# ok.

# OLE 22540H-TB DVD

22" DVB-T/-C-S2 FJERNSYN //
22" DVB-T/-C-S2 FERNSEHER //
22" DVB-T/-C-S2 TELEVISION SET //
TÉLÉVISEUR 22" DVB-T/-C-S2

**NL** GEBRUIKSAANWIJZING

**DE** GEBRAUCHSANWEISUNG

**EN** USER MANUAL

**FR** MODE D'EMPLOI

**HDMI®**
HIGH-DEFINITION MULTIMEDIA INTERFACE

# Contents

## Safety Information

**CAUTION**

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

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

**To operate your TV in extreme ambient conditions may cause the damage of the device.**

If there is lightning or storms, or if the TV is not going to be used for a while (e.g. if going away on holiday), disconnect the TV set from the mains. The mains plug is used to disconnect TV set from the mains and therefore it must remain readily operable.

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.

*Note : Follow the on screen instructions for operating the related features.*

## IMPORTANT - Please read these instructions fully before installing or operating

⚠ **WARNING: Never let people (including children) with reduced physical, sensory or mental capabilities or lack of experience and / or knowledge use electrical devices unsupervised.**

- Use this TV set at an altitude of less than 2000 meters above the sea level, in dry locations and in regions with moderate or tropical climates.
- The TV set is intended for household and similar general use but may also be used in public places.
- For ventilation purposes, leave at least 5cm of free space around the TV.
- The ventilation should not be impeded by covering or blocking the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.
- The power cord plug should be easily accessible. **Do not** place the TV, furniture, etc. on the power cord. A damaged power cord/plug can cause fire or give you an electric shock. Handle the power cord by the plug, **do not** unplug the TV by pulling the power cord. Never touch the power cord/plug with wet hands as this could cause a short circuit or electric shock. Never make a knot in the power cord or tie it with other cords. When damaged it must be replaced, this should only be done by qualified personnel.
- Do not expose the TV to dripping or splashing of liquids and do not place objects filled with liquids, such as vases, cups, etc. on or over the TV (e.g., on shelves above the unit).
- Do not expose the TV to direct sunlight or do not place open flames such as lit candles on the top of or near the TV.
- Do not place any heat sources such as electric heaters, radiators, etc. near the TV set.
- Do not place the TV on the floor and inclined surfaces.
- To avoid danger of suffocation, keep plastic bags out of the reach of the babies, children and domestic animals.
- Carefully attach the stand to the TV. If the stand is provided with screws, tighten the screws firmly to prevent the TV from tilting. Do not over-tighten the screws and mount the stand rubbers properly.
- Do not dispose of the batteries in fire or with hazardous or flammable materials.

**Warning:** Batteries must not be exposed to excessive heat such as sunshine, fire or the like.

| ⚠ Caution | Serious injury or death risk |
|---|---|
| ⚡ Risk of electric shock | Dangerous voltage risk |
| ⚠ Maintenance | Important maintenance component |

## Markings on the Product

The following symbols are used **on the product** as a marker for restrictions and precautions and safety instructions. Each explanation shall be considered where the product bears related marking only. Note such information for security reasons.

**Class II Equipment:** This appliance is designed in such a way that it does not require a safety connection to electrical earth.

**Class II Equipment With Functional Earthing:** This appliance is designed in such a way that it does not require a safety connection to electrical earth, the earth connection is used for functional purposes.

**Protective Earth Connection:** The marked terminal is intended for connection of the protective earthing conductor associated with the supply wiring.

**Hazardous Live Terminal:** The marked terminal(s) is/are hazardous live under normal operating conditions.

**Caution, See Operating Instructions:** The marked area(s) contain(s) user replaceable coin or button cell batteries.

**CLASS 1 LASER PRODUCT**

**Class 1 Laser Product:** This product contains Class 1 laser source that is safe under reasonably foreseeable conditions of operation.

## WARNING

Do not ingest the battery, Chemical Burn Hazard

This product or the accessories supplied with the product may contain a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

## WARNING

Never place a television set in unstable or inclined locations. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as;

• Using cabinets or stands recommended by the manufacturer of the television set.

• Only using furniture that can safely support the television set.

• Ensuring the television set is not overhanging the edge of the supporting furniture.

• Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.

• Not standing the television set on cloth or other materials placed between the television and supporting furniture.

• Educating children about the dangers of climbing on furniture to reach the television set or its controls. If your existing television set is being retained and relocated, the same considerations as above should be applied.

## WALL MOUNTING WARNINGS

• Read the instructions before mounting your TV on the wall.

• The wall mount kit is optional. You can obtain from your local dealer, if not supplied with your TV.

• Do not install the TV on a ceiling or on an inclined wall.

• Use the specified wall mounting screws and other accessories.

• Tighten the wall mounting screws firmly to prevent the TV from fall. Do not over-tighten the screws.

## WARNING

Apparatus connected to the protective earthing of the building installation through the MAINS connection or through other apparatus with a connection to protective earthing – and to a television distribution system using coaxial cable, may in some circumstances create a fire hazard. Connection to a television distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11)

## Getting Started

### Environmental Information

This television is designed to consume less energy to help save the environment. To reduce energy consumption, you should take the following steps:

If you set the Power Save Mode as **Eco**, the TV will switch to energy-saving mode. The Power Save Mode settings can be found in the 'Picture' section of the Main Menu. Note that some picture settings will be unavailable to be changed.

If **Picture Off** is selected, "Screen will be off in 3 seconds." message will be displayed. Select **PROCEED** and press **OK** to continue. The screen will be off immediately.

When the TV is not in use, please switch off or disconnect the TV from the mains plug. This will also reduce energy consumption.

### Standby Notifications

1) If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 5 minutes, the TV will go into standby. When you next switch-on, the following message will be displayed: **"Standby Cause No Signal"** Press **OK** to continue.

2) If the TV has been left on and not been operated for a while, the TV will go into standby. When you next switch-on, the following message will be displayed. **"Standby Cause No Operation"** Press **OK** to continue.

### Features

• Remote controlled colour LED TV.

• Fully integrated digital/cable/satellite TV (DVB-T2/C/S)

• HDMI inputs are for connecting a device that has a HDMI socket.

• USB input.

• OSD menu system.

• Scart socket for external devices (such as DVD Players, PVR, video games, etc.)

• Stereo sound system.

• Teletext.

• Headphone connection.

• Automatic programming system.

• Manual tuning.

• Automatic power down after up to six hours.

• Sleep timer.

• Child lock.

• Automatic sound mute when no transmission.

• NTSC playback.

• AVL (Automatic Volume Limiting).

