



# Technical Specification

	24EA3K 24EA4K	24EA3KD 24EA4KD
Energy Efficiency Class (SDR)	E	
Power consumption (SDR)	17 W	
Screen resolution (pixels)	1366 x 768	
Screen Size (diagonal)	60 cm / 24 inches	
RF	75 ohm Antenna / Analog / DVB / Satellite	
Inputs	2x HDMI • 1x USB • 1 x SCART 1x Mini Composite/Video & L/R Audio shared for Composite/Video & Component/YPbPr • 1x Mini Component/YPbPr	
Sound Outputs	1 x Digital Optical Audio output • 1 x 3.5mm Headphone	
Speaker*/ Amplifier Watts (RMS)	2 x 5 / 2 x 3	
Voltage and power consumption	AC 220V ~ 240V; 50Hz 17/40W (home mode/max) (<0.5W in Standby)	AC 220V ~ 240V; 50Hz 17/50W (home mode/max) (<0.5W in Standby)
Dimensions including stand (mm)	560W x 385H x 140D	
Net weight (Kgs)	3.8	4.2
Wall Mounting	VESA 100 x 100 (mm)	

## HDMI

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

## Dolby Audio

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# SHARP

## Quick Start Set Up Guide

For information on using the TV's features, please refer to the operating Instructions.

### Model Numbers

**24EA3K**  
**24EA3KD**  
**24EA4K**  
**24EA4KD**

Register your manufacturers guarantee online within 14 days of purchase at [www.registertoday.co.uk/sharp](http://www.registertoday.co.uk/sharp) and enter into a prize draw to



### Quick & easy guide for setting up your TV

What is included in the box

Using the remote control

Setting up the TV for the first time - including attaching the stand

Connecting other devices to the Television

### Need help setting up or using your TV?

Please contact the UK & ROI Helpline\*

Telephone UK 0330 024 0803 or ROI 01443 3323

Online support at: [www.umc-uk.co.uk](http://www.umc-uk.co.uk)

Email support at: [service@umc-uk.co.uk](mailto:service@umc-uk.co.uk)

\*Calls to 0330 numbers are charged at standard call rates and are included as part of any bundled minutes with your phone provider. Hours are correct at time of this document being published. Please note these hours are subject to change periodically. Calls to the ROI number are charged at the local call rate.

The telephone opening hours are:

Monday to Friday: 8.30am – 6pm

Saturday: 9am – 5pm

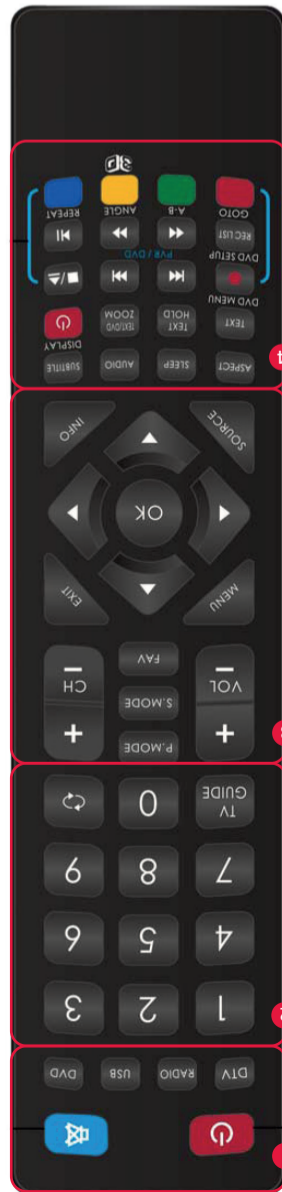
Bank Holidays: 10am – 4pm

Closed Christmas and New Years day.



If you wish to use your Sky remote to operate the TV's basic functions, you will need a Sky remote control (Revision 9 or later) and you will need to program it with the code 2134. If you wish to use your Sky Q remote to operate the TV's basic functions, you will need to program it with the code 4170.

