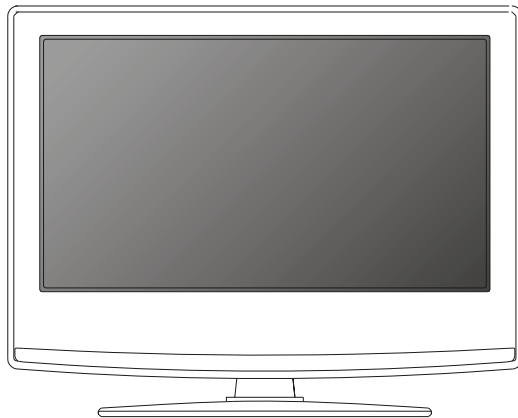# SHARP

LED SMART TV with Freeview, Saorview & USB PVR

User Guide

Model No

LC-40FG5341K

Important safety instruction

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

Maintenance

• To clean your TV, wipe with a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth dipped in a soap and water solution or a weak detergent solution.
• Never use alcohol, paint thinner or benzene to clean this unit.
• Before using a chemically treated cloth, read the instructions that came with the cloth carefully.

CAUTION: If water or other liquid enters the television through the display panel surface, a malfunction may occur.

Mild
detergent
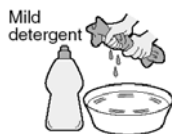
Important information regarding use of video games, computers, captions or other fixed image displays

The extended use of fixed image program material can cause a permanent "shadow image" on the LCD/LED panel, also known as "screen burn".

This "shadow image" can appear in the background during normal viewing. This type of irreversible LCD/LED panel deterioration can be limited by observing the following steps:

1. Reduce the brightness/contrast setting to a minimum suitable viewing level.
2. Do not display the fixed image for extended periods of time.
3. Turn the power off when not in use.

Examples of images that are more likely to cause "screen burn" are as follows (this is not an exhaustive list):

• TV channel logos: e.g. shopping channel logos and pricing displays - especially if they are bright and stationary. Moving or low-contrast graphics are less likely to cause ageing of the screen.
• Time displays.
• Teletext: Do not view a stationary page for a long period of time
• TV/DVD menus: e.g. listings of DVD disc content.
• Pause mode: Do not leave the TV in pause mode for long periods of time, e.g. when watching DVDs or videos.

Important: Once 'shadow image/screen burn' occurs, it will never disappear and is not repairable under warranty.

CONTENTS

REMOTE CONTROL

Key

⊘   For models with integrated DVD players.
▷   For models with PVR Function.
▭   For models with USB Playback.
▲   For models with 3D functions.

1

STANDBY - Switch on the TV when in standby or vice versa.
MUTE - Mute the sound or vice versa.

2

NUMBER BUTTONS - 0–9 to select a TV channel directly.
TV GUIDE - Opens the 7 day TV guide (digital TV mode).
   ⟳ - To return to the previous channel viewed.

3

VOL (+/-) - To increase/decrease the sound level.
PICTURE - Scrolls through picture mode options.
SOUND- Scrolls through sound mode options.
SOURCE - To display the input/source menu.
CH (+/-) - To increase or decrease the channel being watched.
MENU - To display OSD menu.
EXIT - To exit all menus.
(▲/▼/◄/► OK) - Allows you to navigate the on-screen menus and adjust
the system settings to your preference.
BACK - To go back a previous step.
FAV - To display favourites menu.

4

INFO - Press once for now/next channel information.
        - Press twice for information about the current programme.
TEXT - To enter/exit Text.
SUBTITLE - To switch the dialogue at the bottom of the screen (on/off).
TV - To switch to Digital Channels.
YOUTUBE - Access the Youtube App.
NETFLIX - Access the Netflix App.
NET+ - Access the Aquos NET+ Smart Portal.
⊘ ▷ **RECORD/DVD MENU** - Access the USB record function/Access the
DVD menu of the DVD inserted (must be set to the DVD source).
⊘ ▷ **REC LIST/DVD SETUP** - Opens the list of previously recorded items/Access
the TV's DVD setup menu (must be set to the DVD source).

▭ ⊘ ▷
|◄◄ - To restart the current chapter
►►| - To advance forward to the next chapter
■/▲ - To stop the playback/Eject Disc
(To EJECT the disc press/hold the ■/▲ button for 4 seconds)
◄◄ - To play in fast rewind mode
►► - To play in fast forward mode
►|| - To play/pause

⊘ ▷ **GOTO** - To go to a specific chapter.
▷ **A-B** - Press once to set point, press a second time to return to point.
▲ ⊘ **ANGLE/3D** - Select different angle of DVD.
▷ **REPEAT** - To repeat playback.

TV CONTROL STICK AND INPUT SOURCE MENU

An example of the 'Input Source' menu
(will vary by model)

TV Control Stick

TV control stick is located on the back of the TV in the left bottom corner. The control stick can be used to control many of the TV functions.

While TV is in standby mode:
• Press the centre of the control stick once - Power on the TV set

While watching TV:
• RIGHT/LEFT – volume up/volume down
• UP/DOWN – changes channel up/down
• Press the centre of the control stick once – Displays Menu
• Press and hold the centre of the control stick – Standby Power Off

While in menu:
• RIGHT/LEFT/UP/DOWN – navigation of cursor in on-screen menus
• Press the centre of the control stick once – OK/Confirm selected item
• Press and hold the centre of the control stick – Back to previous menu

Note: The shape of the TV control stick may vary by model.

Choosing Mode Input/Source

Use the source menu to switch between input/connections.

A) Using the buttons on the remote control:

1. Press [SOURCE] - The source menu will appear.
2. Press [<] or [>] to select the input you require.
3. Press [OK].

B) Using the TV control stick:

1. Press the centre of the control stick once to enter the TV menu.
2. Press the control stick left/right and navigate through to SOURCE menu.
3. Press the centre of the control stick to enter the SOURCE menu.
4. Press the control stick up/down to scroll through and select the input/source you require.
5. Press the centre of the control stick to select the chosen input/source option highlighted.

For further information on input/connections please view 'Connections' pages.

