

# artex

## User guide



Model: 199DSFVP/219DSFVP/249DSFVP

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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

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

## In the box

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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
- 4 x M4 x10mm size screws

# 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;

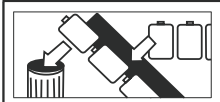
- NEVER guess or take chances with electrical equipment of any kind. It is better to be safe than sorry!

# 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.



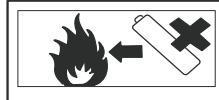
Store unused batteries in their packaging and away from metal objects which may cause a short-circuit resulting in leakage or, in extreme cases, fire or even an explosion.



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 ventilations.
- 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

## Bateries

- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose bateries 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 bateries 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.



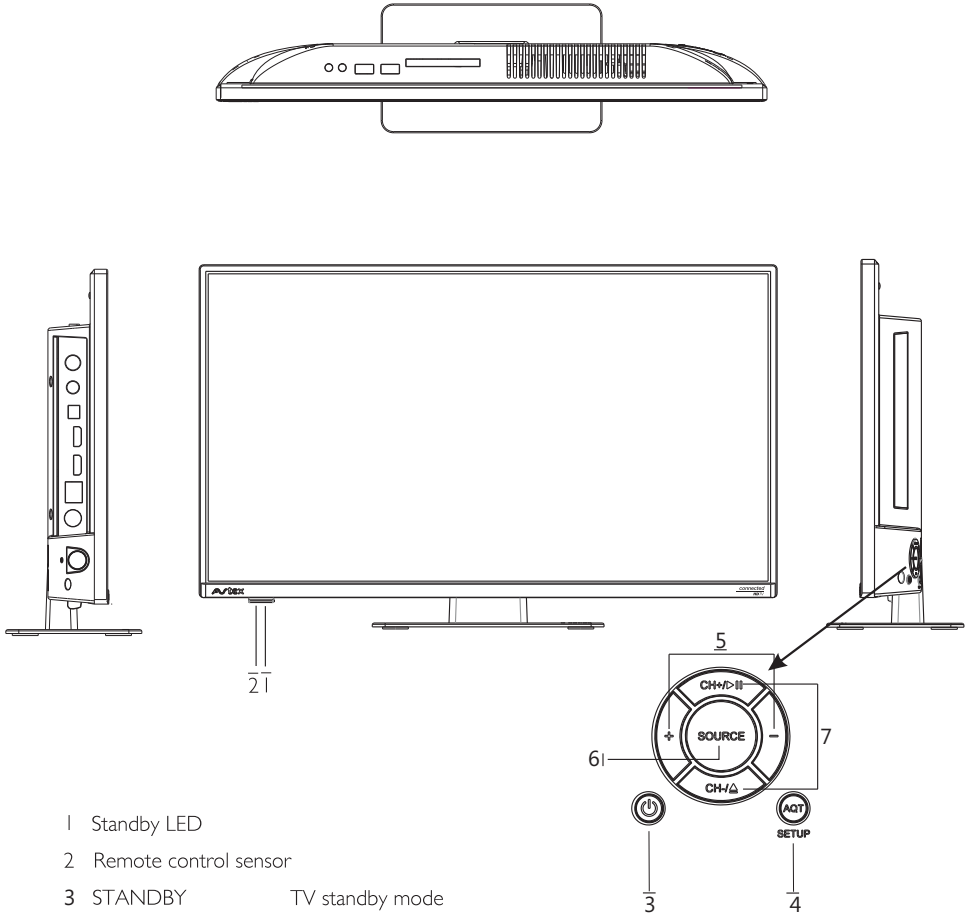
The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the unit's enclosure that may be sufficient magnitude to constitute a risk of electric shock.



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

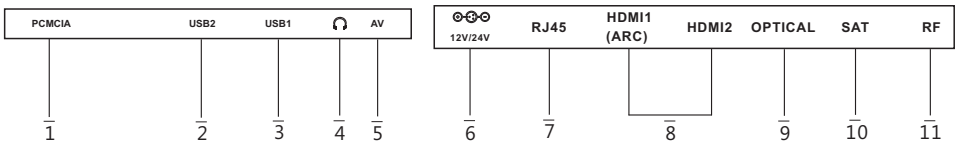
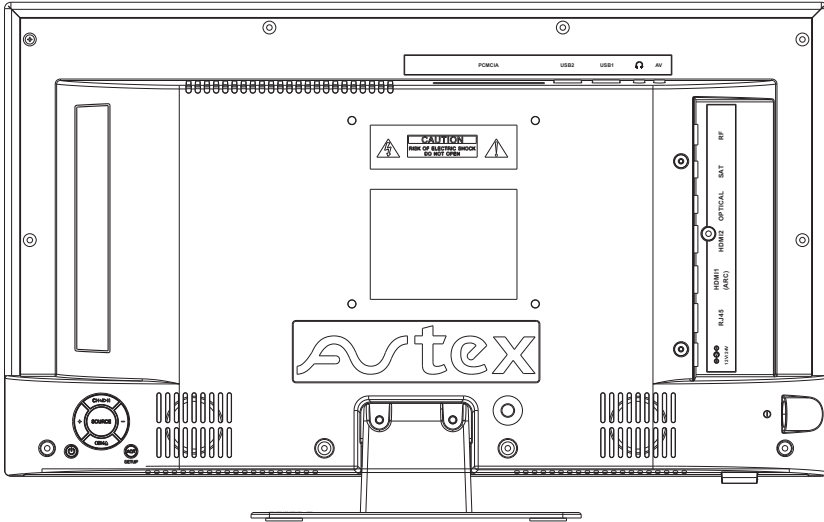
## Front, side and above views



- 1 Standby LED
- 2 Remote control sensor
- 3 STANDBY TV standby mode
- 4 SETUP Enter or exit setup menu
- AQT Press and hold(more than 3 seconds) the button to start autoscanning in DTV
- 5 VOL+/- Increases /Decreases the volume
- 6 SOURCE Accesses the SOURCE menu
- 7 CH+/- Increases /Decreases the channel number

