



User guide



Model: L320TRS-v2

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Introduction

Thank you for purchasing this **AVTEX TV**

Please take time to read these instructions and retain for future reference.

Safety is important

To ensure your safety and the safety of others, please read the Safety precautions **before** you operate this product.

In the box

You will find the following:

- LED television
- User guide
- Quick start guide
- Remote control
- 2 x AAA batteries
- Power adapter
- Power cord
- 12 Volt DC lead

Safety information

Important safety instructions - read carefully before use

Take note of the following safety information which appears on the back of this TV.



Caution! Risk of electric shock do not open. To reduce the risk of electric shock do not remove this cover. No user-removable parts inside. Refer servicing to qualified personnel.



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this TV.



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this TV.

WARNING

- Do not use this TV near water.
- Do not install or operate near any heat sources such as radiators, stoves, or other apparatus that produce heat.
- Clean only with a slightly damp cloth.
- Do not block any ventilation openings.
- Install in accordance with the supplied Quick start guide and this User guide.
- Protect the power cord from being walked on or pinched, particularly at plugs, and the point where it exits from the TV.
- Do not allow the power cord to overhang the edge of a table.
- Unplug this TV during lightning storms or when unused for long periods of time.
- To avoid interference, switch this TV off while operating other radio devices in the immediate vicinity.
- Refer all servicing to qualified service personnel. Servicing is required when the TV has been damaged in any way.

- No naked flame sources such as candles should be placed on the TV.

Electrical information

Mains supply

The mains operating voltage is detailed on the rating plate on the rear of the TV.

Instruction

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured.

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and interconnections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO route the mains lead so that it is not likely to be walked on, crushed, chafed, or subject to excessive wear and tear or heat.

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspaper, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids.

DON'T place hot object or naked flame sources such as lighted candles or night-lights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix legs with wood screws-to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T use equipment so that you are distracted from the requirements of traffic safety.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off by unplugging the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handi-capped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way-switch off/withdraw the mains plug and consult your dealer.

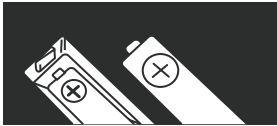
ABOVE ALL

-NEVER let anyone especially children push anything into holes, slots or any other opening in the equipment - this could result in a fatal electrical shock;

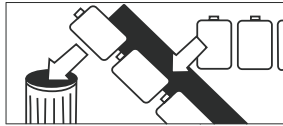
-NEVER guess or take chances with electrical equipment of any kind It is better to be safe than sorry!

Battery safety guidelines

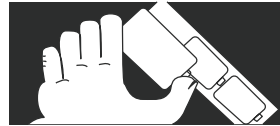
Used correctly, domestic batteries are a safe and dependable source of portable power. Problems can occur if they are misused or abused- resulting in leakage or, in extreme cases, fire or explosion. Here are some simple guidelines to safe battery use designed to eliminate any such problems.



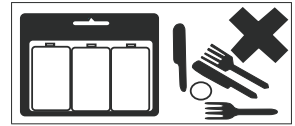
Take care to fit your batteries correctly, observing the plus and minus marks on the battery and appliance. Incorrect fitting can cause leakage or, in extreme case, fire or even an explosion.



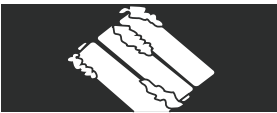
Replace the whole set of batteries at one time, taking care not to mix old and new batteries or different types, since this can result in leakage or, in extreme cases, fire or even an explosion.



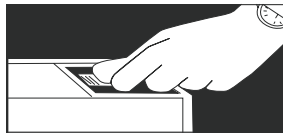
Supervise children if they are replacing batteries themselves in order to ensure these guidelines are followed.



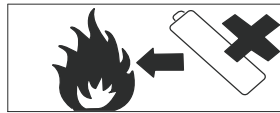
Store unused batteries in their packaging and away from metal objects which may cause a short-circuit resulting in leakage or, in extreme cases, fire or even an explosion.



Remove dead batteries from the unit and all batteries from the unit you know you are not going to use for a long time. Otherwise the batteries may leak and cause damage.



Make sure battery compartments are secure.



Never dispose of batteries in fire as this can cause them to explode. Please recycle dead batteries; do not put with the normal household waste.



Never attempt to recharge ordinary batteries, either in a charger or by applying heat to them. They may leak, cause fire or even explode. There are special rechargeable batteries which are clearly marked as such.

Safety warnings

Use in a vehicle

Note

For use only when vehicle is Stationary.

- Read all the instructions carefully before using the unit and keep them for future reference.
- Retain the manual. If you pass the unit onto a third party make sure to include this manual.
- Check that the voltage marked on the rating label matches your mains voltage.

Damage

- Inspect the unit for damage after unpacking.
- Do not continue to operate the unit if you are in any doubt about it working normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

Location of Unit

- The unit must be placed on a flat stable surface and should not be subjected to vibrations.
- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.
- The mains socket must be located near the unit and should be easily accessible.

Temperature

- Avoid extreme degrees of temperature, either hot or cold. Place the unit well away from heat sources, such as radiators or gas/electric fires.
- Avoid exposure to direct sunlight and other sources of heat.

Naked Flames

- Never place any type of candle or naked flame on the top of or near the unit.

Moisture

- To reduce the risk of fire, electric shock or product damage, do not expose this unit to rain, moisture, dripping or splashing. No objects filled with liquids, should be placed on the unit.
- If you spill any liquid into the unit, it can cause serious damages. Switch it off at the mains immediately. Withdraw the mains plug and consult your dealer.

Ventilation

- To prevent the risk of electric shock or fire hazard due to overheating, ensure that curtains and other materials do not obstruct the ventilation vents.
- Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.

Safety

- Always disconnect the unit from the mains supply before connecting/disconnecting other devices or moving the unit.
- Unplug the unit from the mains socket before a lightning storm.

Mains Cable

- Make sure the unit or the unit stand is not resting on top of the mains cable, as the weight of the unit may damage the cable and create a safety hazard.

Interference

- Do not place the unit on or near appliances which may cause electromagnetic interference. If you do, it may adversely affect the operating performance of the unit, and cause a distorted picture or sound.

Safety warnings

Batteries

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Dispose of batteries correctly by following the guidance in this manual.

Supervision

- Children should be supervised to ensure that they do not play with the unit and the remote control.
- Never let anyone especially children push anything into the holes, slots or any other openings in the case -this could result in a fatal electric shock.

Service

- To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Leave all maintenance work to qualified personnel.
- Do not open any fixed covers as this may expose dangerous voltages.

Maintenance

- Ensure the unit is fully unplugged from the power supply before cleaning.
- Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
- Do not use liquids to clean the unit.



Warning! To reduce the risk of fire or electrical shock, do not expose this TV to rain or moisture. The TV must not be exposed to dripping and splashing and no objects filled with liquids such as a vase of flowers should be placed on the TV.



Caution! Changes or modifications not expressly approved by the manufacturer could void the user's warranty.

Caution! Usage of controls or adjustments or performance of procedures other than those specified herein may result in hazardous exposure.

The power cord on this equipment is supplied with a moulded plug incorporating a fuse. Should the fuse need to be replaced, an ASTA or BSI approved BS1362 fuse must be used of the same rating. Never use the plug with the fuse cover removed. If a replacement fuse cover is required, ensure it is of the same colour as that visible on the pin face of the plug. If there is no alternative to cutting off the mains plug, dispose of it immediately, having first removed the fuse, to avoid a possible shock hazard by inadvertent connection to the mains supply.