CONNECTIONS

Input/Outputs for **40"** model.
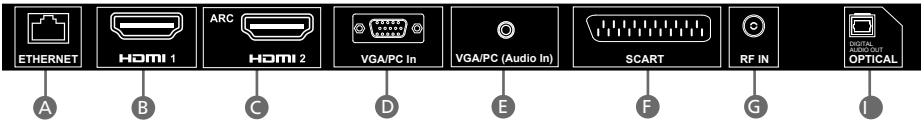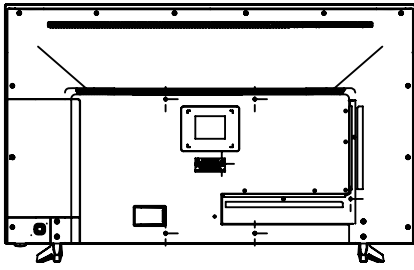
Ⓐ	Ethernet/LAN*	Network Connection
Ⓑ	HDMI 1	HDMI input
Ⓒ	HDMI 2 (ARC)	HDMI input
Ⓓ	VGA PC	VGA-PC input
Ⓔ	VGA PC Audio In	3.5mm PC audio input
Ⓕ	SCART	SCART input
Ⓖ	RF IN	RF / TV Aerial Input

Ⓘ	Optical Digital Audio	Digital Audio output
Ⓙ	HDMI 3 (MHL)**	HDMI input
Ⓚ	2 x USB	USB port
Ⓛ	Earphone	Earphone output
Ⓜ	AV IN	Audio/Video Input
Ⓝ	YPbPr	HD input (Ypbpr)
Ⓞ	CI CARD IN	Common Interface module

* The Ethernet/LAN port is used for Freeview HD services and smart functions.

** **HDMI 3 (MHL Port) -** MHL is a wired solution that allows you to access the media from your phone or tablet onto the big screen in the highest quality.
By connecting an MHL cable (sold separately) from your mobile device and into your TV you can playback all your videos, games and photographs directly onto your TV.
MHL simply mirrors the screen of your mobile device so will work with all applications, whilst connected it will also charge your device too.

CONNECTIONS

Note: Connecting cables are shown for example only and may not be included. Please check 'What Is Included In The Box' page.

Connecting to a device with Composite AV/Video output

TV Source should be set to Composite/AV
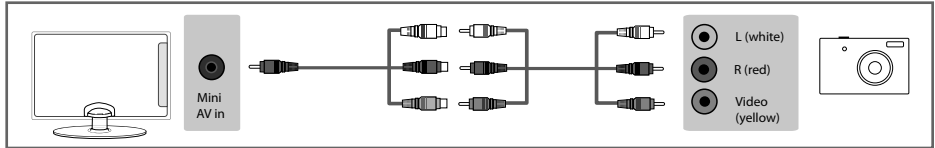
Connecting to a device via Mini-SCART output

TV source should be set to SCART. For the 32" models only.
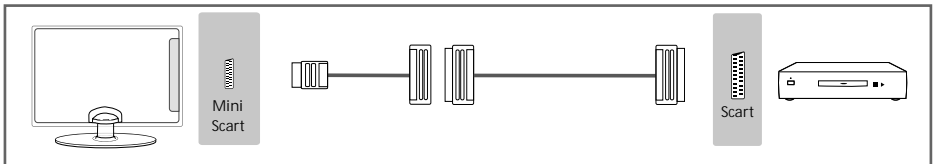
Connecting to a device with SCART output

TV source should be set to SCART. For the 40"models only.
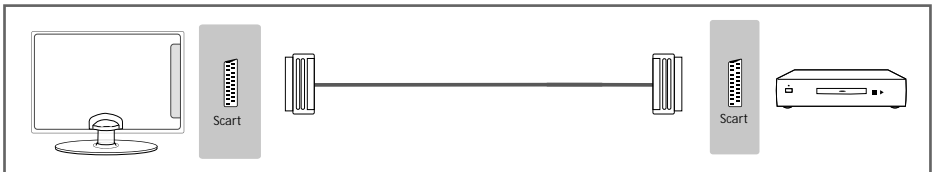
Connecting to a device with HDMI output

A HDMI cable can output both video and audio and enables you to enjoy digital-quality video and audio with minimal loss of quality.

TV Source should be set to the corresponding HDMI port (HDMI 1, HDMI 2 etc)
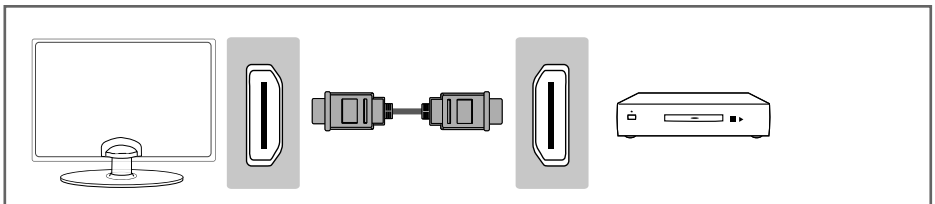
HDMI 3 (MHL Port) - MHL is a wired solution that allows you to access the media from your phone or tablet onto the big screen in the highest quality.
By connecting an MHL cable (sold separately) from your mobile device and into your TV you can playback all your videos, games and photographs directly onto your TV.
MHL simply mirrors the screen of your mobile device so will work with all applications, whilst connected it will also charge your device too.

CONNECTIONS

Connecting to a device with Component/YPbPr output

If you are supplied with a cable from the device which has RED, GREEN, BLUE, RED & WHITE connectors you must connect via Component (for picture) and by phono cable (for sound).

TV Source should be set to Component/YPbPr

Mini YPbPr

Mini AV in

Y (green)
PB (blue)
PR (red)
L (white)
R (red)

Video (yellow) is not connected
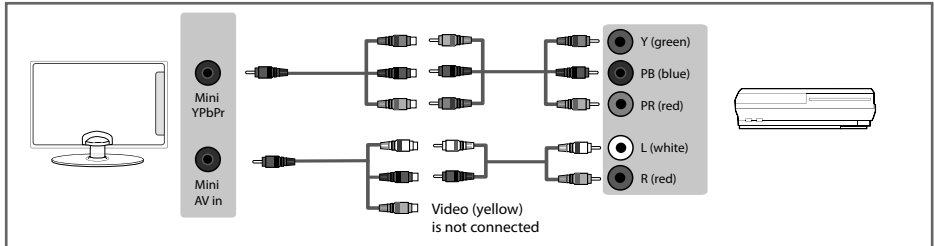
Connecting to an external audio device (Amplifiers, Surround Sound, Sound Bars etc)

When connecting via the TV's 3.5mm Earphone output, this will disable the TV speakers.