# Parts identification

## Rear view



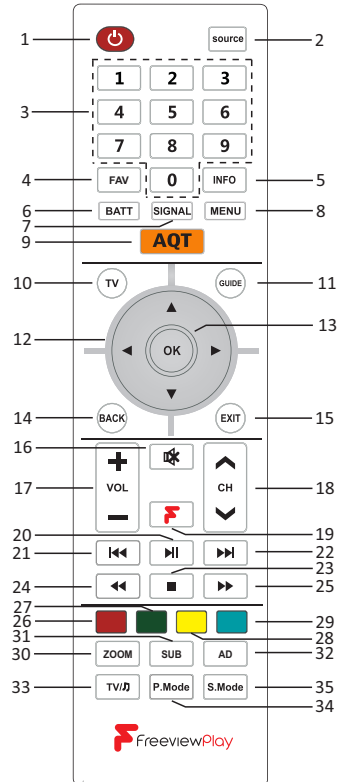
- 1 PCMCIA card Slots for external Conditional Access(CA)-modules.
- 2 USB2 for record
- 3 USB1 for record
- 4 Headphone output terminal
- 5 AV input
- 6 12V/24V DC input terminal
- 7 Rj45 internet input
- 8 HDMI1/HDMI2 in socket. Refer to HDMI lead on page12
- 9 Optical audio out
- 10 SAT input terminal
- 11 RF input terminal(Aerial)

# 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.Source          | Input source selector.   |
| 3.Numeric butons. | Numeric butons.  |
| 4.FAV             | To display Favourite list in DTV.  |
| 5.INFO            | To display the current playing program information in TV/SAT.            |
| 6.BATT            | To display TV supply voltage.  |
| 7.SIGNAL          | To display signal strength and quality.                                  |
| 8.MENU            | To display system menu .   |
| 9.AQT             | Press and hold(more than 3 seconds) the buton to start auto scan in DTV. |
| 10.TV             | Press to back to TV.   |
| 11.GUIDE          | To display the program guide in DTV/SAT.                                 |
| 12.▲▼◀▶           | Adjusts selected item in the menu.                                       |
| 13.OK buton       | Confirms a selection.  |
| 14.BACK           | Return back to previous programme.                                       |
| 15.EXIT           | Exits out of a menu.   |
| 16.🔇              | Mutes the sound.   |
| 17.VOL+/-         | Increases and decreases volume level.                                    |
| 18.Channel ◀▶     | Changes the TV channel.  |
| 19.📺              | Press to launch FVP.   |
| 20.⏪              | To play normally or pause playing in USB.                                |
| 21.⏮              | To select the previous chapter or track in USB.                          |
| 22.⏭              | To select the next chapter or track in USB.                              |
| 23.⏹              | To stop playing in USB.  |
| 24.⏮              | To fast backward playback in USB.  |
| 25.⏭              | To fast forwards playback in USB.  |
| 26.RED buton      | Teletext Red buton. Switch to movie in USB mode.                         |
| 27.GREEN buton    | Teletext Green buton. Switch to music in USB mode.                       |
| 28.YELLOW buton   | Teletext Yellow buton. Switch to photo in USB mode.                      |
| 29.BLUE buton     | Teletext Blue buton. Refresh DMS list.                                   |
| 30.ZOOM           | To zoom in or zoom out the picture in USB.                               |
| 31.SUB            | Displays sub pages in teletext.  |
| 32.AD             | Allows you to turn on/off/AD switch.(only available in DTV).             |
| 33.TV/📺           | Switches between TV and Radio mode in DTV/SAT.                           |
| 34.P.Mode         | To change picture mode.  |
| 35.S.Mode         | To change sound mode.  |



# Connecting the TV

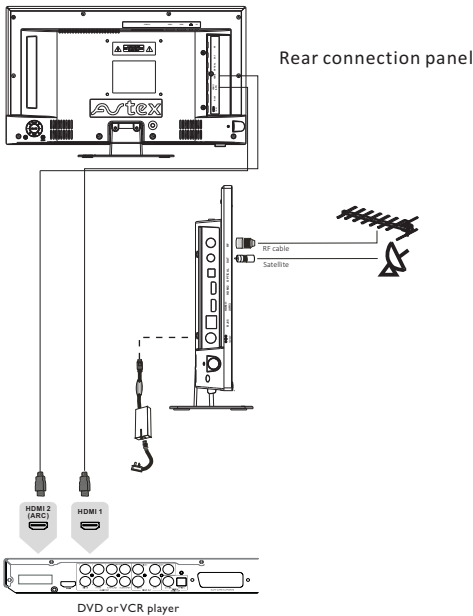
## Connecting the aerial



**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.

- 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 setup 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.



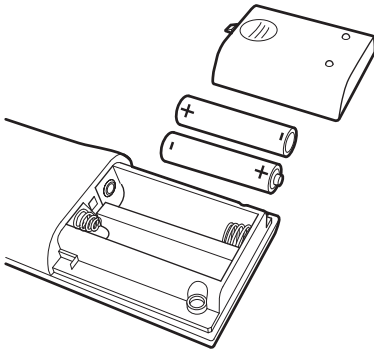
# Remote control

## Remote control

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### 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

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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.

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**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.**

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

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**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.**

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# Operating the TV

## Switching on

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

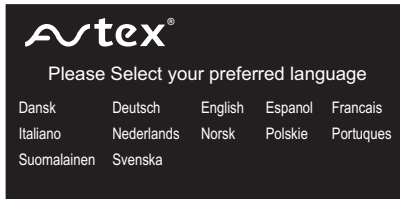
1. Switch on the main switch on the left-hand side of the TV.
2. Press the **Standby** button on the remote control. The standby indicator will change to blue.

## Switching off

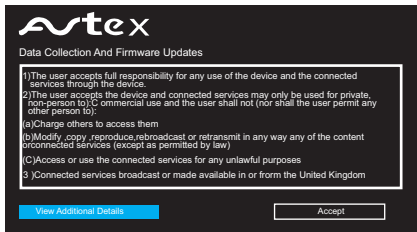
To switch the TV to **standby** press the Standby button on the remote control. The standby indicator will change to red. To save energy do not leave the TV in standby mode for long periods such as overnight. Switch the TV off using the **Power** switch on the side of the TV

## At First Switch On

When the TV is switched on for the first time the following screen will appear, press the cursor buttons to select the preferred language and press the OK button.