• PLL (Frequency Search).

• PC input.

• Plug&Play for Windows 98, ME, 2000, XP, Vista, Windows 7.

• Game Mode (Optional).

### Accessories Included

• Remote Control

• Batteries: 2 x AAA

• Instruction Book

• DC 12 V Input Power Adaptor 

• Car Plug

### TV Control Switch & Operation
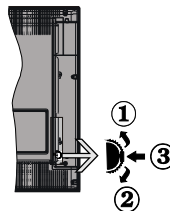


**1.** Up direction

**2.** Down direction

**3.** Programme/Volume / AV / Standby-On selection switch

The Control button allows you to control the Volume/ Programme/ Source and Standby-On functions of the TV.

**To change volume:** Increase the volume by pushing the button up. Decrease the volume by pushing the button down.

**To change channel:** Press the middle of the button, the channel information banner will appear on screen. Scroll through the stored channels by pushing the button up or down

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**Be sure to ground the connection properly.**

Connect the ground terminal of the AC adaptor with the ground terminal provided at the power outlet using the enclosed power cord. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.



Surely connect the ground wire

**To change source:** Press the middle of the button twice, the source list will appear on screen. Scroll through the available sources by pushing the button up or down.

**To turn the TV off:** Press the middle of the button down and hold it down for a few seconds, the TV will turn into standby mode.

### Inserting the Batteries into the Remote

Remove the screw that secure the battery compartment cover on the back side of the remote control first. Lift the cover gently. Insert two **AAA** batteries. Make sure the (+) and (-) signs match (observe correct polarity). Place the cover back on. Then screw the cover back on again.
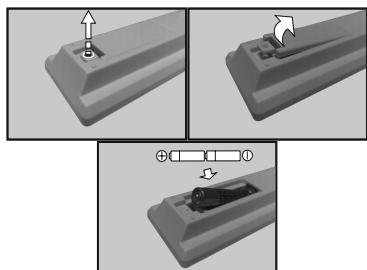


### Connect Power

**IMPORTANT**: The TV set is designed to operate on **100-240V AC, 50/60 Hz** socket. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the power cable to the mains socket outlet.

### Antenna Connection

Connect the aerial or cable TV plug to the AERIAL INPUT (ANT) socket or satellite plug to SATELLITE INPUT (LNB) socket located on the back of the TV.
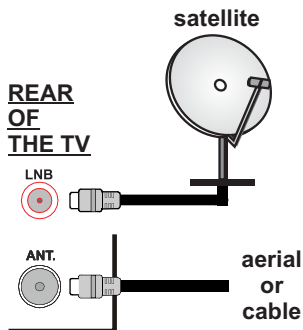


### Notification

Manufactured under license from Dolby Laboratories.

**TRADEMARK ACKNOWLEDGMENT**

 "Dolby" and the double-D symbol are trademarks of Dolby Laboratories.

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

**Information for Users on Disposal of Old Equipment and Batteries**

**[European Union only]**

These symbols indicate that equipment with these symbols should not be disposed of as general household waste. If you want to dispose of the product or battery, please consider the collection systems or facilities for appropriate recycling.

*Notice: The sign Pb below the symbol for batteries indicates that this battery contains lead.*



**Products**          **Battery**
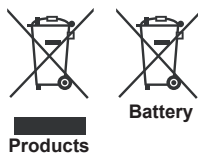
### Specification

| | |
|---|---|
| **TV Broadcasting** | PAL B/G D/K K I/I' |
| **Receiving Channels** | VHF (BAND I/III) - UHF (BAND U) - HYPERBAND |
| **Number of Preset Channels** | 10000 |
| **Channel Indicator** | On Screen Display |
| **RF Aerial Input** | 75 Ohm (unbalanced) |
| **Operating Voltage** | 100-240V AC, 50/60Hz. |
| **Audio** | German+Nicam Stereo |
| **Audio Output Power (WRMS.) (10% THD)** | 2 x 2,5 |
| **Power Consumption** | 47 W |
| **Weight** | 3,70 |
| **TV Dimensions DxLxH (with foot)** | 134 x 516 x 352 |
| **TV Dimensions DxLxH (without foot)** | 55 x 516 x 317 |
| **Operation temperature and operation humidity:** | 0ºC up to 40ºC, 85% humidity max |

