu language.  
Press **▼ / ▲ / ◀ / ▶** button to select Menu Language.

### TT Language

Press **▼ / ▲** button to select TT Language, then press **OK** button to enter sub-menu.  
Press **▼ / ▲** button to select.

### Audio Languages

Press **▼ / ▲** button to select Audio Languages, then press **OK** button to enter sub-menu.  
Press **◀ / ▶** button to select the primary of Audio Languages.  
Press **▼ / ▲ / ◀ / ▶** button to select the Audio Languages.

### Subtitle Language

Press **▼ / ▲** button to select Subtitle Language, then press **OK** button to enter sub-menu.  
Press **◀ / ▶** button to select the primary of Subtitle Language.  
Press **▼ / ▲ / ◀ / ▶** button to select the Subtitle Language.

**PVR file system:** Insert the USB or hard disk to the TV. Press **OK** button to enter the PVR file system menu. And waiting a few seconds will show PVR system success and format pass etc.

### Aspect Ratio

Press **▼ / ▲** button to select Aspect Ratio, then press **OK** button to enter sub-menu.  
Press **▼ / ▲** button to select.

# Menu Settings: SETUP Menu

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## **First Time Installation**

Select first time installation item and press OK button to enter setting interface. The options you can modify include OSD language, country, and TV connection. You should press OK button to make sure your setting.

## **Reset**

After selecting the option of reset and pressing OK button, you can find a prompt box for confirming reset. Please note that the reset will influence your previous setting.

## **Software Update(USB)**

Press ▼/▲ button to select Software Update(USB).

Press ▼/▲ button to update.

## **Environment**

Press ▼/▲ button to select Environment.

Press ◀/▶ button to select.

## **HDMI CEC**

Press ▼/▲ button to select HDMI CEC, then press OK button to enter sub-menu.

Press ▼/▲ button to select.

## DVD Operation

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The DVD insert/eject operation is only available when INPUT is set to DVD. DO NOT attempt to insert a DVD disc when the TV is not powered on and INPUT set to DVD. Damage to the DVD unit may result if a DVD disc is forcefully inserted when DVD unit is not powered.

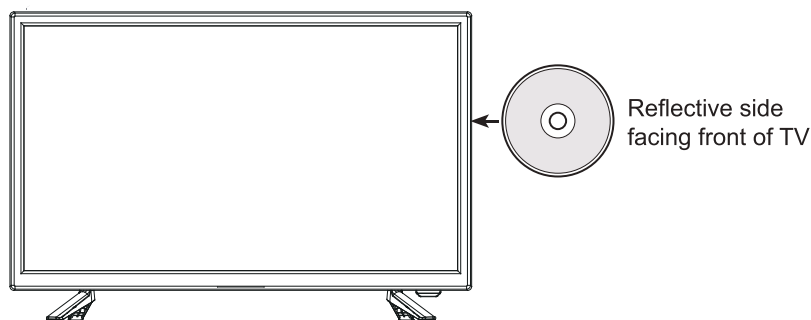
### Selecting DVD Mode (INPUT)

Press the Power button on the TV or the remote control.  
Press **SOURCE** on the TV or the remote control and select DVD.

If there is no disc in the DVD player the screen will show "NO DISC".

### Inserting a DVD Disc

Do not touch the playing surface. Hold the disc around the outside with your fingers and place the disc into the slot with the reflective side facing the front. The player will automatically draw the disc into the player.



To "Eject" the disc, press **EJECT** on the TV or the  button on the remote control.

### Playing a DVD

The DVD plays automatically when inserted or INPUT is changed to DVD or TV is powered on in DVD mode. Use the DVD controls as indicated on page 7 to navigate DVD content.

## DVD Setup Mode

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In DVD mode press **D.SET** (Red button) to bring up the DVD Setup Screen.  
Use the navigation keys and **OK** to select an option to review.  
Press **D.SET** (Red button) to exit from the DVD Setup Screen



### NOTE

If a DVD is playing then some settings in the Setup Mode will not be available for review. Press Stop (button) 2 times to stop the DVD disc and the full settings will be available. The full settings are also available when there is no disc.

## General Setup Page

### TV Display

#### 4:3 Pan Scan

This is selected when the DVD player is connected to a normal TV. Wide-screen images are shown on the screen, but with some parts cut automatically.

#### 4:3 Letter Box

This is selected when the player is connected to a normal TV. Wide-screen images are shown on the screen, with black bars on the top and bottom.

#### Wide (16:9)

Default. Select when the player is connected to a wide-screen TV.

### OSD Language

Use to select the OSD (On Screen Display) language

### Screen Saver

When set On, the screen saver image will appear when the player stops or the picture is frozen for a few minutes. Used to prolong screen's life.

### Last Memory

When set On, the current settings at shutdown will be stored and applied at the next startup, including continuing Disc play at the last position.

When set Off, the DVD mode will automatically start with default settings.

## Audio Setup Page

### Speaker Setup

Use to select LT/RT for left and right channel or Stereo.

## Dolby Digital Setup

### Dynamic

Use to adjust compression ratio to control volume contrast.

# DVD Setup Mode

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## Preference Page



Available only when DVD disc is stopped or no disc in tray.

### TV Type

Select from PAL, Multi or NTSC (default PAL TV system).

### Audio

If the language selected is recorded on the disc, you can play sounds for that language. If not, the language recorded will be used.

### Subtitle

If the language selected is recorded on the disc, you can set the Subtitle to display in that language. If not, the language recorded will be used.