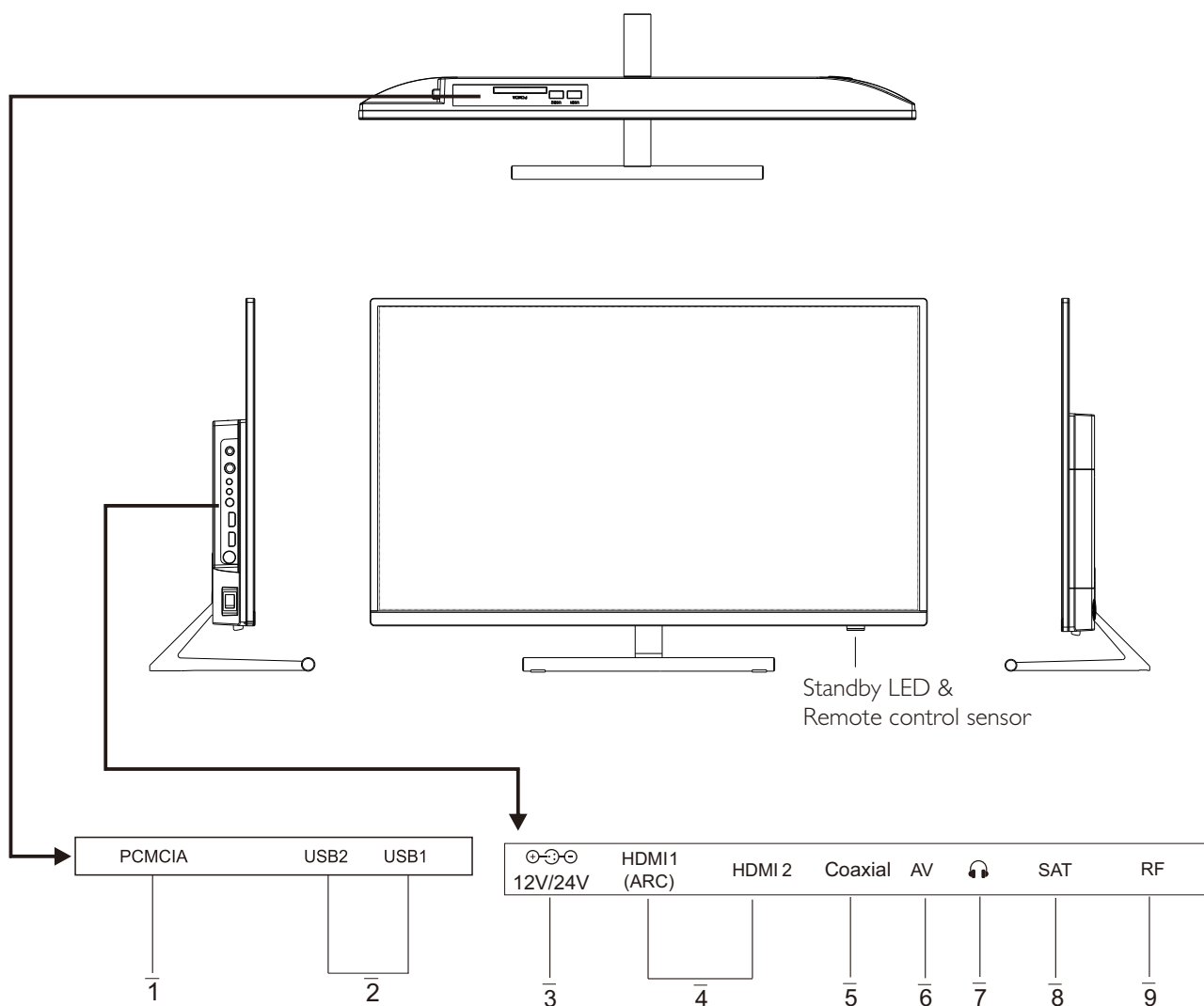
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be sufficient magnitude to constitute a risk of electric shock.



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 manual accompanying the unit.

Parts identification

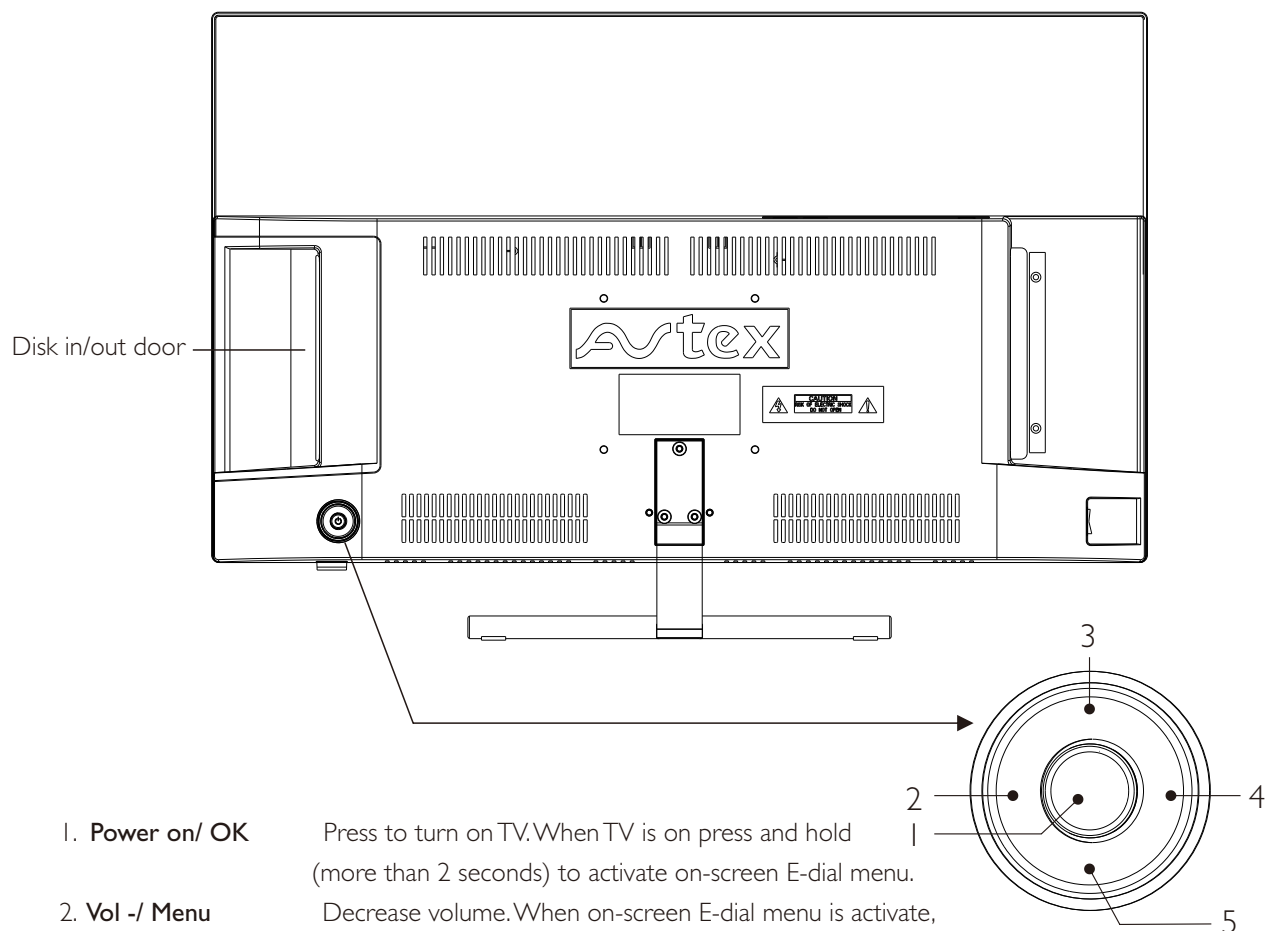
Front, side and above views



- 1 PCMCIA card slot for external Conditional Access (CA) modules.
- 2 USB jack
- 3 12V/24V DC input terminal
- 4 HDMI 1/HDMI 2 in socket. Refer to HDMI lead on p.13, p.21, p.22.,
- 5 Coaxial audio out
- 6 AV input
- 7 Headphone output terminal
- 8 SAT input terminal
- 9 RF input terminal (Aerial)

Parts identification

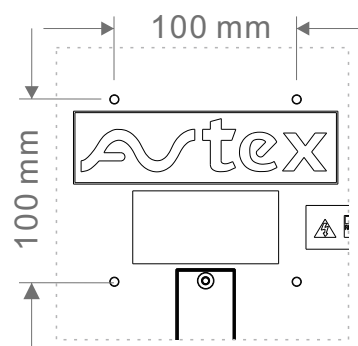
Rear view



- | | |
|--------------------------|--|
| 1. Power on/ OK | Press to turn on TV. When TV is on press and hold (more than 2 seconds) to activate on-screen E-dial menu. |
| 2. Vol -/ Menu | Decrease volume. When on-screen E-dial menu is activate, choose to access OSD menu. |
| 3. Up/ AQT | Move the curser up in OSD menu. When on-screen E-dial menu is activate, choose to start autoscan in DTV. |
| 4. Vol +/- Input | Increase volume. When on-screen E-dial menu is activate, choose to change input source. |
| 5. Down/ STAND BY | Move the curser down in OSD menu. When on-screen E-dial menu is activate, choose to go into TV standby mode. |

Wall Mounting

Standard 100mm x 100mm VESA mount using M4x10mm size screws.