# Getting Started

## Remote Control
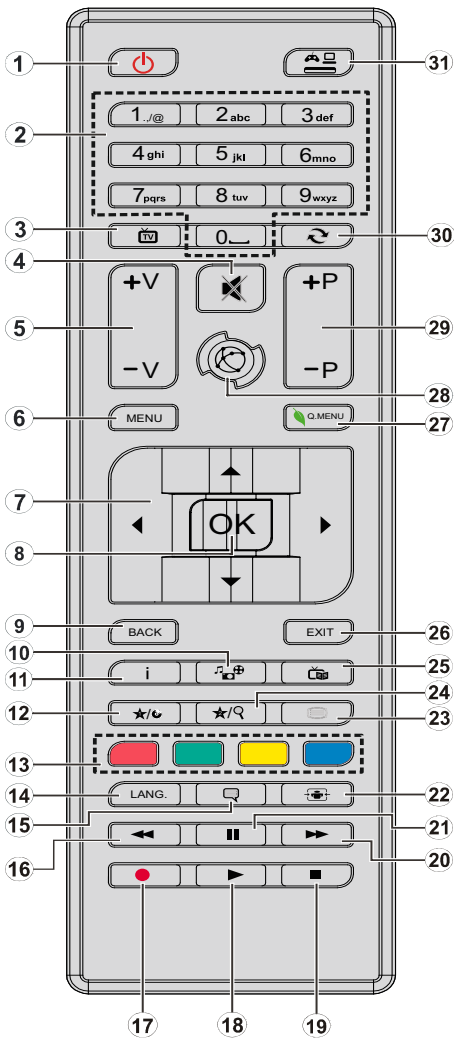


1. **Standby:** On / Off switch of the TV
2. **Numeric buttons:** Used to navigate channels and enter passwords, text etc.
3. **TV:** Displays channel list / Switches among broadcast types
4. **Mute:** Completely turns off the volume of the TV
5. **Volume +/-**
6. **Menu:** Displays TV menu
7. **Navigation buttons:** Helps navigate menus, content etc. and displays the subpages in TXT mode when pressed Right
8. **OK:** Confirms user selections, holds the page (in TXT mode), views channel list (DTV mode)
9. **Back:** Returns to previous screen, opens index page (in TXT mode)
10. **Media browser:** Opens the media browsing screen
11. **Info:** Displays information about on-screen content, shows hidden information (reveal - in TXT mode)
12. **My button 1 (*)**
13. **Coloured Buttons**
14. **Language:** Switches between sound modes (analogue TV), displays and changes audio/subtitle language (where available)(digital TV)
15. **Subtitles:** Turns subtitles on and off (where available)
16. **Rapid reverse:** Moves frames backwards in media such as movies
17. **Record:** Records programmes
18. **Play:** Starts to play selected media
19. **Stop:** Stops the media being played
20. **Rapid advance:** Moves frames forward in media such as movies
21. **Pause:** Pauses the media being played, starts timeshift recording
22. **Screen:** Changes the aspect ratio of the screen
23. **Text:** Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (mix)
24. **My button 2 (*)**
25. **EPG (Electronic programme guide):** Displays the electronic programme guide
26. **Exit:** Closes and exits from displayed menus or returns to previous screen
27. **Quick Menu:** Displays a list of menus for quick access
28. No function
29. **Programme +/-**
30. **Swap:** Quickly cycles between previous and current channels
31. **Source:** Shows all available broadcast and content sources
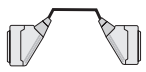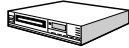
### MY BUTTON 1
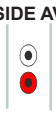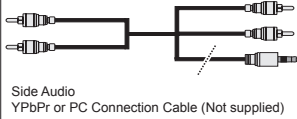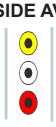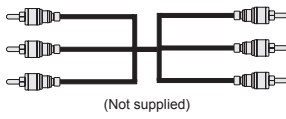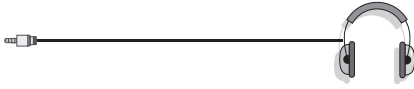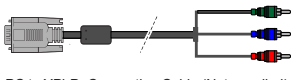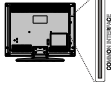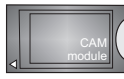
Press MY BUTTON 1 for five seconds when on a desired source, channel or link, until the "MY BUTTON IS SET" message is displayed on the screen. This confirms that the selected MY BUTTON is now associated with the selected function.

### MY BUTTON 2

Press MY BUTTON 2 for five seconds when on a desired source, channel or link, until the "MY BUTTON IS SET" message is displayed on the screen. This confirms that the selected MY BUTTON is now associated with the selected function.

# Getting Started

## Connections

| Connector | Type | Cables | Device |
|---|---|---|---|
| | Scart Connection (back) | | |
| | VGA Connection (back) | | |
| SIDE AV | PC/YPbPr Audio Connection (side) | Side Audio YPbPr or PC Connection Cable (Not supplied) | |
| | HDMI Connection (back) | | |
| SPDIF | SPDIFF Connection (back) | | |
| SIDE AV | Side AV (Audio/Video) Connection (side) | (Not supplied) | |
| HEADPHONE | Headphone Connection (side) | | |
| | YPbPr Video Connection (back) | PC to YPbPr Connection Cable (Not supplied) | |
| USB | USB Connection (side) | | |
| | CI Connection (side) | | CAM module |
| 12V ⎓ DC IN | DC 12 V Input | V+  V+  V-  V- | |

*NOTE: When connecting a device via the Side AV input, you must use the supplied connection cables to enable connection. See the illustrations above. You can use YPbPr to VGA cable (not supplied) to enable YPbPr signal via VGA input. You cannot use VGA and YPbPr at the same time. To enable PC audio, you will need to use the SIDE AV CONNECTION cable's WHITE & RED inputs. If an external device is connected via the SCART socket, the TV will automatically switch to AV mode. When receiving DTV channels (Mpeg4 H.264) or while in Media Browser mode, output will not be available via the scart socket. When using the wall mounting kit (optional), we recommend that you plug all your cables into the back of the TV before mounting on the wall. Insert or remove the CI module only when the TV is SWITCHED OFF. You should refer to the module instruction manual for details of the settings.*

## Getting Started

### Switching On/Off

#### To Switch the TV On

Connect the power cord to the 100-240V AC, 50/60 Hz.

To switch on the TV from standby mode either:

Press the "⏻" button, **P+** / **P-** or a numeric button on the remote control.

Press the side function switch until the TV comes on from standby.

#### To Switch the TV Off

Press the "⏻" button on the remote control or press the side function switch until the TV switches into standby mode.

**To power down the TV completely, unplug the power cord from the mains socket.**

*Note: When the TV is switched to standby mode, the standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active. The LED can also blink when you switch on the TV from standby mode.*

### First Time Installation

When turned on for the first time, the language selection screen is displayed. Select the desired language and press OK.

The First Time Installation (FTI) screen will be displayed next. Set your preferences using the navigation buttons and when finished, press OK to continue.

You can activate **Store mode** option to be available in "Other settings" menu and your TV's features will be illustrated on the top of the screen. A confirmation screen will be displayed. Select **YES** to proceed.

If Home Mode is selected, Store mode will not be available after the First Time Installation. Press **OK** button to continue.

***Default PIN code can change depending on the selected country.***

*If you are asked to enter a PIN code for viewing a menu option, use one of the following codes: 4725, 0000 or 1234.*

### Aerial Installation

If you select **AERIAL** option from the **Search Type** screen, the television will search for digital terrestrial TV broadcasts.

✎ *NOTE: You can press MENU button to cancel.*

After all the available stations are stored, the Channel List will be displayed on the screen. If you like how the channels are sorted according to the LCN (*), please select "Yes" and than press **OK**.

Press **MENU** button to quit channel list and watch TV.

(*) LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel sequence (if available).

### Cable Installation

If you select **CABLE** option and press **OK** button on the remote control. To continue, please select **YES** and press **OK**. To cancel operation, select NO and press **OK**. You can select frequency ranges from this screen.

Enter the frequency range manually by using the numeric button.

*Note: Searching duration will change depending on the selected search step.*

### Satellite Installation

If you select **Satellite** option from the **Search Type** screen, you can set a satellite and watch the satellite channels. When you select Satellite installation, **Antenna Type** menu will be displayed.

There are three types of antenna selection. You can select **Antenna type** as **Direct**, **Unicable** or **DiSEqC** switch by using "◀" or "▶" buttons.

**Direct:** If you have a single receiver and a direct satellite dish, select this antenna type. After selecting **Direct**, another menu screen will be displayed. Select an available satellite and press **OK** to scan for services.

**Unicable:** If you have multiple receivers and a unicable system, select this antenna type. Press **OK** to continue. Configure settings by following instructions on the screen. Press **OK** to scan for services.