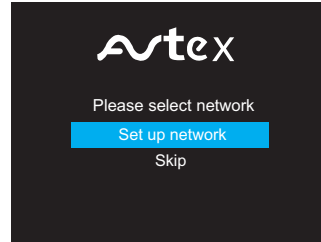


Data collection and firmware updates, view details and select accept to go to the next page.



## Get Connected

After the terms and conditions have been accepted, it is possible to set up network connection, this can either be via a wired ethernet connection or a wireless connection via the TV's built in WiFi. You will be presented with the following screen.



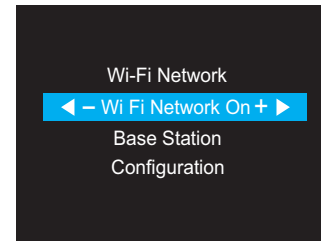
It is possible to make a network connection later, if this is the case please select "Skip" otherwise select "Set up network" and press OK

## Wireless Network Connection

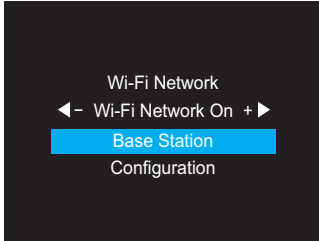
Select Wi-Fi Network and press OK



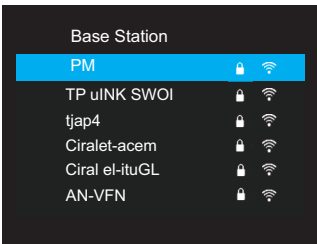
Using <> cursor keys select Wi-Fi network to ON



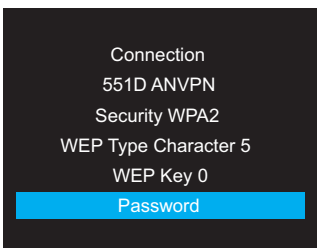
Using cursor keys select Base Station and press OK



The TV's internal Wi-Fi will scan for all available networks and list accordingly, select the wanted Wi-Fi and press OK



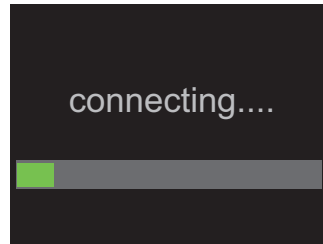
Select the Password option and press OK



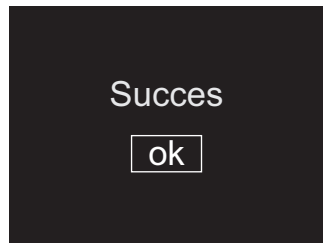
At this stage you will need to enter the network password, this usually can be found on the rear of your router/ dongle/tethered device or in the device's supplied instruction manual, using the cursor keys and OK button



The TV will then connect to the network and will inform you when complete



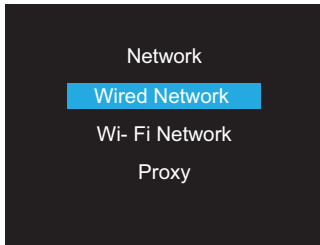
Successful Connection, press OK



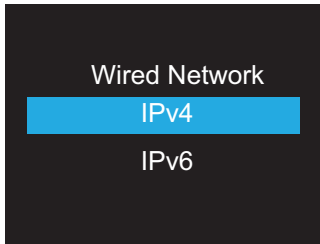
## Wired (Ethernet) Network Connection

It is possible to also create a network connection using the relevant ethernet cables inserted into the TV's ethernet socket and your base station (router).

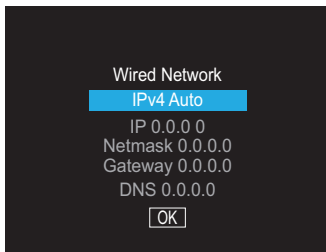
At the initial network selection screen, please select wired network.



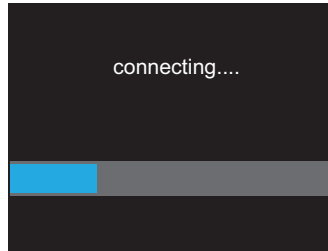
Ensure IPv4 is highlighted and press OK



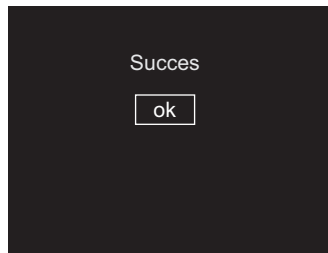
If all connections are secure you will be presented with the following page, using the cursor keys select Ok and press the OK button on the remote control.



The TV will then connect to the network and will inform you when complete



Successful Connection, press OK



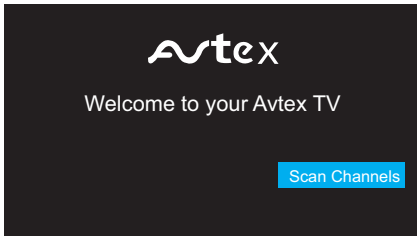
Once Network connection is complete it is then possible to proceed to the tuning options on the television. All these connection procedures can be accessed anytime during normal operation in the Options menu by selecting Network Configuration.

## Tuning in digital TV

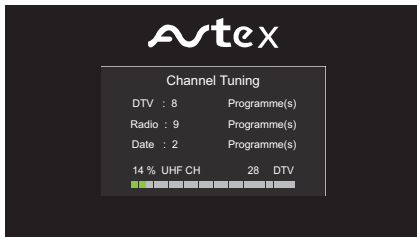
After network television you will be presented with the following options to either use the terrestrial or satellite broadcast. To tune into digital television using the cursor keys select Freeview TV and press OK.



You will be presented with the following screen, press the OK button to proceed.

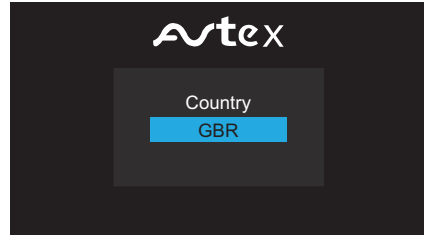


The television will then automatically scan and populate all the available broadcast channels, this will take a number of minutes.