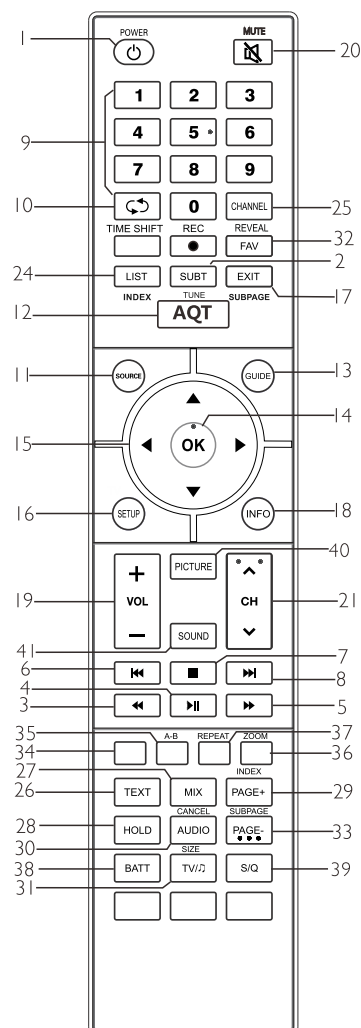


Parts identification

Remote control

When using the remote control, aim it towards the remote control sensor on the TV. The function of some buttons will vary depending on the source being used digital TV(DTV)),

- | | | | |
|--------------------|--|--|--|
| 1. Standby | Switches the TV to standby | | |
| 2. SUBT | Selects the subtitle language in DTV | | |
| 3. ◀◀ button | To fast backward playback in USB | | |
| 4. ▶▶ button | To play normally or pause playing in USB | | |
| 5. ▶▶▶ button | To fast-forwards playback in USB | | |
| 6. ◀◀◀ button | To select the previous chapter or track in USB | | |
| 7. ■ button | To stop playing in USB | | |
| 8. ▶▶▶ button | To select the next chapter or track in USB | | |
| 9. Numeric buttons | | | |
| 10. Return ↶ | Returns back to previous programme | | |
| 11. Source | Input source selector | | |
| 12. Tune/AQT | Press and hold (more than 3 seconds) the button to start auto scan in DTV. | | |
| 13. Guide/Q-PLAY | To display the program guide in DTV | | |
| 14. OK button | Confirms a selection | | |
| 15. ▲▼◀▶ | Adjusts selected item in the menu | | |
| 16. TV SETUP | To display system menu | | |
| 17. Exit | Exits out of a menu | | |
| 18. INFO | To display the current playing program information in DTV | | |
| 19. Volume +/- | Increases and decreases volume level | | |
| 20. Mute | Mutes the sound | | |
| 21. Channel ◀▶ | Changes the TV channel | | |
| 22. REC | To start recording DTV program | | |
| 23. TIME SHIFT | Use this to operate Time shift function in DTV | | |
| 24. LIST | To list all recorded files in DTV | | |
| 25. CHANNEL | To enter DTV channel list | | |
| 26. TEXT | To enter or exit from teletext in DTV | | |
| 27. MIX | To display TV image and teletext simultaneously | | |
| 28. HOLD | To hold teletext on current page in AV | | |
| 29. INDEX/PAGE+ | To display main content page when display the teletext in AV; Browse the next page of channel edit/list table in DTV | | |
| 30. CANCEL/AUDIO | To cancel teletext in AV; To change the audio language and sound track in DTV | | |
| 31. Size/TV/R | To magnify teletext page; Switches between TV and Radio mode in DTV | | |
| 32. Reveal/Fav | To display the hidden teletext information in AV; To display Favourite list in DTV | | |
| 33. Subpage/Page - | Displays sub pages when in teletext in AV; Browse the previous page of channel edit/list table in DTV | | |
| 34. RED | Teletext RED button in DTV | | |
| 35. A-B/GREEN | To segment repeat in USB
Teletext Green button in DTV | | |
| 36. ZOOM/BLUE | To zoom in or zoom out the picture in USB
Teletext BLUE button in DTV | | |
| 37. REPEAT/YELLOW | To repeat playback in USB
Teletext YELLOW button in DTV | | |
| 38. BATT | To display TV supply voltage. | | |
| 39. S/Q | To display signal strength and quality. | | |
| 40. PICTURE | To change picture mode. | | |
| 41. SOUND | To change sound mode. | | |

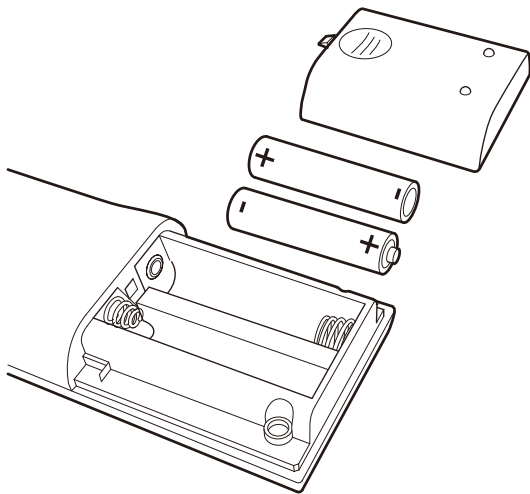


Remote control

Remote control

Installing the batteries

1. The battery compartment cover is on the back of the remote control. Slide the cover to open it.
2. Install the two AAA size batteries following the polarity markings inside the compartment.
3. Replace the battery compartment cover.



Using the remote control

To use the remote control point it at the TV and press the required buttons. You must be within 6 metres and at an angle of less than 30 degrees from the centre of the TV.

Note: Sunshine or other strong light sources may interfere with the signal from the remote control. In this situation, turn the TV set away from the light source.



Warning! Do not leave batteries in the remote control for extended periods as they can leak or corrode causing damage to the remote control. Check them periodically and replace them as required.



Warning! Do not mix battery types. When inserting batteries, replace all batteries at the same time. Do not mix old and new batteries.



Warning! Exhausted batteries must be treated with care and disposed of according to any safety or recycling regulations in force in your local area. Never dispose of batteries into general waste, or fire.

Operating the TV

Connecting the aerial



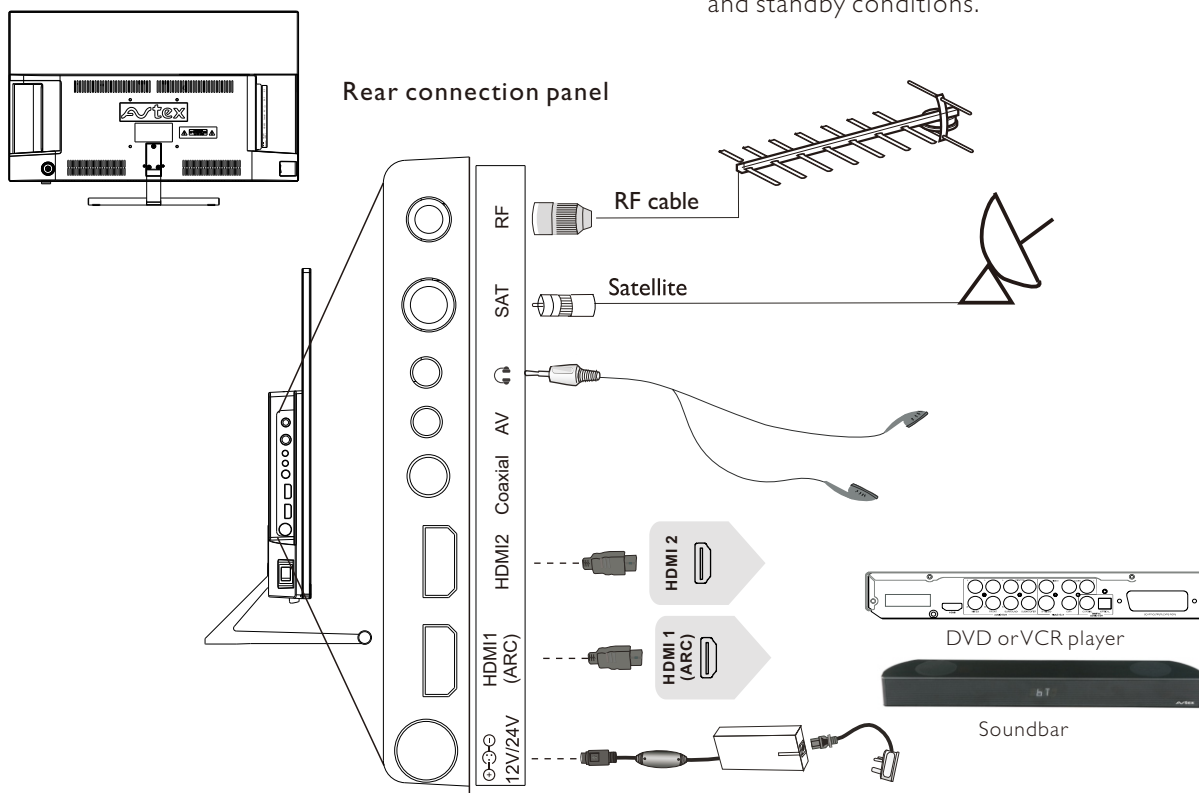
Warning! Make sure the TV and all ancillary equipment are unplugged from the mains before making any connections

Place the TV on a stable flat surface, which is out of direct sunlight and away from any heat sources. In order to prevent TV picture distortion, make sure you avoid close proximity to other electrical devices such as microwave ovens.

Connect the aerial cable to the back(RF in) of the TV.
Connect satellite cable to the SAT socket on the rear of the TV.

To connect it directly through a recording device (DVD recorder), connect the TV/DVD as shown below. For best results use a high gain TV aerial, preferably roof or loft mounted.

If in a poor signal area, to improve picture quality, purchase and install a signal amplifier (not supplied).



Connecting external devices

The Quick Start guide shows the simplest and most effective way of connecting to external devices. These and alternate methods are listed below.