There are two options when connecting a device via the 3.5mm Earphone Output and the Digital Optical Audio Output

3.5mm earphone

OPTION 1 for 3.5mm EARPHONE Output

3.5mm audio in

Digital audio out (optical)

OPTION 2 for Digital Optical Audio Output

Digital audio in (optical)
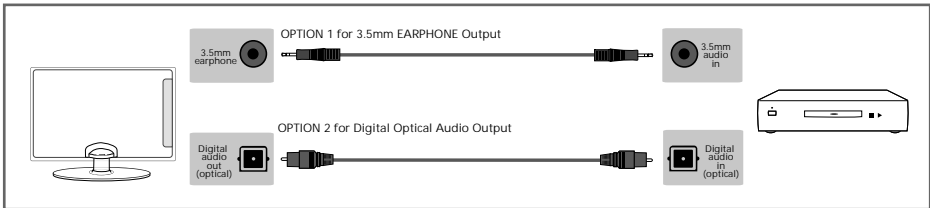
Connecting an Ethernet/Network cable

The Ethernet/LAN port is used for Freeview HD services and smart functions.

Ethernet port

Ethernet port
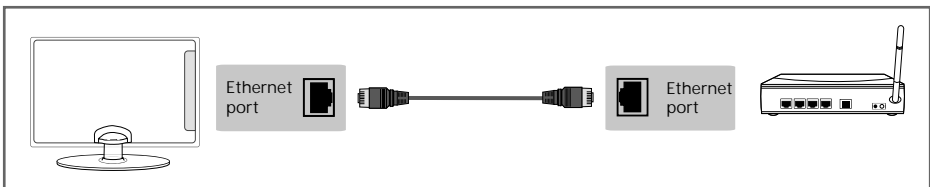
Connecting to a device with VGA/PC output (Laptop or Desktop Computer)*

TV Source should be set to VGA/PC
*VGA/PC Connection for the 40" models only

VGA/PC in

VGA/PC (audio in)

VGA/PC out

Audio out

17
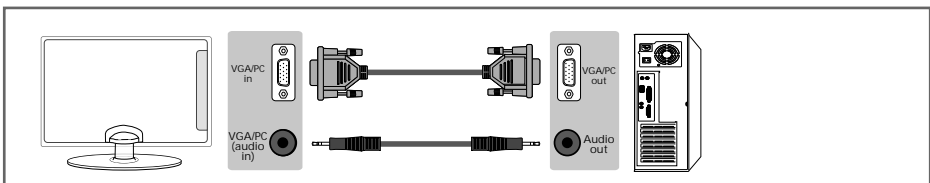
CONNECTING THE TV TO THE INTERNET

When you first power on your new SMART TV there will be an option to follow various on-screen set up instructions. These instructions will enable you to connect to the internet via your home network.
You can connect to your home network either wirelessly or with an Ethernet cable.

If you decide not to follow the initial set up instructions and need to connect at a later date please follow these simple steps below:

Connecting your TV with a wireless connection

1) Press Menu on the remote control (fig.1).
2) Scroll through the menu, select 'Settings' then enter the 'Network' menu.
3) in the 'Network' menu, example below, scroll down and select 'Wi-fi Config' (fig.2).
4) Within the 'Wi-Fi config' options, highlight and select 'Wi-Fi Auto Search'.
5) The TV will then automatically search for networks.
6) Select the preferred type of network connection then enter the network (a password* may be required).
7) The TV will then establish a connection.

*If a padlock is shown next to a WiFi service, this indicates that it is a secured network and will require a password to log in. When entering the WiFi password, we recommend using the "Password Visible" feature. When asked for a network password, using the remote control, scroll down and highlight "Password Visible" and press "OK", the password will then be displayed in full. Network passwords are case sensitive, please ensure the entered text matches the password exactly for a successful connection.

An icon will appear in the top right hand side of the 'Application' menu to confirm the TV is connected to the internet.

Connecting your TV with an Ethernet/LAN cable:

1) Plug in your Ethernet cable into the RJ45 (Ethernet) socket located at the rear of the television.

Ethernet port

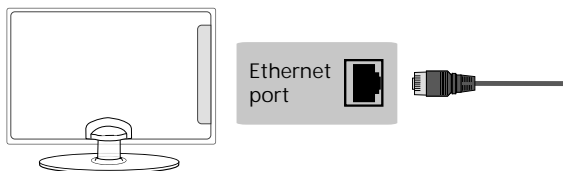2) Press Menu on the remote control. (fig.1)
3) Scroll through the menu, select 'Settings' then enter the 'Network' menu.
4) In 'Network Configurations', select 'Cable'.(fig.2).
5) Set will automatically configure itself.
6) Exit the menu by pressing 'EXIT' on the remote control.
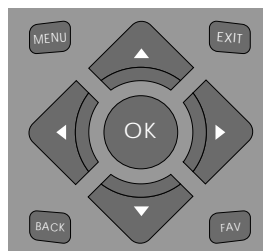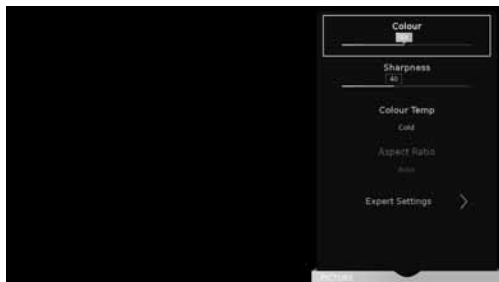
fig.1

fig.2

PICTURE MENU

To access this menu, press [MENU] button on the remote control and scroll right.
To select a sub menu press [OK].

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Picture Mode - Choose from the following presets:

Dynamic	Recommended settings for fast moving pictures
Standard	Standard settings
Movie	Set to be lighter in colour and less bright
Personal	Lets you manually alter all the settings
Economy	Power saving mode which reduces the energy used by up to 25% (by reducing the power to the LED/LCD panel). In Economy mode, the TV will switch itself to Standby mode after 3-5 hours in the event that the TV buttons or remote control buttons are not pressed (change the picture mode to another setting to de-activate this function)

You can make the following adjustments in Personal mode:

Contrast - Switch the balance between black and white.