Once the channel scan is complete, the TV will offer any options of the regional tuning that may be available (this will be dependent on area and signal strength)

If more than one regional transmitter is available use cursor keys to select your preferred country, press OK, and then the primary region preference, then press OK



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.

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.

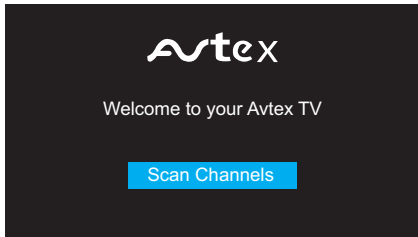
Once the target region setting or Auto search is completed, the TV will display the first available digital channel. For more information, please refer to other sections of the User guide.

## Tuning satellite TV

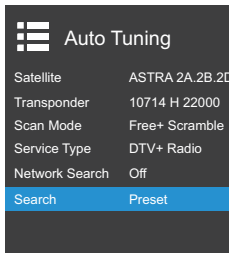
After network television you will be presented with the following options to either use the terrestrial or satellite broadcast. To tune into satellite television using the cursor keys select Satellite TV and press OK.



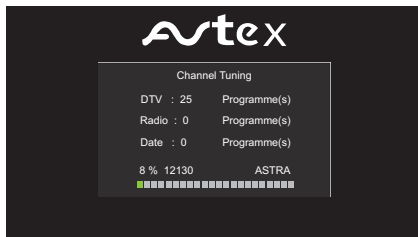
You will be presented with the following screen, press the OK button to proceed.



When presented with the Auto Tuning page, using the cursor keys select the "Search" function and ensure this is set to "Preset". Press OK, and this will populate the channel list in a logical order:



This will populate the Avtex channel.



## Connected TV



Terms and conditions: Minimum broadband speed of 2Mbps required for catch up and on demand services. Watching on demand and catch up programmes will count towards any monthly broadband data allowance. 7-day catch up for selected channels. Extra costs may apply for additional third party services shown.

Availability of channels subject to geographic location and coverage. Aerial upgrade and/ or receiver may be required. Visit [freeview.co.uk/availability](http://freeview.co.uk/availability)

The FREEVIEW words and logos are trade marks of DTV Services LTD. © DTV Services Ltd The channel logos are trademarks and copyright of their respective owners.

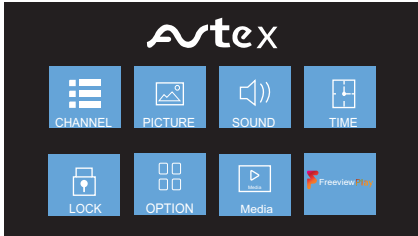
## Basic Operation

To access the Freeview Play feature, please press the dedicated button on the remote control. If the TV is connected the following screen will be displayed.



It is possible to navigate throughout this screen using the appropriate cursor keys and remote-control buttons. To launch any of the wanted "players" or programmes highlight with the red border and press the OK button, this will take the user to the desired service. Often on first time launch it may be required to enter login details, this will usually only need to be done once but the feature will be governed by the provider and not the Avtex television.

It is also possible to launch the Freeview Play Homepage via the menu, press menu button to view then select the FVP icon and press OK.



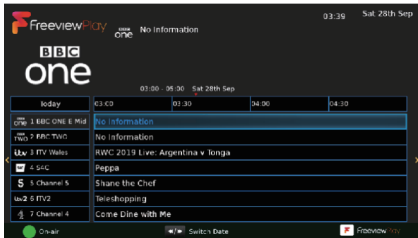
## Forward Guide/Backwards Guide

Pressing GUIDE Button on the remote control will reveal the 15 Day EPG/BEPG (Electronic Programme Guide/Backwards Electronic Programme Guide).

The focal point when first entering the EPG lands on the live event on the current channel, and this event is highlighted in blue.

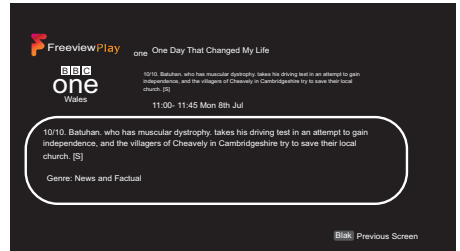
Left and right arrows are shown to allow the user to go both forwards and backwards throughout the EPG/BEPG.

Please note the TV needs to be connected to support the backwards area of the guide.



A left cursor press from any current event will present the BEPG.

The programmes highlighted with white text are supported and can be viewed through the appropriate player by pressing the "Play" button on the remote control. Programmes in grey text are currently not available to access. Navigation through the EPG/BEPG would be via traditional left, right, up and down cursor keys. After selecting a programme, the text will go blue pressing the info button on the remote control will reveal any extended information about the selected programme.



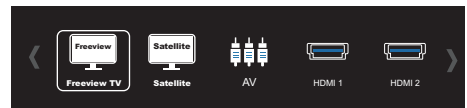
When in the BEPG, press the GREEN button to return to the current event.

## Operating the TV

### Basic operation

#### Source selection

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



Use the cursor 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.

### Back channel

Press the BACK 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 BACK button to return to channel 1. Press the BACK button again to return to channel 3.

### Volume

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

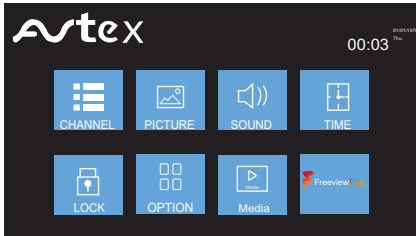
### Mute

Press the **MUTE** button to mute the sound. Mute will appear at the top left-hand side of the screen. Press the **MUTE** button again or the **V+** button to restore the sound. Mute will disappear from the screen.

## Menu Operation

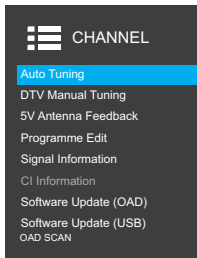
The menus allow you to adjust and control the TV.