HDMI lead

You can connect the TV to a compatible device using a HDMI lead, using this method will give you optimum picture.

Connect the cable from the HDMI equipment to one of the TV HDMI sockets.

The HDMI1 will support the ARC function, so it is possible to connect the TV to an audio device that also has ARC capabilities. Please activate this function in the TV MENU by setting the CEC and ARC settings to ON, allowing the standard supplied TV remote control to control the audio device volume and standby conditions.

Operating the TV

Switching on

Note: Unless otherwise stated, all references to buttons refer to the remote control.

- 1 Press the **power** switch on the left hand side of the TV
2. Press the **Standby** button on the remote control. The standby indicator will change to blue.

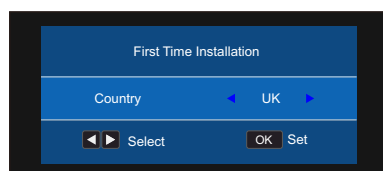
Switching off

To switch the TV to standby press the **Standby** button on the remote control. The standby indicator will change to red.

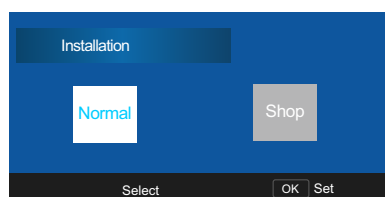
To save energy do not leave the TV in standby mode for long periods such as overnight. Switch the TV off using the **Power** switch on the side of the TV

Tuning in digital TV

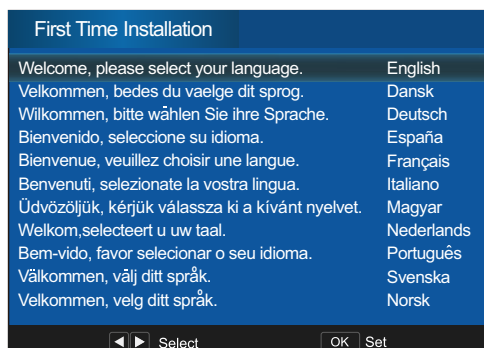
When the TV is switched on for the first time the following screen will appear, press the ◀ ▶ buttons to select the wanted country.



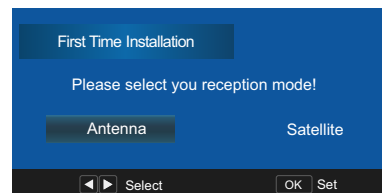
Choose preferred viewing mode. Selecting shop mode will see message and must select yes to get to tuning menu.



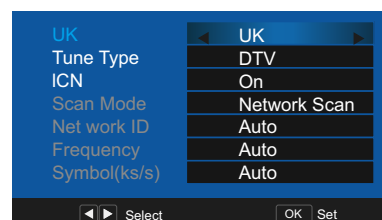
On the next page please select the preferred user language Press **OK**



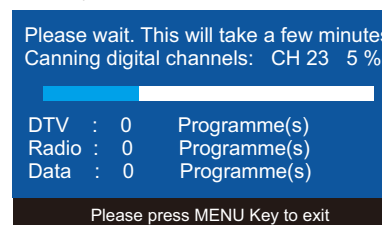
Select the wanted SOURCE, select "Antenna" for DVBT scan



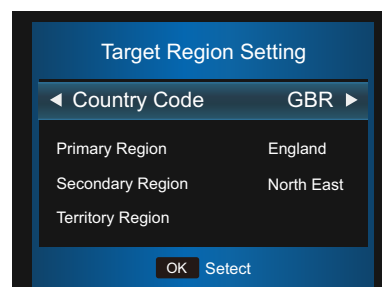
When this page is presented, please press OK.



When this screen appears, wait for the TV to tune your digital channels. This may take a few minutes



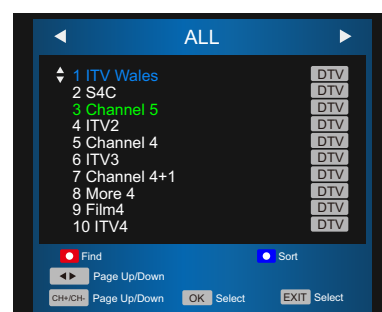
Once the auto search is completed, the TV will display the target region setting. If more than one regional transmitter is available use ◀ ▶ to select your primary region preference, then press **OK**, to leave this menu press EXIT.



Please wait for channels to populate the list, there may be a small delay as all channels are correctly allocated.

For your information HD channels are populated in the list from channel 101 onwards.

Once the target region setting or Auto search is completed, the TV will display the first available digital channel. For more information, please refer to other sections of the User guide.



To retune the TV at any time, press and hold down the Auto tune button(AQT). Select the country you require and press **OK**. The auto tune will start.

Operating the TV

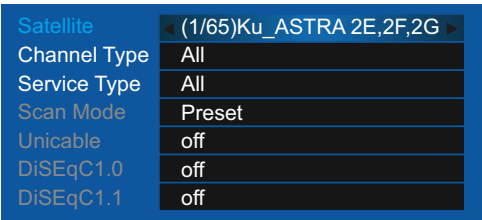
Tuning in satellite TV

For convenience your 320TRS-v2 Comes with a default channel list from first switch on, you are able to edit and sort this list to your own personal preference. If any further channels are required then you must start a full scan.

At first installation to download the default list please Select "Channel" and press OK when Auto tuning is highlighted

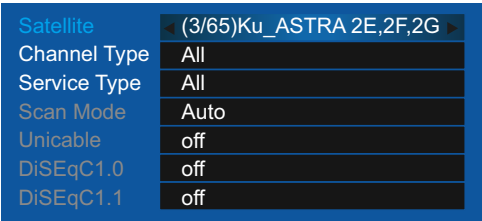


A new display will be presented
Please ensure scan mode is set to Preset and press OK

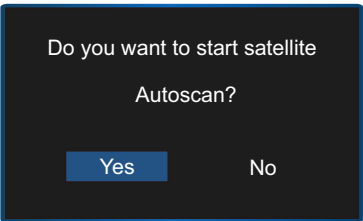


Press MENU and select Channel, highlight Auto Tuning and press OK. Select the wanted satellite (default is Astra 28.2).

When presented with the menu below, press OK to start tuning scan.



A scan will locate all new services on the selected satellite and add after the default channel list.



Any new/wanted channels can now be edited/sorted to the users desired preference, please refer to page 20 for channel edit feature.

Frequently Asked Questions

For satellite setup

1) No channels found, signal and quality bars are zero?

Please check satellite dish/LNB setup, also all cables are in position correctly. Confirm there is a clear line of sight to where the dish is pointing with no obstructions, i.e. trees, buildings etc. Ensure your location is within the footprint of the desired satellite transponder.

2) Full scan performed but limited or incorrect channels are received?

Ensure the dish is aligned with selected satellite correctly, e.g.. Astra 28.2

3) Picture or sound is breaking up or dropping out whilst viewing?

Confirm signal quality, enter Channel Search menu and check strength and quality bars. A slight misalignment could cause a large reduction in signal strength. Also confirm cable quality for satellite reception and cable length. A long cable run could incur significant signal loss (this can be compensated with a signal amplifier/booster). Ensure dish is correct size to receive wanted signal.

4) Loss of signal in light rain or snow

Usually due to signal strength, please confirm all items above

5) Loss of signal in windy conditions

Confirm all dish and mountings are secure and are not moving in the wind. Check there are no obstacles such as trees moving back and forth in front of dish.

6) Subtitles or audio language are incorrect

Confirm preferred settings in language settings

7) How do I add additional channels not in original line up?

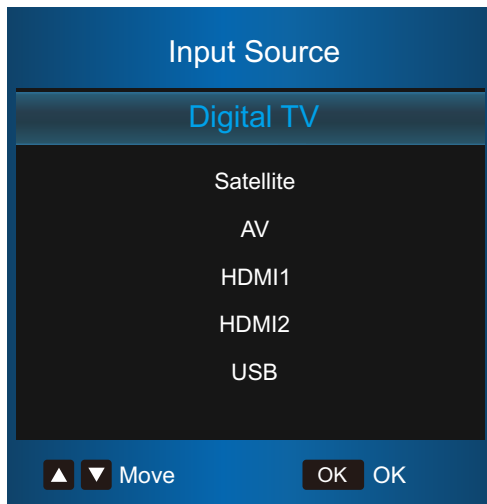
You will need to add additional transponder, please follow detailed instruction in the manual.

Operating the TV

Basic operation

Source selection

Press the **Source** button to display the source menu. The following sources are available:



Use the ▲ ▼ buttons to scroll between inputs and press **OK** to select the source.

If no source is manually selected using the **OK** button, the TV will automatically switch to the highlighted input after 2 seconds.

Press the **Exit** button to exit the display.

TV channel selection

Press the **CH[^]/CH[~]** buttons or use the **Numeric** buttons on the remote control to select a channel you require.