Brightness - Increase or decrease the brightness of the picture.

Colour - Increases the colour from black and white.
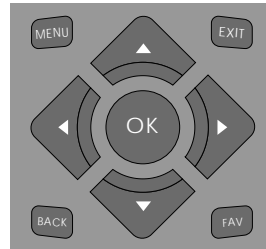
Tint - Lets you increase or decrease the level of tint within the picture
(only available for NTSC source signal).

Sharpness - Increase or decrease the sharpness of the picture.

Colour Temperature - Choose from the following presets:

Normal	Default settings
Warm	Increases red within the picture
Cold	Increases blue within the picture

PICTURE MENU
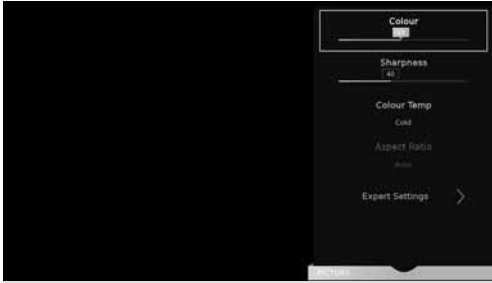
Aspect Ratio - Within the UK the picture format varies depending on the channel/broadcast. There are a number of different options to best meet your needs. Choose from the following settings:

Auto
Automatically displays the best picture format so the picture is in the correct position, black lines maybe viewable at the top/bottom and/or sides.

4:3
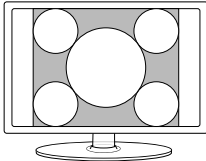
Displays the 4:3 picture in its original size. Side bars are shown to fill the 16:9 screen

Full Screen
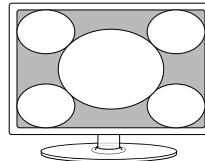
Displays a picture in the full screen size without overscan. 16:9 signal will be displayed in original proportion. Other picture format will be stretched to fill the screen

16:9
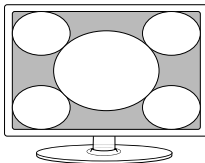
Fills the screen with a regular 16:9 signal and 4:3 picture format will be stretched to fill the screen

Zoom1 and Zoom 2
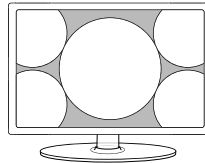
The picture is the correct proportion but zoomed in to fill the screen

PC Menu - Allows you to adjust the picture settings of the TV when being used with a PC/Laptop. Only available when the TV is in VGA/PC source mode. (For use with the 40" models only).

Noise Reduction - Allows you to switch noise reduction ON or OFF. Choose one of the following presets: low, middle, high and Off.

Active Contrast - Automatically optimises the 'backlight' and 'contrast' of the picture according to the brightness of the screen. Choose one of the following presets: low, middle, high and Off.

SOUND MENU
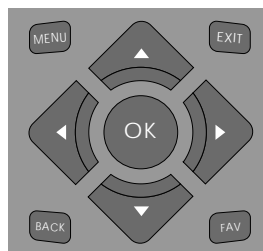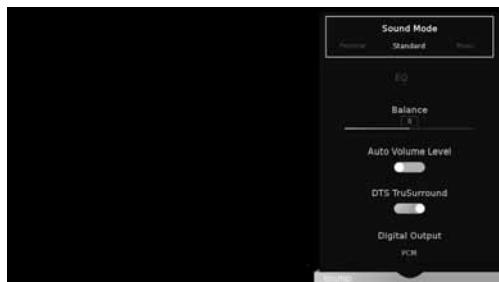
To access this menu, press [MENU] button on the remote control and scroll right.
To select a sub menu press [OK].

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Sound Mode - Choose from the following presets

Standard	Default settings
Music	Emphasises music over voices
Movie	Provides live and full sound for movies
Sports	Emphasises sound for sports
Personal	Selects your personal sound settings. Any adjustments made automatically sets the sound mode to Personal.

EQ - Adjust the audio level of separate frequencies via the band equaliser.

Balance - To switch the sound between the left and right speakers.

Auto Volume Level (AVL) - When 'on' is selected, the volume will attempt to stay at a constant level regardless of TV programme and advertisements.

DTS TruSurround - Choose from the following options:

Off	Off
TruSurround	TruSurround™ creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog

SOUND MENU
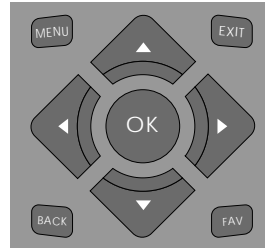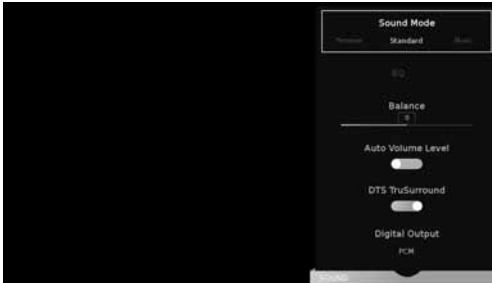
To access this menu, press [MENU] button on the remote control and scroll right.
To select a sub menu press [OK].

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Digital Output - This is the digital optical audio output. Choose from the following options:

Off	To turn off Digital Output
Auto	Selects the best settings automatically
PCM	Select this option if you are connecting to a Stereo Hi-fi via optical cable (Pulse-code modulation (PCM) is a digital representation of an analogue signal)

Audio Description - This allows the user to switch Audio Description ON or OFF. (Audio Description is a service available on certain programmes. It provides a description of what is happening during the selected programme for a person who is visually impaired).

AD Volume - This allows the user to increase and decrease the AD (Audio Description) volume level.

Audio Track - This allows the user to change the audio language.

Audio Delay - Enables the user to adjust setting to sync picture and audio.

SPDIF Delay - Enables the user to adjust sound setting to sync picture and audio for external speakers connected via digital audio output.

Tip: Equaliser settings can only be adjusted when the sound mode 'Personal' is selected.