1. To access the on-screen menus, press the MENU button.
2. Press the cursor buttons to navigate around the menu screens and available options.
3. To exit the menu press the Exit or MENU button

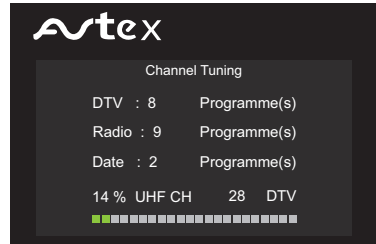


### Channel Setup (Digital TV only)

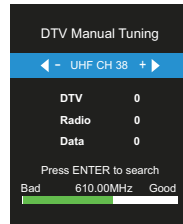
This menu allows you to adjust the channels and the channel settings.



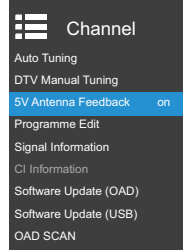
**Auto Tuning** - Press OK to perform a new terrestrial channel scan. Any services found during scan will be displayed in the list.



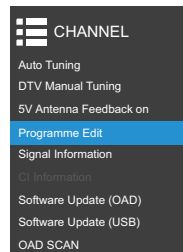
**DVB-T Manual Search** - Allows you to manually search and tune the TV to individual channel frequencies.



**5V Antenna Feedback** - Turn on and off RF antenna power.

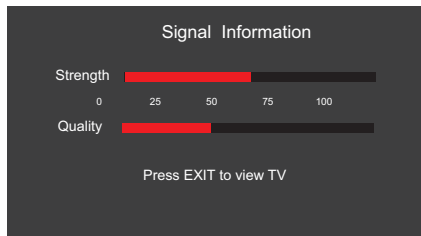


**Programme Edit** - Allows you to delete, skip and add channels to the Favourite list. Red button will delete the selected channel, Blue will skip selected channel. Press the FAV button to create a Favourites list.



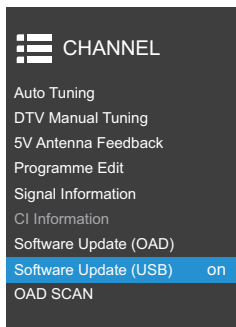


**Signal Information** -Allows you to see channel signal strength and signal quality.

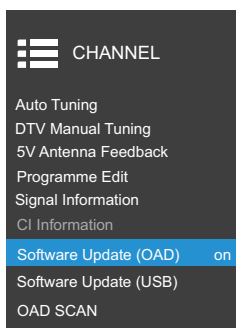


**CI Information** - Allows you to access the Common Interface Card and its status.

**Software Update (USB)** - Allows you to update software via USB. Only use software issued directly from Avtex.



**Software Update(OAD)** – Switches over air download feature on/off

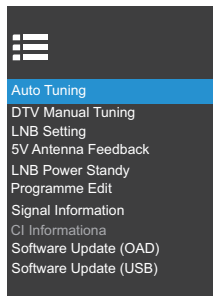


**OAD SCAN** - Manually searches for any over air software downloads

## Channel Setup (Satellite TV only)

Press the Menu button and select Channel, you will be presented with the menu below.

### Channel Setup



Select Auto tuning will list all available satellites, transponder and various system settings. For standard use in the UK please select Astra 2A, 2B, 2D and using the cursor keys set the Search settings to PRESET

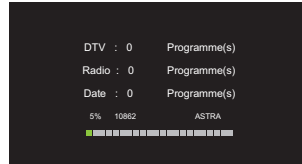
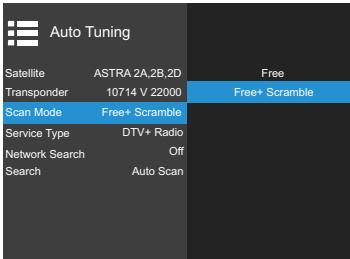
Auto Tuning	
Satellite	ASTRA 2A,2B,2D
Transponder	10714 H 22000
Scan Mode	Free+ Scramble
Service Type	DTV+ Radio
Network Search	Off
Search	Auto Scan

This will load the default Avtex channel list in a logical order.

To future proof your Avtex television it is possible to add, edit delete any of the satellite or transponder parameters. Unless informed otherwise it is suggested to leave all values at the default settings.

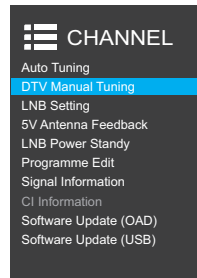
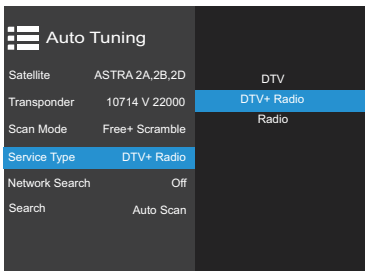
Auto Tuning	
Satellite	ASTRA 2A,2B,2D
Transponder	10714 H 22000
Scan Mode	Free+ Scramble
Service Type	DTV+ Radio
Network Search	Off
Search	Auto Scan

**Scan Mode** – Select all channels or include any “pay-per-view” channels



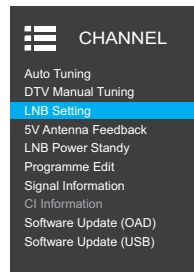
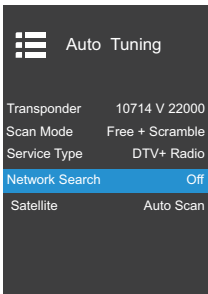
**DVB-T Manual Search** - Allows you to manually search and tune the Satellite TV to individual channel frequencies.

**Service Type** – Select TV and Radio, or just TV or Radio



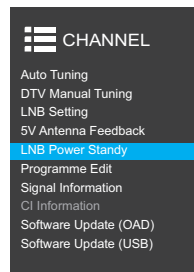
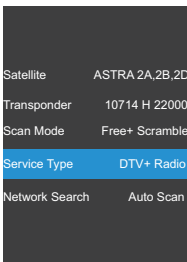
**LNB Setting** – LNB adjustments, DiSeqC settings. ( It is recommend to leave as default unless advised otherwise)

**Network Search** – Default setting off

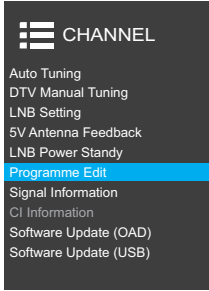


**LNB Power Standby**- If set to ON when the TV is in standby will still apply an LNB voltage, default setting is OFF

**Search** – to load Avtex default channel list select Preset

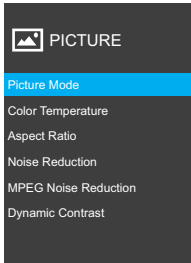


**Programme Edit** - Allows you to delete, skip and add channels to the Favourite list. Red button will delete the selected channel, Blue will skip selected channel. Press the FAV button to create a Favourites list.