**DiSEqC switch**: If you have multiple satellite dishes and a **DiSEqC switch**, select this antenna type. After selecting DiSEqC switch, another menu screen will be displayed. You can set four **DiSEqC** options (if available). Press **GREEN** button to scan all satellites or press **YELLOW** button to scan only the highlighted satellite. To save and exit press **OK** button.

### Media Playback via USB Input

*You can connect external hard drives (hard drives with or without external power cables, depending on their voltage) or a USB port to your TV through your TV's USB ports.*

**IMPORTANT!** Backup your files before making any connection to the TV. Note that the manufacturer shall not be held accountable if files are damaged or data lost. Some types of USB devices (MP3 players for example) or USB "**hard drives / memory cards"** ''may be incompatible with this television. This television supports FAT32 and NTFS disk formatting. However, **you will not be able to record with NTFS formatted disks.**

If your hard drive's capacity is above 1TO, you may experience some issues with formatting. Avoid disconnecting your reader quickly after inserting it in the television's USB port. This can physically damage the USB reader and the USB device itself. Never remove the USB while a file is being read.

### Recording a programme

*IMPORTANT*: When using a new USB hard drive reader, it is advisable to first format the disk using the **"Format disk"** option of your television.

**Note:**To record a programme, you first have to connect a 2.0 compatible USB device at least, if not an error message will appear, to your television which you would have turned off before this. Then turn on the TV set in order to enable the record function.

To use the record function, you have to connect a USB key or an external hard drive to the television. The USB key connected should have a capacity of 1 GB at least. A 4 Go key is recommended.

*Note*: Programmes recorded are saved on your USB device. You can "**copy"** these recordings on a computer if you want. However, they can be read only on your television.

*Note*: You cannot record radio broadcasts. The maximum duration of a recording is unlimited. During simultaneous recording (time shift) an image-sound gap may occur.

Programmes recorded are divided into 4 GB partitions.

If the write speed of the USB device connected is insufficient, the recording may fail and the time shift option may not be available.

As such, it is advisable to use USB devices that are HD compatible.

Avoid disconnecting your USB device during recording. If you do, you may damage the device.

It is possible to have multiple partitions on your device (maximum of 2). The television can support a maximum of two different partitions. The first partition of the USB disk will be used for the recording function (PVR).

Due to some antenna issues, it will not be possible to record some signal data. Also, the images may be blurry during playback.

The **Record, Play, Pause, Display** buttons (for PlayListDialog) are not active in Teletext mode. If a recording starts from the timer when the teletext is active, the latter will be disabled automatically. Teletext does not function in multimedia mode.

### Time shift recording

Press the ❚❚ (PAUSE) button while watching a programme to switch to delayed replay mode. When you use this mode, the programme pauses and the recording continues.

Press the ▶ (PLAY) button again to watch the paused programme. Press the **STOP** button to stop recording and return to real time broadcast

*Note: This function is not available in radio mode. You may use the fast forward /fast rewind buttons to browse.*

*Note: You cannot use the  fast rewind and fast forward buttons if you are not in play mode.*

### Instant Recording

Press the ⬤ (RECORD) button to start instant recording of a programme while you're watching it. The recording will be done based on the EPG. You can press the ⬤ (RECORD) button on the remote control again to record the next programme on the EPG (Electronic Programme Guide). In this case, the programmes scheduled for recording will be displayed on the screen. Press the ⬛ (STOP) button to cancel instant recording.

*Note: In instant recording mode, you cannot change channels or watch a source other than that being recorded. When recording a programme during a time shifting, a warning message will appear on the screen if your USB device's speed is not sufficient.*

### Watching recorded programmes

Select the **Recordings in library** option under the **media browser** menu. Select one of the recordings in the list. Press the **OK** button to display the **play options**. Select an option and press the **OK**

*Note: The display of the main menu and the submenus are not available when playing recordings.*

Press the ⬛ (STOP) button to stop playing and return to the recordings in the Library.

## Slow forward

If you press the ❚❚(PAUSE) button while watching a recorded programme, the slow forward option will be available. You can use the ▶▶ button for the slow forward. To modify the slow forward speed, press the ▶▶ button.

### Record settings

Select **Record settings** option in the **Settings** menu to configure recording parameters.

**Format the disc** : You can use the disk formatting option to format the connected USB disc. Your PIN code will then be asked.

*The default PIN code can change depending on the country selected.*

*If a PIN code is required to display a menu option, enter one of the following codes: 4725, 0000 or 1234.*

**IMPORTANT** : Note that all the data contained in the USB device will be lost and the device will be formatted using FAT32. Also, if your USB device does not function properly, you can try to format it. In most cases, formatting the USB device solves the problem, however, ALL the data contained in the USB disc are lost in the same situation.

## Media Browser Menu

You can play photo, music, and movie files stored on a USB disk by connecting it to your TV. Connect a USB disk to one of the USB inputs located on the side of the TV. Pressing the **MENU** button while in the Media Browser mode will access the Picture, Sound and Settings menu options. Pressing the **MENU** button again will exit from this screen. You can set your Media Browser preferences by using the Settings Menu.

| *Loop/Shuffle Mode Operation* | |
|---|---|
| Start playback with ▶ and activate 🔁 | TV plays next file and loop the list. |
| Start playback with OK and activate 🔁 | the same file will be played in a loop (repeat). |
| Start playback with OK/▶ and activate 🔀 | the file will be played in a shuffle. |

## Quick Menu

Quick Settings menu allows you to access some options quickly. This menu includes Power Save Mode, Picture Mode, Favourites and Sleep Timer options. Press **Q.MENU** button on the remote control to view quick menu. See the following chapters for the details of the listed features.