Return

Press the **↺** button to swap between the channel you are watching and the previously selected channel i.e. If you were watching channel 1 and change to channel 3, press the **↺** button to return to channel 1.
Press the **↺** button again to return to channel 3.

Volume

Press the **V+ / V-** buttons to increase or decrease the volume. The volume level will be displayed at the bottom of the screen.

Mute

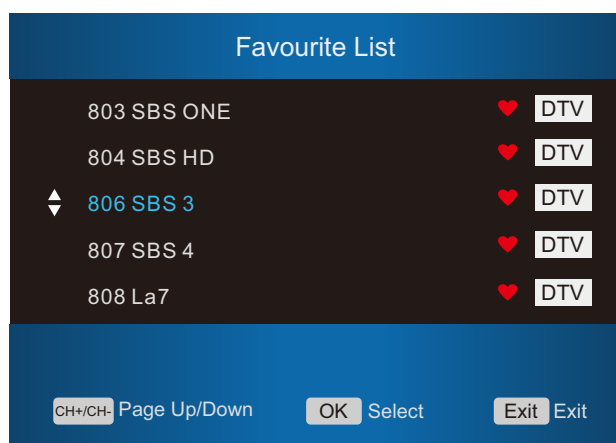
Press the **🔇** button to mute the sound. Mute will appear at the top left hand side of the screen.

Press the **🔇** button again or the **V+** button to restore the sound. Mute will disappear from the screen.

Operating the TV

Favourite(Digital TV only)

You can enter the Favourite menu while watching a channel by pressing the **Fav** button. The following menu will appear on the screen:

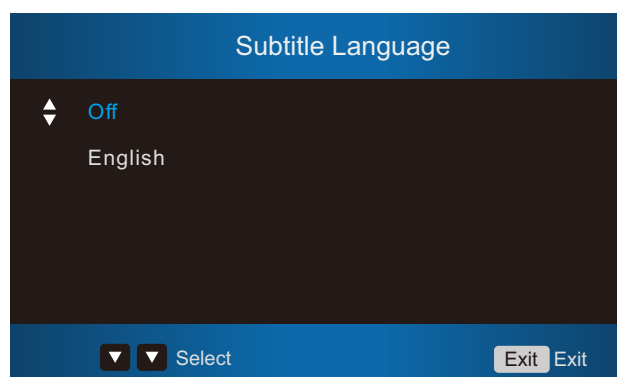


To add a channel to the Favourite List, press the **MENU** button and scroll down to the Channel Setup. Press the **►** button to access the menu. Press the **▼** button to select Programme Edit then press **OK**.

In the Programme Edit menu is a list of all available channels. Select the channel that you want to add to the Favourite List. Press the **Fav** button to add the selected channel. A heart will appear next to the selected channel. Press the Exit button to exit the menu.

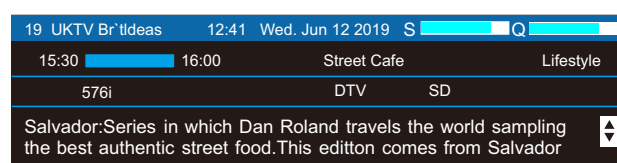
Subtitle

If a channel has subtitles available, you can select the subtitles by pressing the **Subt** button. Select the required language using the **▲▼** buttons then press **OK**.



Information

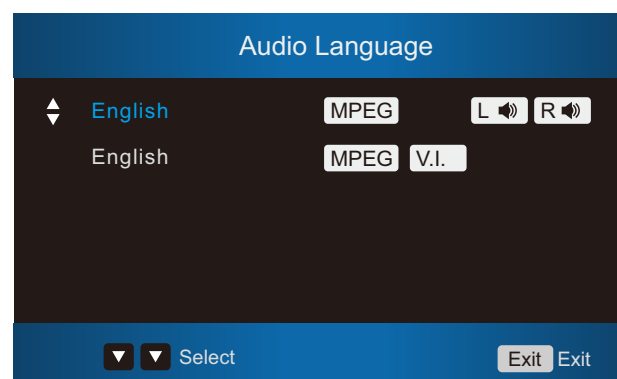
You can view the programme information for the channel you are watching by pressing the **Info** button. The following menu is a typical example of the programme details that will be displayed.



You can view the information for the next programme by pressing the **►** button.

Audio

- In Digital mode press the **Audio** button to change the audio language and sound track. The following menu will be displayed.



- Select the required audio language using the **▲▼** buttons then press **OK**.
- Audio language option is dependent on broadcast.

TV/🎵

Press the **TV/🎵** button to switch between Digital TV and Digital radio modes.

Operating the TV

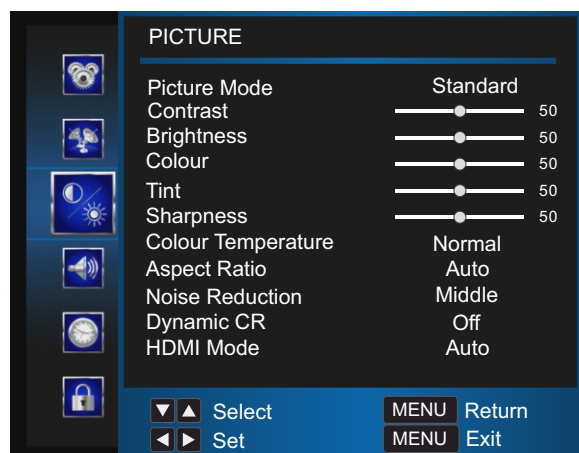
Menus

The menus allow you to adjust and control the TV.

1. To access the on screen menus, press the **MENU** button.
2. Press the **▲▼◀▶** buttons to navigate around the menu screens and available options.
3. To exit the menu press the **Exit** or **MENU** button.

Picture settings

This menu gives the options for adjusting the appearance of the TV picture. The following options are available:



Picture Mode - Allows you to select preset levels of contrast, brightness and colour. You can choose from the following settings:

- User
- Standard
- Dynamic
- Mild

Brightness - Allows you to increase or decrease the brightness of the picture.

Contrast - Allows you to increase or decrease the contrast of the picture.

Colour - Allows you to increase or decrease the colour of the picture.

Sharpness - Allows you to increase or decrease the sharpness of the picture.

Tint - Allows you to increase or decrease the level of tint of the picture (only NTSC signal)

Colour Temperature - Allows you to change the colour tones of the screen. You can choose from the following settings:

Aspect Ratio - Allows you to set up aspect ratio.

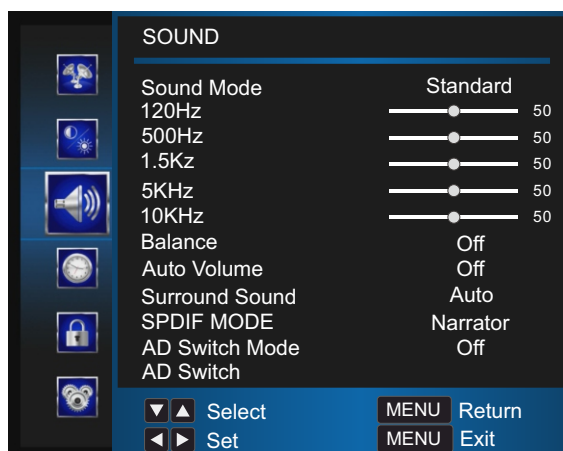
Noise Reduction - Allows you to reduce/alter any noise on the images.

Dynamic CR - Turn dynamic contrast ratio on/off.

HDMI Mode - Allows you to set HDMI settings Auto/Video/PC.

Sound settings

This menu gives you the options for adjusting the TV sound. The following options are available:



Sound Mode - Allows you to select preset levels of bass and treble. You can choose from the following settings:

- User
- Standard
- Music
- Movie
- Sports

Balance - Adjust audio output between the left speaker and the right speaker with **◀▶**.

Auto Volume - Allows you to turn auto volume on or off.

Surround Sound - Allows you to turn on surround sound.

SPDIF Mode - Choose between Off/Auto/PCM when connected to non Dolby compatible device.

AD Switch Mode - Choose between narrator mode and auto mode. (only available in DTV).

AD Switch - When AD switch is set to narrator mode, it allows you to choose on or off.

AD Volume - When AD switch is set to on, it allows you to adjust AD volume with **◀▶**.

Headphone - Allows you to turn on/off the headphone output.

Operating the TV

Channel Setup(DigitalTV only)

This menu allows you to adjust the channels and the channel settings.

Auto Tuning - Allows you to automatically search for channels.

DVB-T Manual Search - Allows you to manually search and tune the TV.

Programme Edit - Allows you to delete, skip and add channels. to the Favourite list.

Signal Information - Allows you to see channel information, signal strength and signal quality.

CI Information - Allows you to access the Common Interface Card and its status.

5V antenna power - Turn on and off RF antenna power.