## 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 pre-set levels of contrast, brightness and colour. You can choose from the following settings:

- User
- Standard
- Dynamic
- Movie

Using the cursor keys allows you to make changes to the picture settings in the user option.

Auto Tuning		
Standard	Picture Mode	Standard
Color Temperature	Picture Mode	70
Aspect Ratio	Picture Mode	50
Noise Reduction	Picture Mode	70
MPEG Noise Reduction	Picture Mode	20
Dynamic Contrast	Picture Mode	50
	Picture Mode	100

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

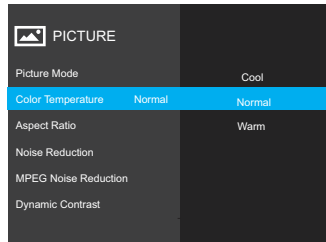
**Contrast** - Allows you to increase or decrease the contrast of the picture.

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

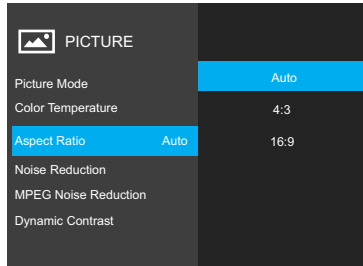
**Sharpness** - Allows you to increase or decrease the sharpness of the picture.

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

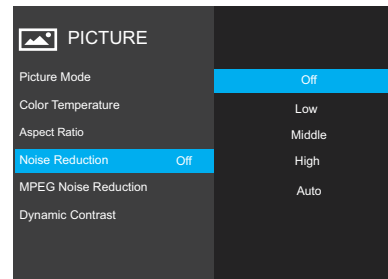
**Colour Temperature** - Allows you to change the colour tones of the screen.



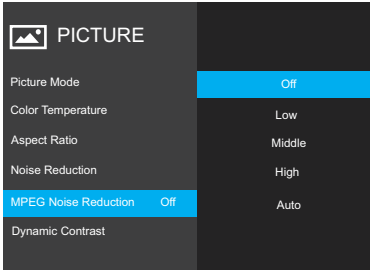
**Aspect Ratio** Allows you to set up aspect ratio.



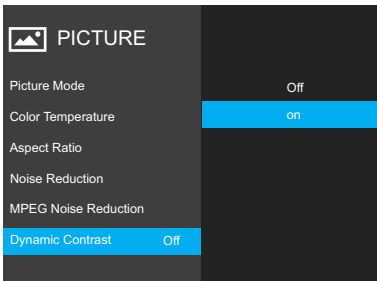
**Noise Reduction** - Allows you to reduce/alter any noise on the images.



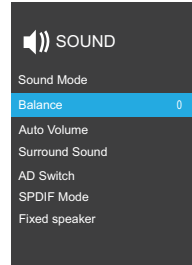
**MPEG Noise Reduction** - Allows you to reduce/alter any MPEG noise



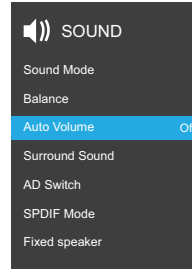
**Dynamic Contrast** – Turn dynamic contrast ratio on/off



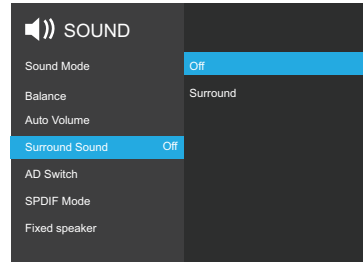
**Balance** - Adjust audio output between the left speaker and the right speaker with cursor keys.



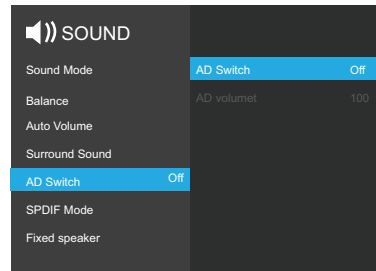
**Auto Volume** - Allows you to turn auto volume on or off.



**Surround Sound** - Allows you to turn on surround sound.



**AD Switch** – Allows you select Audio Description on or off.



## Sound settings

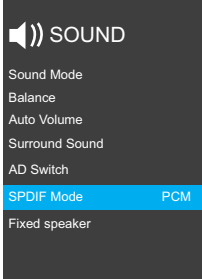
This menu gives you the options for adjusting the TV sound. The following options are available:

SOUND	Sound Mode	Standard	Sound Mode	Standard
	Balance	120Hz	50	
Auto Volume	500Hz	50		
Surround Sound	1.5KHz	50		
AD Switch	5KHz	50		
SPDIF Mode	10KHz	50		
Fixed speaker				

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

- User
- Standard
- Music
- Movie
- Sports

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

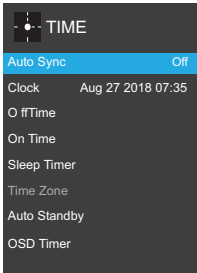


**Fixed Speaker** – Allows you to turn on/off the headphone output.

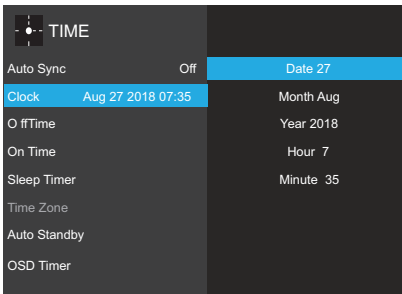
## Time

The time menu will allow you to access and alter time related features of the television.