| Picture Menu Contents | |
|---|---|
| **Mode** | You can change the picture mode to suit your preference or requirements. Picture mode can be set to one of these options: **Cinema**, **Game**, **Dynamic** and **Natural**. |
| **Contrast** | Sets contrast level of the screen. |
| **Brightness** | Sets the brightness value for the screen. |
| **Sharpness** | Sets the sharpness value for the objects displayed on the screen. |
| **Colour** | Sets the color saturation. |
| **Power Save Mode** | To set the Power Save Mode as Eco, Picture Off and Disabled.<br>(When the Mode is Dynamic, Power Save mode is automatically set as disabled.) |
| **Backlight (Optional)** | This setting controls the backlight level. The backlight function will be inactive if the Power Save Mode is set to Eco. The backlight cannot be activated in VGA, Media Browser mode or while the picture mode is set to Game. |
| **Noise Reduction** | If the broadcast signal is weak and the picture is noisy, use the **Noise Reduction** setting to reduce the amount of noise. |
| Advanced Settings | |
| **Dynamic Contrast** | You can change the Dynamic Contrast ratio to desired value. |
| **Colour Temp** | Sets the color temperature. |
| **Picture Zoom** | Sets the desired picture size from picture zoom menu.<br>***Note***: Auto (Only available in Scart mode with SCART PIN8 high voltage/low voltage switching) |
| **HDMI True Black(optional)** | While watching from HDMI source, this feature will be visible in the Picture Settings menu. You can use this feature to enhance blackness in the picture |
| **Film Mode** | Films are recorded at a different number of frames per second to normal television programmes. Turn this feature on when you are watching films to see the fast motion scenes clearly. |
| **Skin Tone** | Skin tone can be changed between -5 and 5. |
| **Colour Shift** | With this option you can adjust the color shift to green or to red. |
| **RGB Gain** | You can configure the colour temperature values using the RGB Gain feature. |
| **Reset** | Resets the picture settings to factory default settings.(Except Game Mode) |
| **Autoposition (in PC mode)** | Automatically optimizes the display. Press OK to optimize. |
| **H Position (in PC mode)** | This item shifts the image horizontally to the right hand side or left hand side of the screen. |
| **V Position (in PC mode)** | This item shifts the image vertically towards the top or bottom of the screen. |
| **Dot Clock (in PC mode)** | Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts. |
| **Phase (in PC mode)** | Depending on the resolution and scan frequency that you input to the TV set, you may see a hazy or noisy picture on the screen. In such a case you can use this item to get a clear picture by trial and error method. |
| *While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in PC mode.* | |

| Sound Menu Contents | |
|---|---|
| Volume | Adjusts the volume level. |
| Equalizer | Selects the equalizer mode. Custom settings can be made only when in user mode. |
| Balance | This setting is used for emphasizing left or right speaker balance. |
| Headphone | Sets headphone volume. |
| Sound Mode | You can select a sound mode. (If the selected channel supports). |
| AVL (Automatic Volume Limiting) | Function sets the sound to obtain fixed output level between programmes. |
| Digital Out | Sets digital out audio type. |
| **Settings Menu Contents** | |
| Conditional Access | Controls conditional access modules when available. |
| Language | Configures language settings (may change depending on the country selected) Preferred and current settings will be available. Current settings can be changed only if the broadcaster supports. |
| Parental | Enter correct password to change parental settings. You can easily adjust menu lock, maturity lock (may change depending on the country selected) and child lock in this menu. You can also set new pin number. |
| Timers | Sets sleep timer to turn off the TV after a certain time. Sets timers for selected programmes. |
| Record settings | Displays the record settings menu, accessible if your (USB device is connected. |
| Date/Time | Sets date and time. |
| Sources | Enables or disables selected source options. |
| Satellite settings | Displays the satellite settings. |
| **Other Settings: Displays other setting options of the TV set:** | |
| Menu Timeout | Changes timeout duration for menu screens. |
| Scan Encrypted Channels | When this setting is on, the search process will locate the encrypted channels as well. |
| Blue Background | Activates or deactivates the blue background system when the signal is weak or absent. |
| Software Upgrade | To ensure that your TV always has the most up to date firmware. |
| Application Version | Displays application version. |
| Hard of Hearing | Enables any special feature sent from the broadcaster. |
| Audio Description | Audio description refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies. You can use this feature, only if the broadcaster supports that additional narration track. *Note: Audio description sound feature cannot be available in recording or time shifting mode.* |
| Auto TV Off | You can set the timeout value of auto off feature. When the timeout value is reached and the TV has not been operated for a selected time, the TV will go into standby mode. |

## TV Menu Features and Functions

| | |
|---|---|
| **Standby Search (Optional)** | If the Standby Search is set to On, when the TV is in standby mode, available broadcasts will be searched. If the TV locates any new or missing broadcasts, a menu screen will be displayed, asking you whether or not to execute these changes. Channel list will be updated and changed after this process. |
| **Store Mode** | If you are displaying the TV in a store, you can activate this mode. Whilst Store <br><br> Mode is enabled, some items in the TV menu may not be available. |
| **BISS Key** | Biss is a satellite signal scrambling system that is used for some broadcasts. If you need to enter BISS key on a broadcast, you can use Biss Key setting located in the Other Settings menu. Highlight Biss Key and press OK to enter keys on the desired broadcast. |
| **Power Up Mode** | This setting configures the power up mode preference. |

## Install and Retune Menu Contents

| | |
|---|---|
| **Automatic Channel Scan (Retune)** <br><br> **(If available)** | Displays automatic tuning options. Digital Aerial: Searches and stores aerial DVB stations. Digital Cable: Searches and stores cable DVB stations. Analogue: Searches and stores analogue stations. Digital Aerial & Analogue: Searches and stores aerial DVB and analogue stations. Digital Cable & Analogue: Searches and stores cable DVB and analogue stations. <br><br> Satellite: Searches and stores satellite stations |
| **Manual Channel Scan** | This feature can be used for direct broadcast entry. |
| **Network Channel Scan** | Searches for the linked channels in the broadcast system. |
| **Analogue Fine Tune** | You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored. |
| **First Time Installation** | Deletes all stored channels and settings, resets TV to factory settings. |

# General TV Operation

## Using the Channel List

The TV sorts all stored stations in the Channel List. You can edit this channel list, set favourites or set active stations to be listed by using the Channel List options.

## Configuring Parental Settings

*To prohibit viewing of certain programmes, channels and menus can be locked by using the parental control system.*

To display parental lock menu options, the PIN number should be entered. The factory default PIN number is **0000**. After coding the correct PIN number, parental settings menu will be displayed.

**Menu Lock**: Menu lock setting enables or disables the menu access.

**Maturity Lock**: When set, this option gets the maturity information from the broadcast and if this maturity level is disabled, disables access to the broadcast.

**Child Lock**: When Child Lock is set, the TV can only be controlled by the remote control. In this case the control panel buttons will not work.

**Set PIN**: Defines a new PIN number.

***Default PIN code can change depending on the selected country.***

*If you are asked to enter a PIN code for viewing a menu option, use one of the following codes: 4725, 0000 or 1234.*

## Electronic Program Guide (EPG)

Some channels, not all, display information concerning the on-going program and the next one. Press the ⊕ button to get access to the EPG menu.

Through this menu, you will have access to the following information: Channels program, and summary of selected program. Press the INFO button of the remote control, reserve or record a selected program.

**Red button (Previous day)** displays the previous day's programs.

**Green button (Next day) :** displays the next day's programs.

**Yellow button (Zoom)**: Displays more information concerning the program.

**Blue button (filter :** Displays filter options.

**SUBTITLE :** Press the ⊜ button to see menu of the type selected. By using this functionality, you can check the program guide database depending on the type selected. Information available in the program guide will be searched and the results corresponding to your criteria will be listed.