CHANNEL MENU
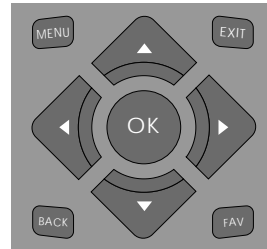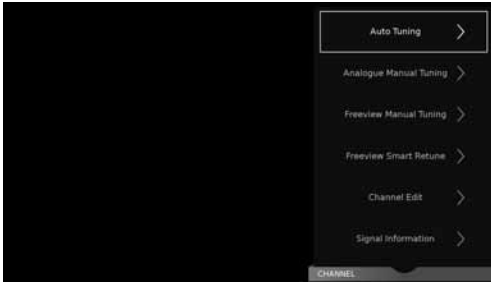
Auto Tuning - Allows you to retune the television for all digital channels, digital radio stations and analogue devices.

Analogue Manual Tuning - Allows you to manually tune your analogue signal.

Freeview/Saorview Manual Tuning* - Allows you to manually tune your digital signal.

Freeview SMART Retune - This feature allows you to scan for Freeview channels. When new channels are found they are automatically added to your channel list without removing any channels or affecting your favourites list.

Channel Edit - Allows you to delete, move, skip and select favourite channels.

Important: To receive Freeview/Saorview channels, in particular HD channels, you will need a Digital TV aerial and be in a good Freeview/Saorview coverage area. You can check the coverage for your area at **www.freeview.co.uk** or **www.saorview.ie**

Please note that any Freeview HD channels found during tuning will be placed in channel positions above 100.
For example, 101 (BBC1 HD) 102 (BBC2 HD) etc.

*Freeview channels are only available in the UK, Saorview channels are only available in the ROI.

Signal Information - Allows you to view signal frequency, signal quality and signal strength.

CI Information - Pay per view services require a "smartcard" to be inserted into the TV. If you subscribe to a pay per view service the provider will issue you with a 'CAM' and a "smartcard". The CAM can then be inserted into the COMMON INTERFACE PORT (CI Card In).

Schedule List - Lists your programme reminders.

Recorded List - Shows a list of recorded TV programmes via a connected USB memory stick or USB hard drive.

Software Update (OAD) - Switch on/off OAD (over air download) software updates.

OAD Scan - Scan for (over air download) software updates.

Tip: If you do not press any buttons for 30 seconds, the menu will automatically exit. You can change the length of time before the menu exits automatically - see 'OSD Timer' in the Time Menu

NETWORK MENU
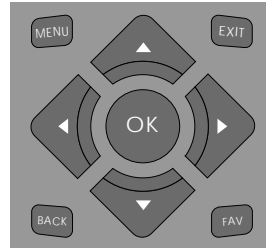
This menu is part of the 'Settings' menu, To access the 'Settings' menu, press the [MENU] button on the remote control, scroll right and select 'Settings' by pressing [OK].

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

The Network connection enables you to update the TV software and a number of Smart TV functions.

For the network configuration to work the TV will need to be connected to your home network via an ethernet cable, with these requirements in place the TV will connect to the network automatically.

Network Configuration - Allows you to select either Cable or Wifi connection.

WIFI / IP Config - Allows you to access LAN network connection settings. Choose from the following options:

Auto	Will automatically connect the TV to your home network(this is the default setting and is highly recommended)
Manual	Allows you to manually change the IP, Netmask, Gateway and DNS information.

WIFI Config - If WIFI is selected during first time installation process.

Wi-Fi Configuratrion	Wireless network connection settings
Wi-Fi Auto Search	Automatically searches for available wireless networks. Select the desired Wi–Fi network and then enter the network password (if network is password protected). Once the password is accepted, you will not be asked for it again.

Network Info - Allows you to view Information about network settings.

Network Test - Allows you to test the network connection.

Wifi Status - Allows you to view information regarding the Wifi/Network connection.

TIME MENU
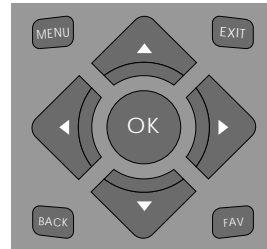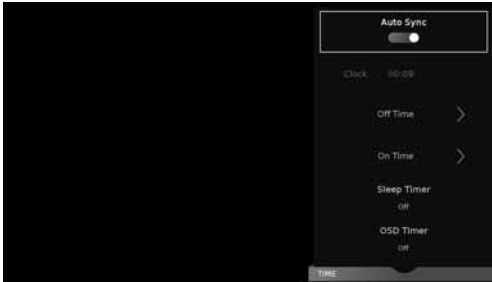
This menu is part of the 'Settings' menu, To access the 'Settings' menu, press the [MENU] button on the remote control, scroll right and select 'Settings' by pressing [OK].

If you wish to make changes to any of the default settings, use the scroll ▲▼▶◀ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

Auto Sync - Automatically sets the time and date on the TV set. Requires the TV to be tuned in with a digital signal and/or an internet connection. Turn "Auto Sync" off to manually adjust the time and date settings. If "Auto Sync" is set to off with the time and date manually adjusted, this information will be reset when the power to the TV is disconnected.

Clock - Shows the date and time. Can be adjusted when "Auto Sync" is set to off.

Off Time - Allows you to set a specific time for your TV to turn off.

On Time - Allows you to set a specific time for your TV to turn on, the channel it will then display, the source it will be on and also the volume. This function can then be toggled to repeat every day or a certain day.

Sleep Timer - Lets you set the sleep timer so the television automatically switches off after a set amount of time. Off -> 10min -> 20min -> 30min -> 60min -> 90min -> 120min -> 180min -> 240min.

OSD Timer - Lets you adjust the amount of time the On Screen Menu stays on the screen before disappearing. Off -> 5secs -> 15secs -> 30secs -> 60secs.

Auto standby - Set 'Auto Standby' to OFF, 3 hours, 4 hours or 5 hours.

Time Zone - Change your current time zone.

LOCK MENU
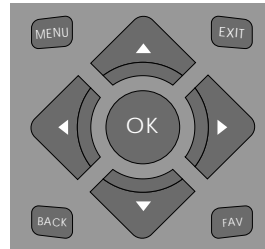
This menu is part of the 'Settings' menu, To access the 'Settings' menu, press the [MENU] button on the remote control, scroll right and select 'Settings' by pressing [OK].