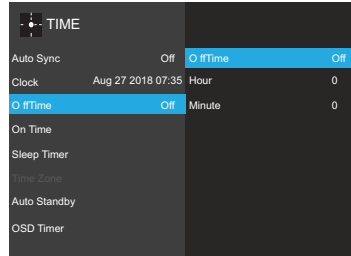
**Auto Sync** – Allows you to turn on/off the auto synchronisation of the time, preferred setting would be ON.



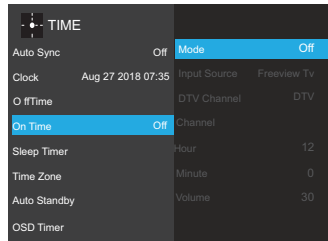
**Clock** – Manually adjustment of current time and date.



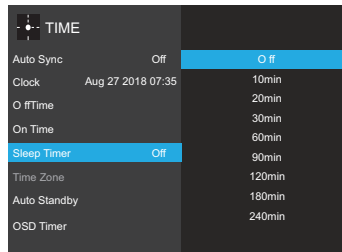
**OffTime** – Timer setting allows you to turn off the TV at specified time.



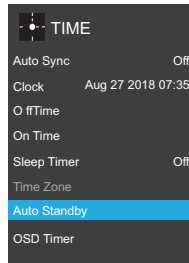
**On Time** – Timer setting allows you to switch on the TV at specified time.



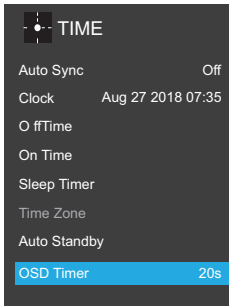
**Sleep Timer** – Allows you to set the sleep timer. The sleep timer allows you to turn the TV off.



**Auto Standby** – Allows you to turn on/off the auto sleep after four hours, or change to auto sleep after 6 or 8 hours.



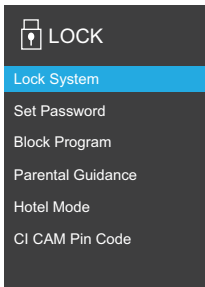
**OSD Time** - Allows you to alter OSD menu display time out, 5seconds, 10 seconds, 15 seconds, 20 seconds and 30 seconds



## 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.

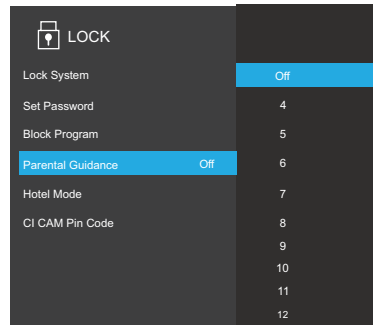
**Lock System** - Allows you to lock the system. Press OK to access, the default password is 0 0 0 0. If feature to be utilised must be set to after password input.



**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:

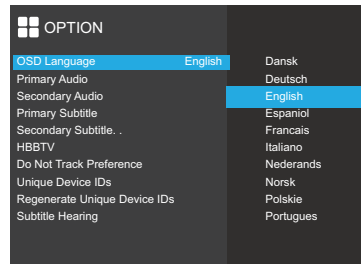
- Off
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

Note: This feature may not be supported by all broadcasters

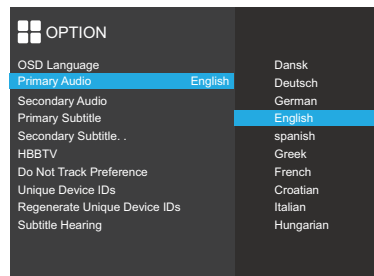


## Option

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

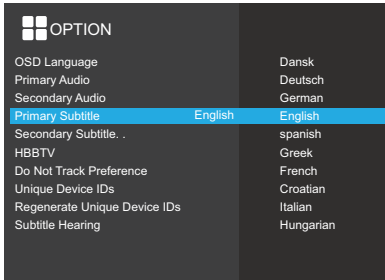


**Primary Audio** - Allows you to set primary audio languages.



**Secondary Audio**- Allows you to set secondary audio language.

**Primary Subtitle** - Allows you to set the primary subtitle language.



**Secondary Subtitle** - Allows you to set the secondary subtitle language.

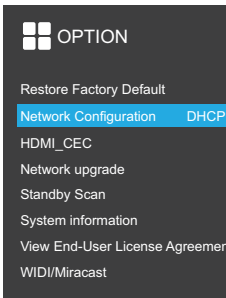
**HBBTV** – Will toggle HBBTV on/off

**Do Not Track Preference** – users can opt-out of the collection of data regarding a user's activity.

**Unique Device IDs** - Unique device id è Together with serial number, manufacturer, html data, request time, and production make up unique device ID.

**Regenerate Unique Device IDs** – Unique device id Update regenerated unique ID.

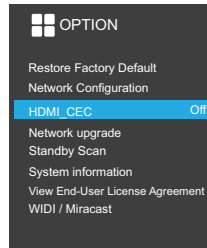
**Subtitle Hearing** - An additional descriptive subtitle service. (Dependent on broadcast)



**Restore Factory Default** - Allows you to reset all TV settings back to the default settings. Please note this will affect all user settings including favourites, tuning etc.service. (Dependent on broadcast)

**Network Configuration** – Option used to get Connected, please refer to instructions At First Switch On

**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. The device list will display equipment that is currently available.



**Network Upgrade** – When selected will search the network for any software updates. It is strongly suggested that you perform any updates when connected to a stable WiFi network preferably when in the home rather than on a mobile data plan.

**Standby Scan** – Update channel scan in standby mode.

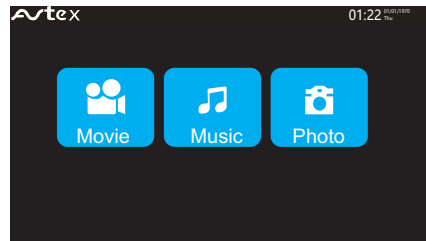
**System information** – Provides all TV information. Please note values will change if TV is connected to network.

**View End-User License Agreement** – View license agreement anytime.

**WIDI / Miracast** – Launch Miracast

## Media

Your Avtex television will allow you view and playback movies, photographs and music when a compatible USB with relevant media is inserted into one of the USB sockets.