**INFO:** Displays detailed information on the selected program.

**Digital buttons (Skip)**: Go straight to your favourite channel by using digital buttons.

**OK :** After selecting a program, if you press the OK button, you access the following functions : **View** channel, **Store**, and / or **Reserve** the selected program.

**Text (Search):** Displays the EPG search **menu**. (Search guide).

 ◎ **(Info)** : Displays information related to on-goingprograms.

 ⬤ **(**RECORDING**):** The television starts to record the selected program. You can press again to stop recording.

*P+P-:* More info on the events

*IMPORTANT : Connect your USB device only when your television is turned off. Then turn on the TV set in order to enable the record function.*

*Note: During recording,it is not possible to change the channel or Source.*

*Note: It is impossible to record two channels at the same time.*

## Software update

Your television can, through the antenna or cable, search and provide updates.

## Software update search via the user interface

Simply go through the main menu. Choose **Settings and** select other settings **menu**. In the **Other settingsmenu**, select **Software update** and press the **OK** button to open the **Update options menu.**

## 3 Search and update mode

When the TV set receives signal from the antenna. If the **Automatic search** option in the **Update options menu** is active, the television automatically turns on at 3:00 a.m. and launches the search for broadcasting channels in order to update the new software. If new software is found and downloaded successfully, the television begins to work with the new software version when next it is turned on.

*Note: If the television does not come on after the update, disconnect it for two minutes, then connect it again.*

## Troubleshooting and tips

### The TV is not coming on

Check to ensure that the electricity plug is safely connected to the wall socket or that the batteries of the remote control are functional.

### Poor picture quality

• Check if your antenna is properly connected. A poor signal level can negatively affect image quality.

• If you carried out manual settings, verify that you entered the right channel frequency.

• Image quality may be affected negatively when two devices are connected to the television set at the

same time. If such is the case, disconnect one of the devices.

## No image

• No image indicates that your TV is not receiving a signal. Have you selected the correct buttons on the remote control? Try once more. Also make sure that you have selected the right input source.

• Is the antenna connected properly?

• Is the antenna cable damaged?

• Are suitable plugs used to connect the antenna?

• If you are not sure , please consult your supplier.

## No sound

• Has the **mute** button been pressed? If that is the case, press the "⚔" button, or increase the volume.

• Only one speaker is producing sound. Is the balance well placed in the middle? Consult the Sound menu.

## The remote control is not working

• The batteries may be down. Replace the batteries.

## Input sources cannot be selected.

• If you cannot select an input source, it is possible that no device is connected.

• Check the AV cables and connections if you have tried to connect a device.

## Recording not available

To record a programme, you first have to connect your USB device to your television which you have to shut down first. Then turn on the TV set in order to enable the record function. If you are unable to record, try turning off the television and inserting the USB device again.

## The USB device is too slow

If the message "USB too slow" appears on the screen at the start of a recording, try starting the recording again. If the same error message appears, it is possible that your USB device does not have the required speed. Try to connect another USB device.

## Teletext

Press ▤ button to enter. Press again to activate mix mode. Press once more to exit. Follow the instructions displayed on digital teletext screen.

### Digital Teletext (for UK only)

Press ▤ button to view digital teletext information. Operate it with the coloured buttons, cursor buttons and the **OK** button. The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on the digital teletext screen. When the ▤ button is pressed again, the TV returns to television broadcast.

# *DVD Mode*

### Safety Information

### CAUTION

DVD Player is a class 1 laser product. This product use a visible laser. This laser could harm when pointed direct to eyes. Be sure to operate the player correctly as instructed.

```
CLASS 1
LASER PRODUCT
```

### RISK OF ELECTRIC SHOCK

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 of 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.

### Notes on Discs

### On handling discs

• To keep the disc clean, handle the disc by its edge. Do not touch the surface.

• Do not stick paper or tape on the disc.

• If the disc is contaminated with any substance like glue remove before using it.
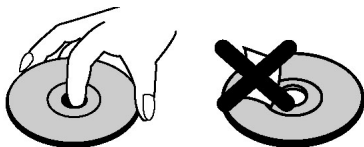


• Do not expose the disc to direct sunlight or heat sources such as hot air ducts, or leave it in a car parked in direct sunlight as the temperature can rise quickly and damage the disc.

• After playing, store the disc in its case.

### On cleaning

• Before playing, clean the disc with a cleaning cloth. Wipe the disc from the center out.
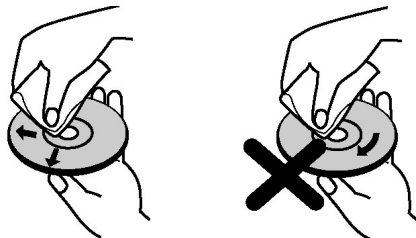


• Do not use solvents such as benzine, thinner, commercially available cleaners or anti-static spray intended for vinyl LPs.

### Licence Notification

• This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering and disassembly are prohibited.

### How to Watch a DVD

When placing a disc into the loader, labeled side of the disc should be on the front:
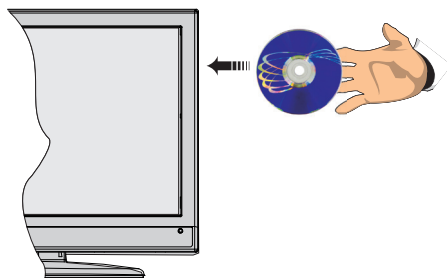


When TV set is turned on, first switch to DVD source by using the **SOURCE** button on the remote control. Press play on the remote control, or directly press play button at the front panel. If there is no disc inside the loader, place a DVD first and press play.

*Note: If you switch to another source by pressing SOURCE, SWAP or P+/P- buttons on the remote control, DVD playback will be paused automatically. You should press PLAY and resume the playback manually when you switch to DVD mode.*

## DVD Control Panel Buttons

**A. Disc loader**

**B. Play / Pause**

Plays/pauses the disc. When DVD menu (root menu) is active, this button functions as "button select" (selects the highlighted item in menu) if this is not prohibited by the disc.

**C. Stop / Eject**

Stop playing disc / Eject or Load the disc Note:

• You cannot eject the disc via the remote control.