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button. To exit this menu at anytime, press [EXIT] button.

System Lock - Allows you to lock or unlock the menu. You will be asked to enter a 4 digit password

Use the ◄ button to quit the password input or use the ► button to clear. Default password is 0000.

Set Password - Allows you to set the password.

Channel Lock - Allows you to lock certain channels manually.

Parental Guidance - Allows you to set the rating to block certain content based on age information.

Key Lock - Allows you to lock the TV control stick on the back side of the TV set.

Source Lock - Allows you to lock the source menu.

Hotel Mode - Additional settings.

SETUP MENU
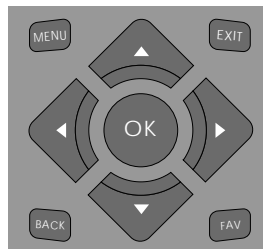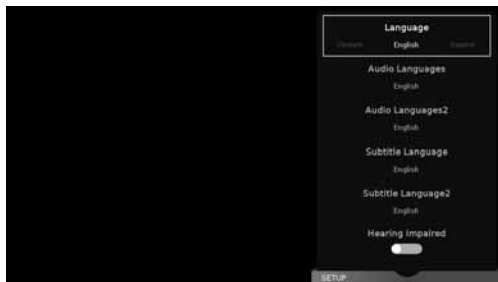
Language - Allows you to change the language of the menu.

Audio Language - Select your preferred primary audio language.

Audio Language 2 - Select your preferred secondary audio language.

Subtitle Language - Select your preferred primary subtitle language.

Subtitle Language 2 - Select your preferred secondary subtitle language.

Hearing Impaired - This allows the user to turn on the Hearing Impaired function, this produces subtitles on the screen which provide a description of what is happening during the selected program.

Blue Screen - Changes the background when there is no input between clear and a blue background (only available on some sources).

PVR File System - Allows you to view the format and performance of a USB key.

First Time Installation - Allows you to access the First Time Installation menu and retune the TV set.

Software Update (USB) - Allows you to update your TV with the newest software using a USB memory stick. Software and instructions are available on our website.

Software Update (NET) - Allows you to update your TV with the newest software via your internet connection.

Reset TV - This resets the menus to factory settings and clears all the TV channels from the television.

HDMI CEC (Consumer Electronic Control) - Allows HDMI devices to control each other and allows the user to operate multiple devices with one remote control (only available with compatible devices).

LED Status - LED Status - Allows the user to switch the LED power indicator light ON or OFF when the TV is being operated.(When this option is set to OFF the LED power indicator light will flash when the remote control is used and will flash red during the normal start up process).

Standby Scan - When the TV is put into standby mode a standby scan will be performed, during this process the TV will scan for new channel information and automatically update the channel list if any changes are found, both the visual and audio functions will be off, once the scan is complete the TV will stay in standby mode.

Version Info - Allows you to view the version/information of the software installed on the TV set.

Note: For further support with software updates, contact our technical support team or refer to the 'product support' section of the website. If the TV is using the newest software available it will not attempt to update the software.

MORE APPS MENU
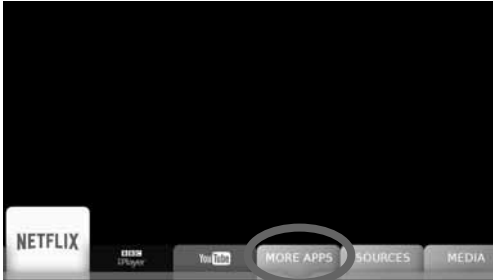
To access this menu, press [MENU] button on the remote control and scroll right.
To select a sub menu press [OK].

If you wish to make changes to any of the default settings, use the scroll ▲▼►◄ buttons.
To confirm any settings press [OK] button.
To exit this menu at anytime, press the 'MENU', 'EXIT' or 'BACK' button on the remote control.

As well as the Netflix, BBC iPlayer and YouTube apps included in the main menu, the More Apps menu, located at the bottom of the screen, allows you to access more the TV set's "SMART" features such as Web Browser, BBC News, BBC Sport etc.

Aquos Net+

Aquos Net+ is a portal to a variety of apps and multimedia which the TV acesses via the internet.
To enter Aquos Net+ you will be prompted to enter a language and acccept terms and conditons. once the relevant information has been entered you will be able to use a range of features such as MUZU.TV, Viewster and Dailymotion.
Content is updated and managed from a central source, so look out for new features and updates.
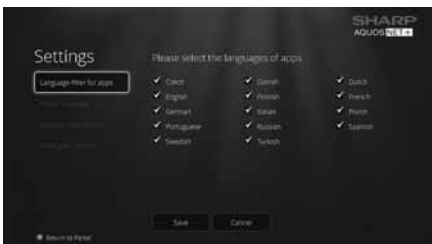
Note: If you wish to reset the settings for AQUOS NET+ Smart Portal back to the default settings, you will need to access the AQUOS NET+ Smart Portal and enter the settings menu. In the settings menu scroll down and select 'reset your device', you will then be asked 'Yes' or 'No' to confirm your decision, highlight 'Yes' and press 'OK' on the remote control to complete the reset process.

MORE APPS MENU

Applications

BBC News - Access the BBC News app for up-to-the-minute and breaking news reports.
BBC Sport - The BBC Sport app offers the latest sports news, live action, scores and highlights.
Weather - keep track of the weather by using the weather forecasting app, AccuWeather.
Web Browser - Application for accessing websites via the internet. Use the following buttons for navigation in the browser:

CH+	Scroll page up,
CH-	Scroll page down,
Red Button	Show/hide browser menu bar
Yellow Button	Zoom in
Blue Button	Zoom out

Note: The Netflix and YouTube apps are included within the main menu for quicker access, they are not included in the "More Apps"menu.

MEDIA MENU

Miracast (Screen mirroring)
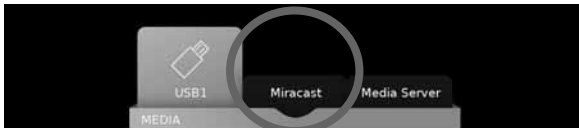
The Miracast (screen mirroring) feature allows you to connect to a compatible external device such as a tablet and/or smart phone. Once connected, your device will mirror all its content on to the TV, this allows you to view photos, emails and This allows almost unlimited applications including many video on demand and subscription based services, for example Blinkbox, Netflix and Amazon, to be played on your smartphone or tablet and at the same time wirelessly 'streamed' and viewed on the TV.