Use the cursor and OK keys to select the wanted media. Press OK to preview and press PLAY to fill the screen

# Specifications

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

<b>Panel</b>	Type:	LED panel
	Size:	19.53"
	Display size (mm):	434.88.38(H) x 238.68(V)
	Pixel pitch (mm):	0.2265(H)x0.221(V)
	Response time (ms):	20ms
	Brightness (cd/m2):	250
	Contrast ratio:	3000:1
	Viewing angle (H):	176
Viewing angle (V):	176	
Panel life (hours):	50000	
<b>Frequency</b>	Vertical:	Frame rate : 50 ~ 75 Hz
	Horizontal:	30 ~ 75 Hz
	Display colour:	16.7 Million colours
<b>Display Mode</b>	Optimum mode:	1920 x 1080;75Hz
<b>Inputs</b>	Mini AV:	1
	HDMI:	2
	USB:	2
	Onboard dual band Wi-Fi antenna	2.4 GHz and 5 GHz bands
	Ethernet	10/100 Mbit/s
<b>Outputs</b>	<b>Audio</b>	
	Headphone:	
	Coaxial	
<b>Colour systems</b>	Video inputs:	PAL, SECAM, NTSC 3.58,NTSC 4.43,PAL60
<b>Power adapter</b>	Input	100V-240V~,50/60 Hz
	Output	≈12V,3.3A
<b>Power</b>	Normal:	30 W
	Standby:	< 0.5 W
<b>Environmental consideration</b>	Operating temperature:	+5°C ...+35°C
	Operating humidity:	10 ~ 80 %
	Storage temperature:	-20°C ...+45°C
	Storage humidity:	5%~ 95 %
<b>DTV</b>	Input connector	IEC-Type,IEC169.2,Female
	Frequency range (VHF/UHF):	474 ~ 858MHz
	Channel range (VHF/UHF):	8MHz
<b>SAT TV</b>	Input interface:	F-type
	Frequency scope:	950-2150 MHz
	Input level:	-65-25dbm
	Input impedance:	75
<b>Dimensions (WxHxD)</b>		448.9mm x 278.2mm x 46.2mm
<b>Net weight</b>		2.5kg



# Specifications

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

<b>Panel</b>	Type:	LED panel
	Size:	21.5"
	Display size (mm):	476.064(H) x 267.786(V)
	Pixel pitch (mm):	0.24795(H) x 0.24795(V)
	Response time (ms):	25ms
	Brightness (cd/m2):	250
	Contrast ratio:	3000:1
	Viewing angle (H):	178
Viewing angle (V):	178	
Panel life (hours):	50000	
<b>Frequency</b>	Vertical:	Frame rate : 50 ~ 75 Hz
	Horizontal:	30 ~ 75 Hz
	Display colour:	16.7 Million colours
<b>Display Mode</b>	Optimum mode:	1920X1080;75Hz
<b>Inputs</b>	Mini AV:	1
	HDMI:	2
	USB:	2
	Onboard dual band Wi-Fi antenna	2.4 GHz and 5 GHz bands
	Ethernet	10/100 Mbit/s
<b>Outputs</b>	<b>Audio</b>	
	Headphone:	
	Coaxial	
<b>Colour systems</b>	Video inputs:	PAL, SECAM, NTSC 3.58,NTSC 4.43,PAL60
<b>Power adapter</b>	Input	100V-240V~, .50/60 Hz
	Output	≈1 2V,3.3A
<b>Power</b>	Normal:	32 W
	Standby:	<0. 5 W
<b>Environmental consideration</b>	Operating temperature:	+5°C ...+35°C
	Operating humidity:	10 ~ 80 %
	Storage temperature:	- 20°C ...+45°C
	Storage humidity:	5%~ 95 %
<b>DTV</b>	Input connector	IEC-Type,IEC I 69.2,Female
	Frequency range (VHF/UHF):	474 ~ 858MHz
	Channel range (VHF/UHF):	8MHz
<b>SAT TV</b>	Input interface:	F-type
	Frequency scope:	950-2150 MHz
	Input level:	-65-25dbm
	Input impedance:	75
<b>Dimensions (WxHxD)</b>	491.9mm x 308.2mm x 46.2mm	
<b>Net weight</b>	2.9kg	


# Specifications

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

<b>Panel</b>	Type:	LED panel
	Size:	23.8"
	Display size (mm):	527.04(H) x 299.46(V)
	Pixel pitch (mm):	0.2715(H) x 0.2715(V)
	Response time (ms):	15ms
	Brightness (cd/m2):	250
	Contrast ratio:	1000:1
	Viewing angle (H):	178
Viewing angle (V):	178	
Panel life (hours):	50000	
<b>Frequency</b>	Vertical:	Frame rate : 56 ~ 75 Hz
	Horizontal:	30 ~ 75 Hz
	Display colour:	16.7 Million colours
<b>Display Mode</b>	Optimum mode:	1920X1080;75Hz
<b>Inputs</b>	Mini AV:	1
	HDMI:	2
	USB:	2
	Onboard dual band Wi-Fi antenna	2.4 GHz and 5 GHz bands
	Ethernet	10/100 Mbit/s
<b>Outputs</b>	<b>Audio</b>	
	Headphone:	
	Coaxial	
<b>Colour systems</b>	Video inputs:	PAL, SECAM, NTSC 3.58,NTSC 4.43,PAL60
<b>Power adapter</b>	Input	100V-240V~, 50/60 Hz
	Output	≒12V,3.3A
<b>Power</b>	Normal:	32 W
	Standby:	<0.5 W
<b>Environmental consideration</b>	Operating temperature:	+5°C ...+35°C
	Operating humidity:	10 ~ 80 %
	Storage temperature:	-20°C ...+45°C
	Storage humidity:	5%~ 95 %
<b>DTV</b>	Input connector	IEC-Type,IEC I 69.2,Female
	Frequency range (VHF/UHF):	474 ~ 858MHz
	Channel range (VHF/UHF):	8MHz
<b>SAT TV</b>	Input interface:	F-type
	Frequency scope:	950-2150 MHz
	Input level:	-65-25dbm
	Input impedance:	75
<b>Dimensions (WxHxD)</b>		539.4mm x 336.4mm x 47.4mm
<b>Net weight</b>		3.4 kg

# 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

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