• While playing a file, you should press STOP button three times to eject.
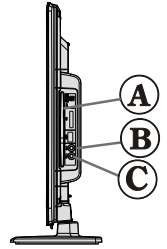
## Overview of the Remote Control

1. Standby
2. Numeric buttons
3. TV Menu
4. Navigation buttons
5. OK / Select
6. Back
7. Angle
8. Info
9. Display / DVD Menu
10. Zoom
11. Language selection
12. Subtitle
13. Rapid reverse
14. Play
15. Stop
16. Rapid advance
17. Pause
18. Root
19. Title
20. Repeat
21. Search mode
22. Source
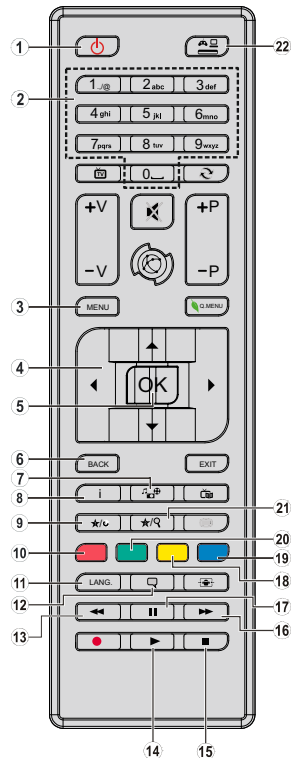
*Note: Buttons not indicated with a number are not functional in DVD mode.*

## General Operation

*You can operate DVD, movie CD, music or picture CD's content by using the proper buttons on your remote control. Below are main functions of commonly used remote control buttons.*

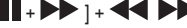| Buttons on the Remote Control | DVD Playback | Movie Playback | Picture Playback | Music Playback |
|---|---|---|---|---|
| ▶ | Play | Play | Play | Play |
| ‖ | Pause | Pause | Pause | Pause |
| ■ | Stop | Stop | Stop | Stop |
| ◀ / ▶ | Skip backward/ forward | Skip backward/ forward | Rotate | Skip backward/forward |
| ▲ / ▼ | Highlights a menu item / Shifts the zoomed picture up or down (if available). | | | |
| ◀◀ / ▶▶ | Fast reverse / Fast forward | | | |
| 📷 | Views the scene from different angles (if available) | | Changes slide effect (depends on the content) | X |
| MY BUTTON1 | Displays time / Views main setup menu | | | |
| INFO | Time counter mode selection (during playback). Press repeatedly to switch between modes. | | | |
| LANG. | Audio language. | | X | X |
| MENU | Displays TV menu. | | | |
| OK / SELECT | Enter / View / Play | | | |
| GREEN | Displays repeat options. | | | |
| RETURN | Returns back to the previous menu (if available). | | | |
| YELLOW | Goes back to the root folder (if available). | | | |
| MY BUTTON2 | Direct selection of scenes or time. | | Selects the desired file. | Selects the desired file. |
| SUBTITLE | Subtitle on-off. Press repeatedly to switch between subtitle options. | | X | X |
| SWAP | Media source selection. | | | |
| BLUE | Displays disc menu (if available). | Displays disc menu (if available). | X | X |
| RED | Zooms picture. Press repeatedly to switch between zoom options. | | | |

| Other Functions – Button Combinations (During playback) | |
|---|---|
| ‖ + ▶▶ | Slow forward. |
| [ ‖ + ▶▶ ] + ◀◀ ▶▶ | Sets slow forward speed. |
| ▶▶ + ▶▶ | Sets fast forward speed. |
| ◀◀ + ◀◀ | Sets fast reverse speed. |
| ■ + ■ | Confirms stop command. |

(*) You can switch to title by pressing numeric keys directly. You need to press 0 and then digit key to switch one digit titles (example: to select 5, press 0 and 5).

## General Playback

### Basic Play

1. Press on the power button
2. Please insert a disc to the loader.

The disc will be automatically loaded and play commences if the disc does not have any menus recorded on it.

A menu may appear on the TV screen after a few moments or the film may start immediately after the introduction of the Film Company. This behaviour depends on the disc content and may change.

*Note: Step 3 and 4 is available only when a menu is recorded on the disc.*

3. Press "▼" / "▲" / "◄" / "►" or the number button (s) to select the preferred title.
4. Press OK.

Play of the selected items now starts. The played item may be a motion picture, a still picture or another submenu depending on the disc.

### For your reference:

*If an action corresponding to a button is prohibited the "⊘" symbol appears.*

### Notes on Playback:

1. No sound will be heard during Rapid advance or Rapid reverse.
2. No sound will be heard during Slow motion play.
3. Reverse slow motion play is not available.
4. In some cases, the subtitle language is not changed immediately to the selected one.
5. When the preferred language is not selected even after pressing the button several times, it means that the language is not available on the disc.
6. When the player is restarted or the disc is changed, the subtitle selection is automatically changed back to the initial settings.
7. If a language is selected, not supported by the disc, the subtitle language will automatically be set to the disc's priority language.
8. Usually a circulation will happen while switching to another language, that is you can cancel the subtitle by pressing this button a number of times until "Subtitle Off" appears on the screen.
9. When the power is turned on or the disc is removed, the language heard is the one selected at the initial settings. If this language is not recorded on the disc, only the available language on the disc will be heard.
10. Some DVDs may not contain root and/or title menus.
11. Reverse stepping is not available.
12. For your convenience:

If you attempt to enter a number greater than the total time of the current title, the time search box disappears and "⊘ Input Invalid" message appears on up-left corner of screen.

13. Slide Show is disabled when the ZOOM mode is on.

## DVD Troubleshooting

### The picture quality is poor (DVD)

• Make sure the DVD disc surface is not damaged. (Scratch, fingerprint etc.)
• Clean the DVD disc and try again.

*See instructions described in "Notes on Discs" to clean your disc properly.*

• Ensure that the DVD disc is in the drawer with the label uppermost.
• A damp DVD disc or condensation may effect the equipment. Wait for 1 to 2 hours in Stand-by to dry the equipment.

### Disc does not play

• No disc in the machine. *Place a disc into the loader.*
• Disc incorrectly loaded.

*Ensure that the DVD disc is in the drawer with the label uppermost.*

• Wrong type of disc. The machine cannot play CD-ROMS etc.• The region code of the DVD must match the player.

### Wrong OSD language

• Select the language in the set-up menu.
• The language for the sound or subtitles on a DVD cannot be changed.
• Multilingual sound and/or subtitles not recorded on the DVD.
• Try to change the sound or subtitles using DVD's title menu. Some DVD's do not allow the user to change these settings without using the disc's menu
• These functions are not available on the DVD.

### No picture

• Have you pressed the correct buttons on the remote control? Try once more.

### No sound

• Check the volume is set to an audible level.
• Make sure you have not switched the sound off accidentally.

### Distorted sound

• Check that the appropriate listening mode setting is correct.