Software Update(USB) - Allows you to update software via USB

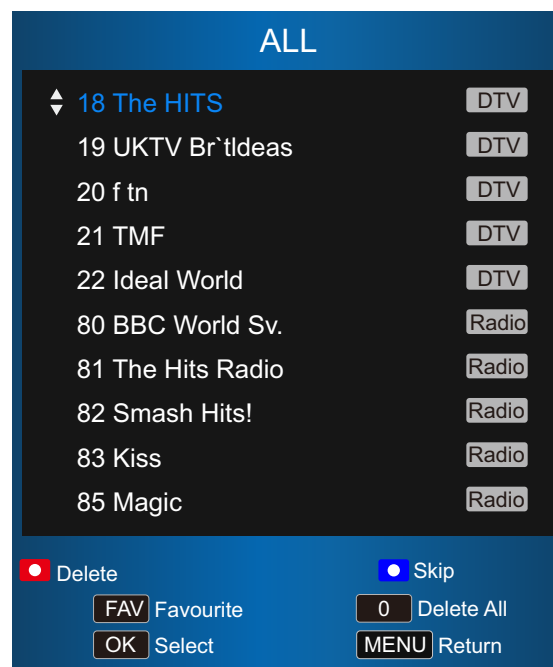


Programme Edit

Press the **▲ ▼ PAGE+ PAGE-** buttons to select a channel. You can do the following to a Digital channel using the Coloured buttons:

Red - Press the **Red** button to delete a channel. Use the **▲ ▼** buttons to select the channel to be deleted. Press the **OK** button to delete the selected channel.

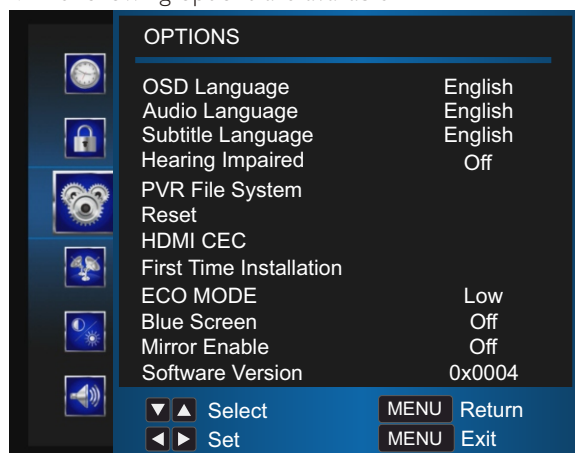
Blue - Navigate to the channel you want to skip then press the **Blue** button. You will no longer be able to view this channel in normal viewing mode.



Operating the TV

TV Options

This menu allows you to change the general settings for digital TV. The following options are available:



OSD Language- Allows you to change the on screen display language.

Audio Language- Allows you to set primary and secondary audio languages.

Subtitle Language - Allows you to set the subtitle language.

Hearing Impaired - An additional descriptive subtitle service. (Dependent on broadcast)

PVR File System- Allows you to setup record file system.

Reset- Allows you to reset all TV settings back to the default settings.

HDMI CEC - Connect an ARC compatible sound system to the HDMI I and set the settings as below to use TV remote control to control volume and standby operation. Refer to p.22

First Time Installation- First time your 270 is switched on you will be presented with this page to start the setup process.

Eco Mode- The Eco feature adjusts the brightness of the entire image on screen, dimming or brightening the picture.

Blue Screen- Allows you to turn on blue background. It is set to off by default with black display background.

Mirror Enable- Will invert screen display for a variety of installations if need.

Lock

Allows you to prevent access to certain features of the TV. When the system Lock is ON, the password must be entered to make changes to the locked features.

Lock System - Allows you to lock the system.

Set Password - Allows you to set password. Refer to Change Password for default setting.

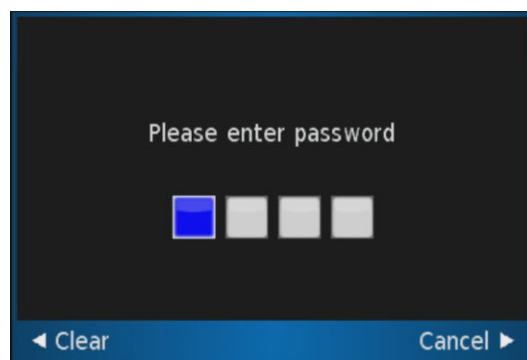
Block Program - Allows you to block certain programmes and channels.

Change Password - Allows you to change the password:

Note: The default password is 0000.

1. Enter the new password.

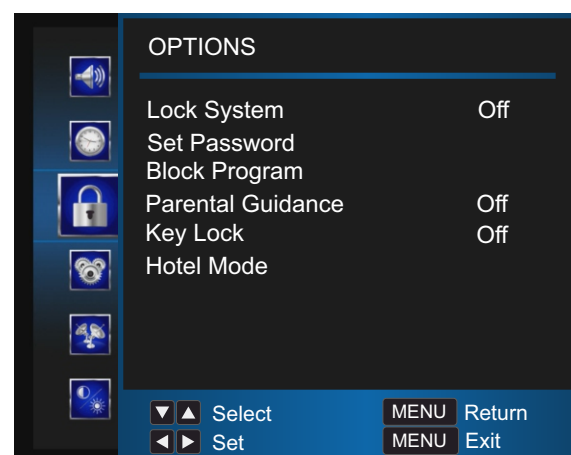
2. Re-enter the new password to confirm it. The password is now changed.



Parental Guidance - Allows you to restrict programmes to suit the viewer age. Only programmes suitable for the selected age will be accessible. Select the age of the viewer from the following options:

- | | | |
|-------|------|------|
| • Off | • 9 | • 15 |
| • 4 | • 10 | • 16 |
| • 5 | • 11 | • 17 |
| • 6 | • 12 | • 18 |
| • 7 | • 13 | |
| • 8 | • 14 | |

Note: This feature may not be supported by all broadcasters.



Key lock - Allows you to lock TV keypad.

Hotel Mode - Turn on Lock System to allow restriction to Source, DTV Channel, Max Volume for hotel use.

Operating the TV

HDMI CEC Function settings

This menu allows you to change the following functions:

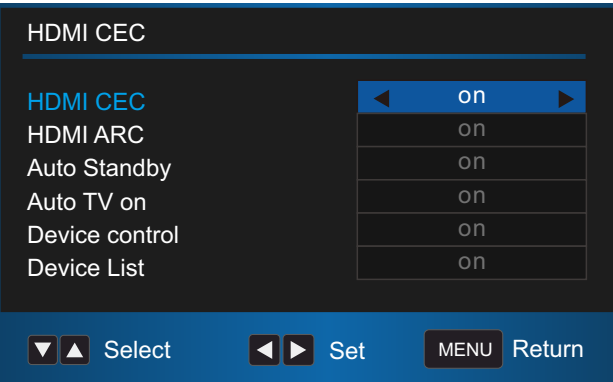
HDMI CEC - Connect an ARC compatible sound system to the HDMI2 and set the settings as below to use TV remote control to control volume and standby operation.

Auto Standby - Allows you to select On/Off

Auto TV on - Allows you to select On/Off

Device control - Allows you to reset all TV settings back to the default settings.

Device List - Showing Device List



Function settings

This menu allows you to change the following functions:

Clock- Allows you to set system date and time.

Off Time- Timer setting allows you to turn off the TV at specified time.

On Time- Timer setting allows you to switch on the TV at specified time.

Sleep Timer -Allows you to set the sleep timer. The sleep timer allows you to turn the TV off. You can also set sleep timer with "SLEEP" button on remote control.

Auto Standby - Allows you to turn on/off the auto sleep after four hours.

Time Zone - Allows you to change time zone.

OSD Time - Allows you to set OSD menu display time out:

5s	10s	15s
20s	25s	30s

Operating the TV

Electronic Programme Guide

The Electronic Programme Guide displays information about current and future programmes for the highlighted channel. Press the **Guide** button to display the Electronic Programme Guide. The following menu will be displayed.

PROGRAMME GUIDE				
12 Jun 2019 14:00-15:00		12 Jun 2019 14:00		
The series gains access to a foreign airport for the first time: Lagos Murtala Muhammed International Airport. A pregnant woman on board a flight to the US arouses suspicions. (9/10) [5]				
12 Jun	Wed.	14:00	14:30	15:00 15:30 16:00
17 Really		UK Border Force	Nothing To Declare Nothing To Declare	
19 Dave		Fantasy Homes by the Sea	Homes Under the Hammer	
23 Create & Craft		Sin City Motors	Timber Kings	
28 E4+1		Hobby House Festive New Launch	Gemini Christmas One Day Wonder	
32 Sony Movie Ch		The Big Bang Theor	Melissa & Joey	Melissa & Joey
38 Quest Red		The IQ Supremacy	Ice Quake	
40 movies4men		Say Yes To the Dr Say Yes To the Dr	Say Yes To the Dr	Say Yes To the Dr
		Th So	The Last Days Of Frank... The Blitz On Berlin	
<div><div> Record</div><div> Move View</div><div> Weekly</div><div> Pre Day</div><div> Schedule</div><div> Next Day</div><div> Remind</div><div> OK</div><div> Exit</div><div> Display</div></div>				

Use the **▲▼PAGE+ PAGE-** buttons to navigate through the available channels and programmes.