Many Android and Windows devices include 'Screen Mirroring' as standard. Apple devices do not currently allow it, however, it is possible to 'mirror' from your Apple smart phone or IPad etc. when used with an Apple TV box (available separately).

Note: If your smartphone or tablet does not include 'Mirroring', it may be possible to connect a suitable cable from your device directly to one of the HDMI inputs on the rear of the TV (for example, if your device supports video output and has a Micro USB socket, you can purchase a Micro USB to HDMI cable from your retailer).

MEDIA MENU

USB mode and media server

The USB media and the media server offer the playback of various different types of content that is either saved on your USB memory stick or external media server. (USB mode allows you to view/playback files from an external USB device and Media Server connects to your home network and can view/playback files from your laptop, PC, tablets and smart phones).

When accessing the USB media or media server features the below menu screen will appear. The content will be divided into Photo, Music, Movie and All.
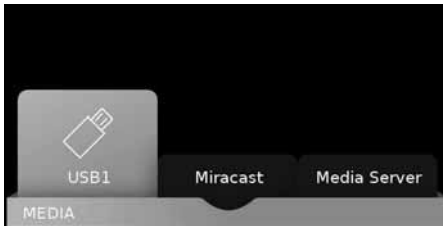
1) You can navigate through the menus using the scroll ▲▼ ► ◄ buttons on the remote control, to confirm the item you wish to play/view press the [OK] button (the USB1 and USB2 options will only show when a USB stick is connected).
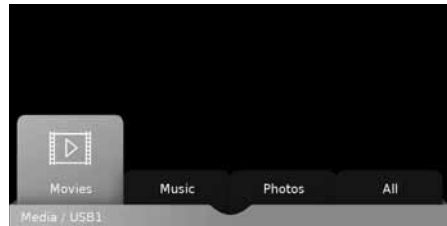
2) USB mode - Select the USB drive (If your drive only has 1 partition you will only see 1 item) Media server - Select the external device that you would like to access.

3) You can now access the item. Press OK to view.
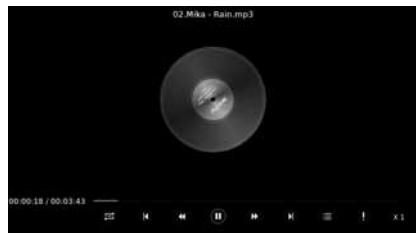
4) Whilst viewing your media, you can control the item by using the remote control buttons (below) or by pressing (Info) to access the on-screen playback menu, you can now make your selection by using the ▲▼ ► ◄ and (OK) buttons on the remote control.

Fig.A

Tip: If you experience a playback issue, please ensure the files being used are the correct format (example - the picture plays but no sound) See technical specification page for compatible file types

Note: USB extension cables are not recommended as they can cause a reduction in picture/audio quality and stoppages during play back of USB content.

7 DAY TV GUIDE

TV Guide is available in Saorview/Freeview TV mode. It provides information about forthcoming programmes (where supported by the Saorview/Freeview channel). You can view the start and end time of all programmes and on all channels for the next 7 days and set reminders.

1) Press [TV GUIDE] on the remote control, the following 7 Day TV Guide will appear.

2) Navigate through the menu using ▲▼►◄.

You can now:

Record a programme by pressing RED (USB device must be connected)
Set a reminder by pressing GREEN
View a previous day by pressing YELLOW
View the next day by pressing BLUE
View further information about the programme by pressing INFO

3) Press [EXIT] to exit the 7 day TV Guide

Channel List

To view the channel list, please ensure that the TV is set to either the analogue or digital source and no menus or TV notifications are displayed.

1) Press [OK] on the remote control and the channel list menu will appear.

2) Press LEFT / RIGHT arrow to filter desired channel types (Digital TV, HD channels, Radio, Data, All).

3) Scroll through the channel list by using ▲▼ buttons then press [OK] to view the channel that is currently highlighted.

4) Press [EXIT] to exit the channel list.

USB RECORD - FREEVIEW/SAORVIEW MODE

USB RECORD – FREEVIEW/SAORVIEW MODE
Built into this television is a USB record facility. This function is available in Freeview/Soarview mode
when used in conjunction with a compatible USB memory stick or USB hard drive. The benefits of this are as
follows:

• Pause live TV and then playback, fast forward and rewind (up to live TV)
• One button record, if you decide you want to record the current programme
• Easy programmable recording from the 7 day TV Guide

Due to the nature of the product, it is necessary to use a high speed USB memory stick (as the TV reads
from and writes to the memory stick at the same time, some memory sticks may not be suitable).

You can purchase high speed memory sticks from some computer stores, alternatively, we have a selection
of tested and compatible memory sticks available to purchase directly from the helpline/web site.

Recommended Minimum Specification - **USB Memory Stick**

Read Speed	20 Mb/s (MegaBit Per Second)
Write Speed	6 Mb/s (MegaBit Per Second)

**If you wish to use a USB portable hard drive
larger than 32GB, please refer to the FAQ
section at the rear of this user guide.**

Pause Live TV (Time Shift)

Pausing Live TV is very simple.

- Press the play/pause button and the television will pause and the live
content will be recorded. To resume watching press play/pause again.

- Press fast forward to go forward in a recording (i.e. to skip adverts).

- Press fast rewind to go back in a recording (i.e. if you fast forwarded
too far).

Tip: When you switch the TV to standby or change channel the Time Shift memory is wiped. To restart
time shift you must press play/pause button.

One Button Record

At any point in time you may decide to record the current programme that you are watching. To do this
you need to press the red button highlighted below.

Playback files from Record list

To playback recorded files you will be required to have the TV set to the Freeview/Saorview source mode.
Once set to the correct source, access the recorded list by pressing the REC LIST (Recorded List) button on
the remote control, the recorded list should now appear on the screen, press OK on the chosen file to start.

Tip: This television contains one TV tuner, therefore it can only record the channel you are watching or
record one channel while the television is in standby mode.