### If nothing works

If you have tried the above solutions and none seem to work, try switching your TV-DVD off and on again. If this does not work, contact your supplier or TV-DVD repair technician. Never attempt to repair a defective TV-DVD yourself.

## Disc Types Compatible with This Unit

| Disc Types (Logos) | Recording Types | Disc Size | Max. Playing Time | Characteristics |
|---|---|---|---|---|
| **DVD**<br>DVD VIDEO | Audio + Video | 12 cm | Single-sided; 240 min. Double-sided; 480 min. | • DVD contains excellent sound and video due to Dolby Digital and MPEG-2 System.<br>• Various screen and audio functions can be easily selected through the on screen menu. |
| **AUDIO-CD**<br>COMPACT disc DIGITAL AUDIO | Audio | 12 cm | 74 min. | • An LP is recorded as an analog signal with more distortion. CD is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time. |
| **MP3-CD**<br>MP3 READABLE | Audio (xxxx.mp3) | 12 cm | It depends on MP3 quality. | • MP3 is recorded as a Digital Signal with better audio quality, less distortion and less deterioration of audio quality over time. |
| **PICTURE-CD**<br>J P E G READABLE | Video (still picture) | 12 cm | It depends on JPEG quality. | • JPEG is recorded as a Digital Signal with better picture quality over time. |

*For proper operation, only 12 cm discs must be used.*

## Specifications

| | | |
|---|---|---|
| **Types of Discs Supported** | **DVD:** SS/SL 4.7" (DVD-5)<br>SS/DL 4.7" (DVD-9)<br>DS/SL 4.7" (DVD-10)<br>DS/DL 4.7" (DVD-18) | CD-DA<br>CD-R<br>CD-RW<br>MP-3/JPEG |
| **Video Type** | MPEG-2 Video Standard Decoding (MPEG-1 supported)<br>Full-Screen Video Display of 720 x 576 (PAL) & 720 x 480 (NTSC) pixels<br>50 and 60 Hz frame refresh rates (PAL & NTSC)<br>Digital bit-stream processing rate up to 108Mbits/sec<br>Line resolution more than 500 lines | |
| **Audio Type** | MPEG Multichannel Decoding<br>LPCM | |
| **Audio Output** | **Analog Outputs:**<br>24 bit /48, 44.1kHz down-sampling DAC | |

## PC Input Typical Display Modes

*The following table is an illustration of some of the typical video display modes. Your TV may not support all resolutions. Your TV supports up to 1920x1080.*

| Index | Resolution | Frequency |
|-------|-----------|-----------|
| 1 | 640x480 | 60 Hz |
| 2 | 800x600 | 56 Hz |
| 3 | 800x600 | 60 Hz |
| 4 | 1024x768 | 60 Hz |
| 5 | 1024x768 | 66 Hz |
| 6 | 1280x768 | 60 Hz |
| 7 | 1280x960 | 60 Hz |
| 8 | 1280x1024 | 60 Hz |
| 9 | 1360x768 | 60 Hz |
| 10 | 1400x1050 | 60 Hz |
| 11 | 1600x1200 | 60 Hz |
| 12 | 1920x1080 | 60 Hz |

## AV and HDMI Signal Compatibility

| Source | Supported Signals | | Available |
|--------|-------------------|---|-----------|
| EXT (SCART) | PAL 50/60 | | O |
| | NTSC 60 | | O |
| | RGB 50 | | O |
| | RGB 60 | | O |
| Side AV | PAL 50/60 | | O |
| | NTSC 60 | | O |
| PC/ YPbPr | 480I, 480P | 60Hz | O |
| | 576I, 576P | 50Hz | O |
| | 720P | 50Hz,60Hz | O |
| | 1080I | 50Hz,60Hz | O |
| | 1080P | 50Hz,60Hz | O |
| HDMI | 480I | 60Hz | O |
| | 480P | 60Hz | O |
| | 576I, 576P | 50Hz | O |
| | 720P | 50Hz,60Hz | O |
| | 1080I | 50Hz,60Hz | O |
| | 1080P | 24Hz, 25Hz 30Hz, 50Hz, 60Hz | O |

**(X: Not Available, O: Available)**

*In some cases a signal on the TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc. ). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.*
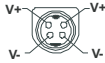
## Supported File Formats for USB Mode

| Media | File Extension | Format | | Remarks |
|-------|---------------|--------|---|---------|
| | | Video | Audio | (Maximum resolution/Bit rate etc.) |
| Movie | mpg, mpeg | MPEG1, MPEG2 | | MPEG1: 768x576 @30P MPEG2:1920x1080 @ 30P |
| | vob | MPEG2 | | |
| | mp4 | MPEG4, Xvid , H.264 | | 1920x1080 @ 30P |
| | mkv | H.264, MPEG4,VC-1 | | |
| | avi | MPEG2, MPEG4, Xvid , H.264 | | |
| | flv | H.264/VP6/Sorenson | | H.264/VP6:1920x1080 @ 30P Sorenson: 352x288 @30P |
| | 3gp | MPEG4 , H.264 | | 1920x1080 @ 30P |
| | wmv,asf | MPEG4 , VC-1 | | 1920x1080 @ 30P |
| Music | .mp3 | - | MPEG 1 Layer 1 / 2 (MP3) | 32Kbps ~ 320Kbps(Bit rate) 32K, 44.1k, 48k Hz,16K, 22.05K, 24K Hz,8K, 11.025K, 12K Hz(Sampling rate) |
| Photo | .jpg .jpeg | Baseline JPEG | - | max WxH = 17000x10000  4147200bytes |
| | . | Progressive JPEG | - | max WxH = 4000x4000 3840000bytes |
| | .bmp | - | - | max WxH = 5760x4096 3840000bytes |
| Subtitle | .sub .srt | - | - | - |

## MOBIL TV INSTRUCTION MANUAL

**Switching the TV On Using 12 Volt**

1. Connect the cigarette lighter plug cable to the cigarette lighter socket of your car or a cable with clips to the battery of car, making sure to observe the correct polarity.

2. Plug the other side of 12 volt cable to DC 12 socket at the back of the TV. Then the standby LED lights up.

3. Press the " ⏻ " button, **P+** or **P-** or a numeric button on the remote control or press the control switch left side of the TV. The TV will then switch on.

4. Adjust for best picture through antenna position or set TV channels again if necessary.

**Switching the TV Off**

1. Press the " ⏻ " button on the remote control or hold the control switch on the TV until it shuts down , so the TV will switch to standby mode.

2. Unplug cable connectors and power plugs.

**ATTENTION:** 12 V Input : .

CE

OLE 22540H-TB DVD

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ok.