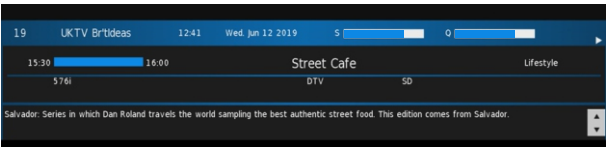
Press **◀▶** to scroll 24hrs, backwards and forwards

Press the **OK** button to watch the currently selected programme (only the first programme on each channel can be selected to watch as the other programmes have not yet started).

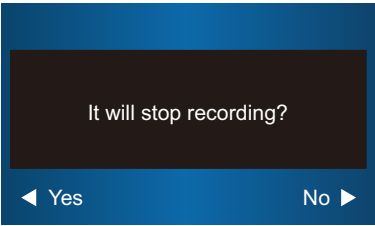
Press the **Guide** or **Exit** button to exit the EPG.

Direct Record

Insert USB memory device into USB I. Press the REC on the remote control and the current programme will record directly.



To stop the recording at any time, press the STOP button on the remote control.



Select "Yes" to stop recording or "No" to continue the recording.

Setting a record from the EPG

You can view information about any programme by pressing the **Info** button.

You can also set timer recordings from the **EPG**, select the desired programmes and press **REC**.



After finished setup, press **OK** to confirm. Recorder schedule list will display as below You can delete schedule here.

Schedule List				
Time	Date	Programme Title	Channel Name	

Press the **Guide** or **Exit** buttons to exit the EPG.

Operating the TV

Viewing Recordings

To view any recorded programmes, press the List button on the remote. (Depending on file size there can be a small delay displaying the list). Highlight the wanted programme and press Info will display programme details. To watch highlight the programme and press play on remote control. To delete, highlight in the list and press the RED button.



You can list all recorded files by pressing **List** button



You can playback files in the recorded list.

By pressing **▶** or **OK** to playback.

By pressing **■** to stop.



Press the **Time Shift** button to enter Time shift recording mode.



Press the **▶** button to enter time shift playback mode.

Press **■** button to exit.

In record, play and time shift mode, you can use

◀ ▶, and **OK** buttons to select function.

Pause Live TV

To pause live TV, press the Time Shift button, the programme will stop. To continue watching press the Play button and the programme will resume. To return to live TV press the Stop button.

Digital text

Digital text is an information system that displays text on your TV screen.

Note: No on screen menus can be displayed in text mode. The colour, contrast and brightness cannot be altered but the volume can be changed.

Follow the on screen commands. The following menu is an example of the BBC digital text service.

1. Press the **Text** button to select digital text.

2. To select the page you require, press the **▲▼** buttons and press the **OK** button to select. Alternatively you can enter the page number using the **Numeric** buttons. Press the **OK** button to view the page.

3. Press the **▲▼◀▶** buttons to navigate the digital text menus.

4. Use the **Red, Green, Yellow** and **Blue** buttons to access the subject shortcuts.

5. To exit digital text press the **Exit** or **Text** button.



Operating the TV

Common Interface Slot

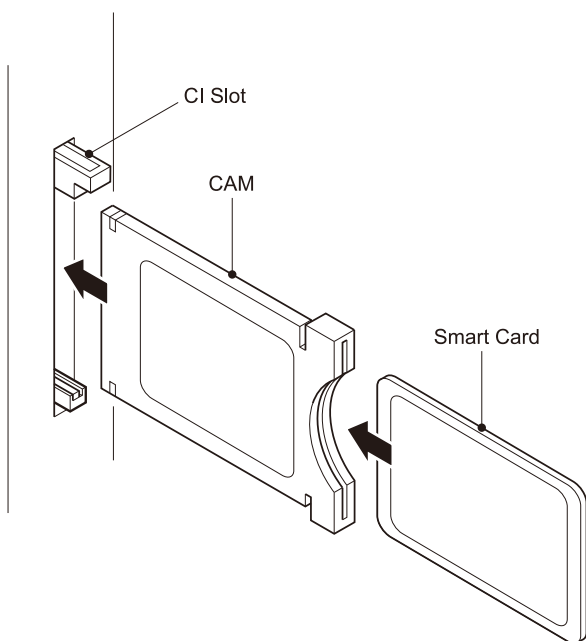
The Common Interface (CI) slot is designed to accept the Conditional Access Module (CAM) and Smart card in order to view the pay TV programmes and additional services. Contact your Pay per View TV provider to get more information about the modules and subscription.

Note: Conditional Access Modules and Smart cards are sold separately.



Warning! Switch off your TV before any modules are inserted in the CI slot.

The CI slot is located on the rear of your TV. Insert the CAM correctly into the CI slot, then add the Smart card to the CAM.



1. Turn on the TV
2. If the CAM is detected the TV will display the following message on the screen:

Common Interface Module Inserted

Wait for a few moments until the card is activated.

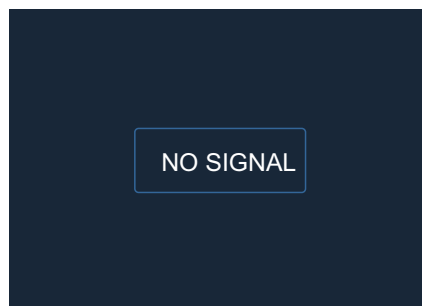
3. Select the relevant digital channel
4. Detailed information on the Smart card in use is displayed.
5. Press the **OK** button to access the card menu. Refer to the module instruction manual for setting details.
6. When the module is removed, the following message will appear on the screen:

Common Interface Module Removed

HDMI/AV MENU

The menu setup of HDMI modes is similar to the TV mode MENU, except that Channel MENU is not available.

If there is no signal input when the TV is in HDMI mode, the following screen will be displayed:



If a signal input is not detected within 5 minutes, the TV will go into Standby mode.

USB operation

Usage of USB device

USB refers to Universal Serial Bus. Most of USB devices on the market are USB2.0.

Here are some common types of USB 2.0 devices:

Monitors, Communication devices, Audio Human Input Device(HID), Mass storage drives etc.

Most flash memory, USB HDD etc. belongs to Mass Storage Class. Mass Storage Class includes 2 transport manners:

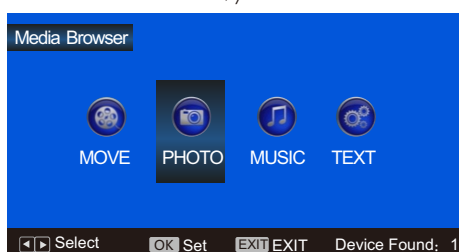
1. USB 2.0 Mass Storage Class Control/Bulk/Interrupt (CBI) Transport
2. USB 2.0 Mass Storage Class Bulk-Only Transport

This unit supports USB 2.0 Mass Storage Class Bulk- Only Transport.

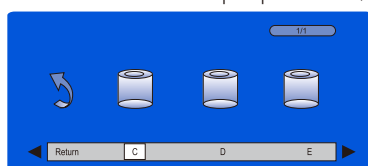
When using USB I.I Mass Storage Class Bulk-Only Transport devices, please note that the file operation system only supports Windows FAT, it does not support FAT32 and NTFS file system.

3. Before you use the USB function, you should change the TV to USB source.

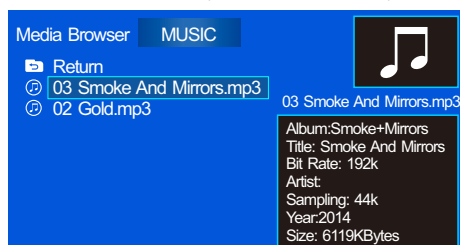
4. In USB main menu, you should select the media type, press **OK** to enter:



5. if the drive has multiple partitions, select DISC.



6. when see file list, you can select any file to preview or play.



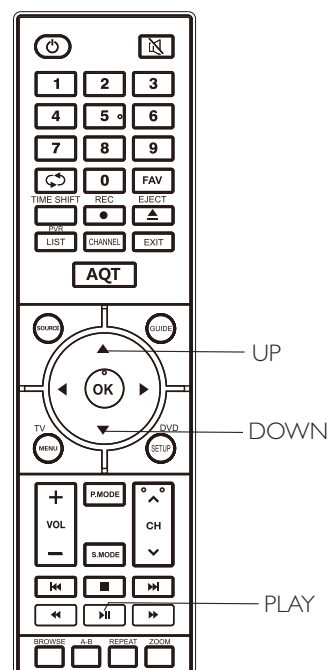
7. In photo, music, movie and text play mode, you can use **◀ ▶** and **OK** key to operate file.