### Disc Menu

If the language selected is recorded on the disc, you can set the Menu to display in that language. If not, the language recorded will be used.

### Parental

When playing a disc with parental lock function, select an Age Control Grade according to grade of disc and your own preference. E.g. If PG is selected, DVD Video disc rated higher than PG grade cannot be played.

### Password

Change password required for Age Control Grade and Parental Lock function.



Default password is 123456

### Default

Load the original factory settings. Select RESET and press **OK**.



## Viewing Multimedia Content from a USB Drive

An optional external USB Drive can be connected to view multimedia content.

### Basic Operation

Press the **SOURCE** button on the remote control to display the input source menu, select USB source by the **▲/▼** buttons, and press **OK** button to enter the Multimedia menu seen below.



On switching to the Media source the above menu screen will appear. The content will be divided into Photo, Music, Movie and Text based file types.

NOTE: "Due to complex licensing requirements not all photo, music or video formats may be compatible ."

### 1. Photo

Photo viewing

Press **◀ / ▶** button to select Photo in the main menu, then press **OK** button to enter. Press **◀ / ▶** button to select drive disk you want to watch, then press **OK** button to enter.

Press **▼ / ▲** button to select photo one by one and press **OK** button, then press **PLAY** button.

Press **▼ / ▲** button to select return option to back to the previous menu.



## Viewing Multimedia Content from a USB Drive

### 2. Music

Play the music

Press ◀ / ▶ button to select Music in the main menu, then press **OK** button to enter.

Press ◀ / ▶ button to select drive disk you want to listen, then press **OK** button to enter.

Press ▼ / ▲ button to select music one by one and press **OK** button, then press **PLAY** button.

Press ▼ / ▲ button to select return option to back to the previous menu.



When highlighting the option you select, the file information will appear on the right.



## Viewing Multimedia Content from a USB Drive

### Movie

Press ◀ / ▶ button to select Movie in the main menu, then press **OK** button to enter.

Press ◀ / ▶ button to select drive disk you want to watch, then press **OK** button to enter.

Press ▼ / ▲ button to select movie one by one and press **OK** button, then press **PLAY** button.

Press ▼ / ▲ button to select return option to back to the previous menu.



### Text

Press ◀ / ▶ button to select Text in the main menu, then press **OK** button to enter.

Press ◀ / ▶ button to select drive disk you want to watch, then press **OK** button to enter.

Press ▼ / ▲ button to select Text one by one and press **OK** button, then press **PLAY** button.

Press ▼ / ▲ button to select return option to back to the previous menu.



## Troubleshooting

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- Do not use other functions that are not mentioned in this owner's manual.
- In case a problem occurs with your TV, please take the following steps first.
- If you still have the problem, turn the power off and visit the customer support page of our website listed on the front cover.

Problem	Action
The screen does not appear.	Is the power plug pulled out? Insert the power plug. Press the power button of the remote control.
The screen appears too slowly after the power is turned on.	This problem occurs for a brief time in the process of image elimination processing in order to hide temporary screen noise that occurs when the power is turned on. But if the screen does not come after 1 minute visit the customer support page of our website listed on the front cover.
Screen is too bright or too dark.	Perform brightness adjustment or Contrast adjustment.
Screen is too large or too small.	Adjust the screen size using the <b>ASPECT</b> key on the remote control.
Stripes appear on the screen and it shakes.	Stop using wireless telephones, hair driers and electric drills in close proximity to the TV.
The screen does not move.	Press the PAUSE button. Check if the Pause button is pressed on external equipment.
Screen appears, Voice is not heard	<ol style="list-style-type: none"> <li>1. Press the "MUTE" button.</li> <li>2. Increase the sound level by pressing volume adjustment button.</li> <li>3. Check if sound terminal of external input is connected properly.</li> <li>4. Check if audio cables are connected properly.</li> <li>5. Select and check the other input.</li> </ol> If the sound still does not work and the other channels are the same after you have done as the above, visit the customer support page of our website listed on the front cover.
Remote control does not work	<ol style="list-style-type: none"> <li>1. Check if main power is On.</li> <li>2. Check that the batteries of the remote controller were loaded properly.</li> <li>3. Check to see if any obstacle exists between the TV and the remote control, then remove it, if any.</li> <li>4. If the batteries have no power, replace them with two new batteries.</li> </ol>

## Specifications

	21.5" LED DVB-T TV/DVD	32" LED DVB-T TV/DVD
<b>Screen Size (diagonal)</b>	21.5"(55cm)	32"(81cm)
<b>Resolution (max):</b>	1920x1080	1366x768
<b>Aspect Ratio:</b>	16:9	16:9
<b>Brightness (cd/m<sup>2</sup>):</b>	180 cd/m <sup>2</sup>	180 cd/m <sup>2</sup>
<b>Contrast Ratio:</b>	1000:1	1400:1
<b>Main Power (DC):</b>	12V; 3A	12V; 3A
<b>Power consumption (max):</b>	36W	36W
<b>Power consumption (standby):</b>	<0.5W	<0.5W
<b>Operating Temp:</b>	0-40°C	0-40°C
<b>Audio Output:</b>	2 x 3W	2 x 5W
<b>Inputs:</b>	RF (75Ω Coaxial) USB x 1 HDMI x 1 PC Input (VGA + PC Audio) Component Video (YPBPR) Composite Video (RCA) Audio In (for YPBPR and RCA)	
<b>Outputs:</b>	COAX Earphone	

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