Note: USB record function is only available in Digital/Freeview TV mode. Due to copyright laws and
illegal copying/recording it is not possible to record to/from any other input/output source.

FREQUENTLY ASKED QUESTIONS

General	I would like to have louder sound by connecting additional speakers. For TV models with digital optical audio output.	Option 1) Use the 3.5mm headphone output and a 3.5mm to phono cable (available separately) to connect to an amplifier/surround sound system. Please note this will deactivate the TV's built in speakers. Option 2) Connect a digital optical audio cable from the TV's digital optical audio output to your amplifier/surround systems digital optical audio input.
General	Why are some options in the menu unavailable and greyed out.	Some options are only available in certain sources, i.e. HDMI. They are unavailable in the other sources where they have no affect.
General	Can I stop my TV automatically turning off after 4hrs?	Yes, in the 'Time' menu settings, scroll down to Auto standby and select OFF.
TV	I have tuned in Digital TV but I am not receiving any or all of the channels and/or the channels I receive are breaking up.	1) Check you are in an area that can receive Freeview/Saorview, visit www.freeview.co.uk or www.saorview.ie 2) Check you are using an aerial that is able to receive a good digital signal. In most cases, you will need an outdoor digital hi-gain/wideband aerial. In areas that have excellent digital coverage, you may be able to use a loft type aerial but it is highly likely that you will also need to connect a booster between the back of the TV and the TV aerial wall socket. Unfortunately, to receive a good enough digital signal, it is not possible to use a portable/indoor type aerial.
TV	I have re-tuned my television but when I switch it off it is not storing the channels.	If the TV does not save the channels when you power it off, it's likely the channel database has become corrupt. **1)** Turn off the TV. **2)** Remove the RF/Aerial cable from the rear of the TV and then turn the TV back on again. **3)** Using the remote control, press Menu followed by 8-8-8-8 to enter the initial setup/first time installation menu. **4)** Press OK (let the TV run the full tuning process). **5)** Once completed, turn off the TV, reconnect the RF/Aerial cable then turn the TV back on again. **6)** Repeat steps 3 & 4.
VCR/DVD Recorder	I have connected the TV to my VCR or DVD Recorder via SCART but it is not recording.	In addition to connecting via SCART, you should connect the aerial cable from the wall socket to your VCR/DVD Recorder and another aerial cable from the VCR/DVD Recorder to the TV.
Game Consoles	I have connected my Playstation/Xbox to the TV via HDMI, but I am not receiving any pictures or sound on my TV	1) Ensure the TVs' source is set to HDMI. 2) Check your settings on your Playstation/Xbox are as per the Playstation/Xbox instruction manual.
Game Consoles	I have connected my Playstation/Xbox to the TV via Component cables (red, green & blue) but I am not receiving any sound.	Component cables only provide HD pictures. For the sound you will need to connect the red & white audio cables on the Playstation/Xbox to the red & white phono inputs (or mini AV input where fitted) on the rear of the TV. Please refer to the 'Connections' pages.
System Lock	I have changed the password on the television and now forgotten it.	There is a master password of 4711, to gain access to the TV menu and reset the normal password.
USB Mode	I have inserted a USB Memory Key, but the TV does not recognise it.	Ensure the USB Memory Key is formatted to type FAT32.
USB Mode	Using a USB portable hard drive / larger than 32GB.	If you wish to use a portable hard drive larger than 32GB, please note that it must be formatted to the FAT32 file system in order to operate on this TV. Windows XP/Vista computers are only capable of formatting up to 32GB, therefore, you will need a software programme/utility to format larger hard drives. Please refer to the website, www.umc-uk.co.uk, for more information.
USB Record	I cannot change the channel, access the menu or use the red button.	During time shift you cannot change the channel, access the menu or use the red button.
USB Record	When using the USB to record the picture 'breaks up' or experience loss of sound.	Check the USB memory stick meets the minimum read speed requirements. Standard definition channels require a read speed of 20 MB/s (Mega Byte per second) and a write Speed of 6 MB/s (Mega Byte per second) HD channels require the read speed of 80 MB/s (Mega Byte per second) and a write speed of 40 MB/s (Mega Byte per second). USB 3.0 sticks should normally be used where possible.

FREQUENTLY ASKED QUESTIONS

Freeview HD	I cannot access all Freeview channels.	Some data channels for Freeview can only be obtained when the TV's ethernet port is connected to your router.
Freeview HD	I cannot find the Freeview HD channels.	Freeview HD channels found during tuning will be placed in channel positions above 100. For example, 101 (BBC1 HD), 102 (BBC2 HD) etc.
Smart	I cannot access Smart apps on my Sharp Smart TV.	Check your TV is connected to the internet and there is suitable signal strength. You can carry out a Network Test as follows: **1)** Press Menu on the remote control. **2)** Select 'Network' Menu then 'Network Test'. **3)** This will show the status of the internet connection. If you have no internet connection you must re-connect your TV as follows: **1)** Press Menu on the remote control. **2)** Select 'Network' Menu then 'Wi-fi config'. **3)** Then 'Wifi Auto Search'. **4)** The TV will then automatically search for Networks. **5)** Select the desired network then enter the Network password. **6)** The TV will then connect. Note: An icon will appear in the top right hand side of the Application page to show you if the TV is connected to the internet.
Smart	I cannot access content through the Media Server settings	Check your TV is connected to your local network and there is suitable signal strength. Check the server devices you are trying to connect with are also on the Network and are set to share content.
Smart	I cannot access content through the Wireless Connection settings	Ensure the device you are trying to mirror onto the TV is correctly paired with the TV. Check the settings on the device, move your device closer to the TV set, check the user guide of the device to ensure it is compatible with this function.
Smart	While using Media Server, access is not possible or connection is slow	If the folder you are attempting to view contains a large amount of files, it may take a little while to load, this is normal, content may be blocked on the host PC. Reconfigure the host PC to allow external access. Note: Host may not be connected to your network.
Smart	The YouTube app does not work and/or is erratic	The Youtube app requires the TV to be set with the correct date and time, please see the 'Time Menu' page for further instructions. Ensure your network is not blocking access to YouTube and the speed of your internet connection is fast enough for viewing YouTube content.

This is Why

SHARP