NOTES

- This player can play MPEG 2 and JPEG files in USB device.
- When reading MPEG files on the USB there may be a long pause.
- In movie playback mode if wanted image is too small press play button to fill whole screen.
- If there are no files in USB devices, on-screen appears "Empty Device". If USB devices have a problem, or the operation is incorrect, the screen displays "Device Error". Please check USB device, or else unplug them then insert them again.
- If a USB device unsupported the unit may 'lock-up' and become unresponsive to commands. In this event please power down TV and remove USB and switch on the TV. device, and then switch the power back on to reset the machine.
- This unit does not support USB On The Go (OTG) technology, so any devices with OTG data exchange mode may not work correctly. Check this out before operation.
- Do not remove the USB whilst it is reading/playing.
- The symbol shown below means an invalid operation has been attempted.



Press the effective button again.



Operating the TV

Operating the TV.

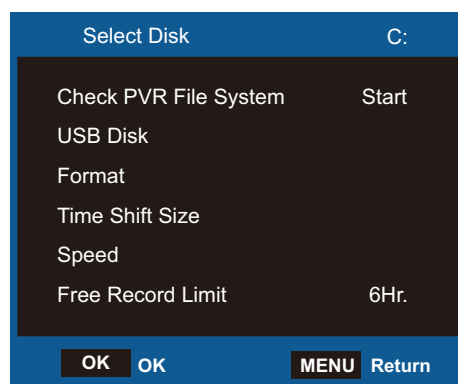
To format your memory device and create a PVR file, press the MENU key on the remote .

Scroll down through the menu using the ▼▲ keys to Digital TV or Satellite TV

Press ► key to access the menu options and using the ▼▲ key select the PVR FILE SYSTEM and press OK .

Using the ▼▲ keys to navigate through the PVR FILE SYSTEM menu options, select CHECK PVR FILE SYSTEM and then FORMAT part or all of the USB/HDD.

1.PVR FILE SYSTEM MENU



Select Disk will select the destination disk for recording TV program.

- Check PVR File system.
- Format will format the disk.
- Max record time will limited the max record time.
- After recording, press **list** button to display files information. Pressing **info** button to display details.

Key to abbreviations:

PVR: Personal video recorder
HDD: Hard disk drive
DTV: Digital television
SD: Standard definition
HD: High definition

Insert USB or HDD. Then enter SELECT DISK

If using a USB device, default disk name is DISK C:

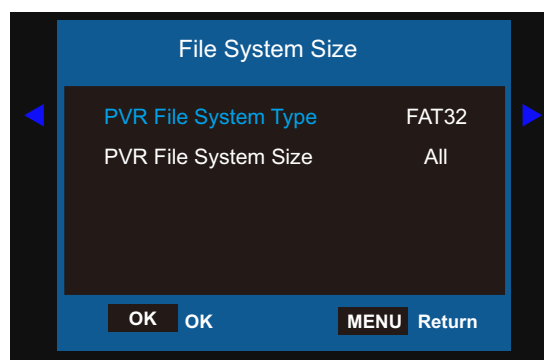
If using a HDD, and HDD has two or more partitions, the system allows you to select C:/D: disk and so on by pressing ◀▶ .

Select **OK** to continue.

Select **EXIT** to exit.

Note : USB must be in USB (not USB REC) to format

2.CHECK PVR File System



Allows you select USB disk or HDD size for recording. Pressing ◀▶ to change.

System will show max recording time for SD and HD signal.

You can't select definition for recordings.

It's determined by the input signal.

Select **OK** to continue.

Select **EXIT** to exit.

Allows you to set size for recording.

For example, if USB is 4GB system allows you select 1 GB/2GB/3GB/all by pressing ◀▶

Select **OK** to continue.

Select **EXIT** to exit.

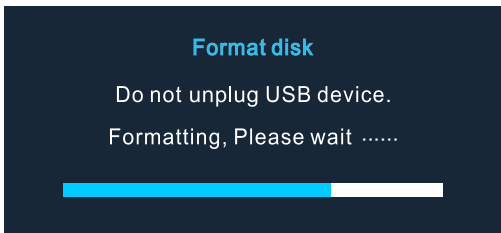
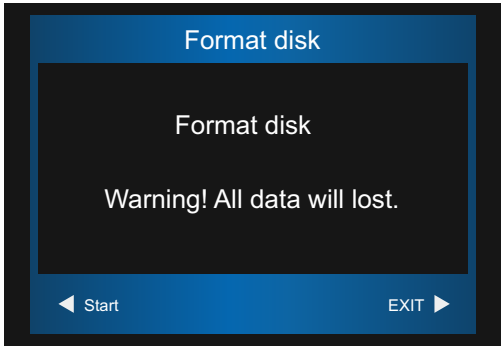
Operating the TV

3. FORMATTING



if you want to format disk,
Please note all data will be lost.

select start to format, during formatting,
do not power off the TV, select **EXIT** to
cancel.



Warning:
Please make sure your USB or hard disk has at least 500MB
free space and then create PVR file system before you record
Digital TV program.



You can list all recorded files by pressing List button



You can playback files in the recorded list
By pressing ► or **OK** to playback.
By pressing ■ to stop.



Press the **Time Shift** button to enter Time shift
recording mode.



Press the ► button to enter time shift playback
mode.
Press ■ button to exit.
In record, play and time shift mode, you can use
◀, ▶ and **OK** buttons to select function.

TROUBLESHOOTING

To assist in locating possible faults use the help guide below.

Troubleshooting	
No picture, no sound	Check that TV is correctly plugged in. Check the TV is connected to a suitable power source. Check the electrical supply is turned on.
No picture	Ensure that the TV is turned on. Check that the cables are fitted securely. Ensure the aerial and/or external sources are connected. Press the Source button to change the source.
No sound	Press Mute button and check if Mute mode is set. Switch to another channel and see if the same problem occurs. Press V+ button to see if the problem can be solved.
Poor sound	Check if correct sound system is selected (refer to page 19).
No picture on some channels	Check correct channel is selected. Adjust the aerial.
No colour on some channels (black and white)	Check if the same problem exists on other channels. Ensure the correct picture settings are selected (refer to page 19).
Spots on some or all channels	Check that the aerial is correctly connected. Check that the aerial is in good condition.
Controls not working	Disconnect the TV from power supply, wait 10 seconds, reconnect the TV to the power supply.
No response to remote control.	Remote control not aimed correctly. Front panel remote control sensor obstructed. Remote control batteries inserted incorrectly. Remote control batteries exhausted.

If none of the suggestions seem to work, try switching your TV off and then on again. Never attempt to repair the TV yourself.

Note: The TV must only be repaired by a qualified registered service person. Never attempt to remove the back cover as the TV has dangerous voltages inside that may cause fatality or fire.

Care and maintenance

Disposal



This symbol on the product or on its packaging indicates that this product may not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local council office, your household waste disposal service.

Guarantee

Your AVTEX television is covered by a 3 year parts and labour guarantee. This means that if the television develops a fault during the guarantee period we arrange a repair free of charge. Your original receipt acts as your guarantee so please make sure that you retain it throughout the guarantee period.

Please note that this guarantee does not cover you against faults caused by accidental damage or misuse.

This does not effect your statutory rights.

Manufacturer

Calon Point
No.1 Fountain Lane
St.Mellons Business Park
Cardiff
CF30 FE
United Kingdom

Specifications

Specifications of the TV that you have just purchased may vary from the information in this table due to technical innovations.

Panel	Type:	LED panel
	Size:	32"
	Display size (mm):	698.4(H)×392.85(W)
	Pixel pitch (mm):	0.36375(H)×0.36375(W)
	Response time (ms):	6.5ms
	Brightness (cd/m2):	220
	Contrast ratio:	4000:1
	Viewing angle (H):	178
	Viewing angle (V):	178
	Panel life (hours):	30000
Frequency	Vertical:	Frame rate : 50~65Hz
	Horizontal:	60~75Hz
	Display colour:	16.7 Million colours
Display Mode	Optimum mode:	1920×1080;75Hz
Inputs	HDMI:	2
	USB:	2
	Mini AV	1
Outputs	Audio	
	Headphone:	1
	Coaxial	1
Colour systems	Video inputs:	PAL, SECAM, NTSC 3.58, NTSC 4.43, PAL60
Power adapter	Input	100V-240V-,50/60Hz
	Output	⎓ 12V,4 A
Power	Normal:	48W
	Standby:	< 0.5 W
Environmental consideration	Operating temperature:	+5°C ...+35°C
	Operating humidity:	10 ~ 80 %
	Storage temperature:	-20°C ...+45°C
	Storage humidity:	5%~ 95 %
DTV	Input connector	IEC-Type,IEC169.2,Female
	Frequency range (VHF/UHF):	474 ~ 858MHz
	Channel range (VHF/UHF):	8MHz
SAT TV	Input interface:	F-type
	Frequency scope:	950-2150 MHz
	Input level:	-65-25dbm
	Input impedance:	75
Dimensions (WxHxD)	721.4mm×422.6mm×41.7mm	
Net weight	5.82kg	



Features

Full HD

Electronic Programme Guide (EPG)

Two HDMI sockets

Wide Viewing Angle

USB Interface

Model: L320TRS-v2