## Sky Remote Code



- 1** STANDBY - Switch on TV when in standby or vice versa
- 2** MUTE - Switch to radio while in Freewiew source
- 3** RADIO - Switch to radio while in Freewiew source
- 4** USB - Switch to USB source
- 5** DVD - Switch to DVD source
- 6** NUMBER BUTTONS - 0-9 to select a TV channel directly.
- 7** TV GUIDE - Opens the 7 day TV Guide (Freewiew mode)
- 8** - To return to the previous channel viewed
- 9** VOL (+/-) - To increase / decrease the sound level
- 10** R.MODE - Scrolls through picture mode options
- 11** S.MODE - Scrolls through sound mode options
- 12** FAV (+/-) - To increase or decrease the channel being watched
- 13** MENU - To display OSD menu
- 14** EXIT - To exit all menus
- 15** (A/V/+/OK) - Allows you to navigate the on-screen menus and adjust the system setting to your preference
- 16** SOURCE - To display the input/source menu
- 17** INFO: Press once for now/next channel information.
- 18** ASPECT - Press repeatedly to cycle through the sleep options
- 19** SLEEP - Press repeatedly to cycle through the sleep options
- 20** SUBTITLE - To switch the dialogue at the bottom of the screen (on/off)
- 21** TEXT - To enter/exit Text
- 22** TEXT HOLD - Hold current page which is displayed (analogue TV)
- 23** DISPLAY - To switch off the screen when listening to radio
- 24** DVD MENU/RECORD - Access the DVD root menu and USB record function
- 25** DVD SETUP/REC LIST - Opens the DVD Menu or opens the list of what has been previously recorded
- 26** GOTO - To go to a specific chapter
- 27** A-B - Press once to set a start point, press a second time to set a loop ANGLE - Select different angles/content on the DVD (if available)
- 28** REPEAT - To repeat playback
- 29** - For models with integrated DVD players
- 30** - For models with PVR Function
- 31** - For models with USB Playback

Please save your box/packaging as you will need this in the event of warranty/service repair or support. We are unable to carry out warranty/service if you are unable to package it correctly. The safest way to package your item in the event of warranty/service repair is in its original box/packaging.

Connecting Component/YPbPr - you will need both the Mini YPbPr Cable and the Mini Composite/AV Cable. The YPbPr cable will be used exclusively for video (red/green/blue) and the AV cable will be used for audio (Red/White while Yellow stays unconnected).

Additional Accessories

Should you wish to connect older/analogue devices to your television, you can purchase the necessary cables either from your retailer or at [www.umc-uk.co.uk/cables](http://www.umc-uk.co.uk/cables)

- Mini YPbPr Cable - Required if you wish to connect a device with YPbPr/Component output to the TV's Mini YPbPr Input
- Mini Composite/AV Cable - Required if you wish to connect a device with AV/Composite/CVBS output to the TV's Mini AV Input
- RF Cable

Accessories

Included with this TV are the following accessories

- 1 x Quick Start Guide
- 1 x Remote Control and 2 x AAA Batteries
- 1 x Safety Leaflet
- 1 x Stand Installation pack
- 1 x Stand neck
- 3 x M (4x12) For attaching the stand neck to the TV.
- 4 x ST (4x12) For attaching the stand base to the stand neck.
- 1 x Stand base plate

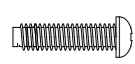
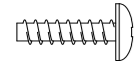
## What is included in the box

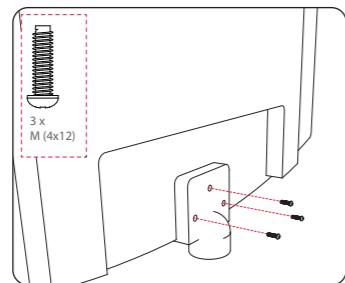
## REMOTE CONTROL

# Setting up the TV set for the first time

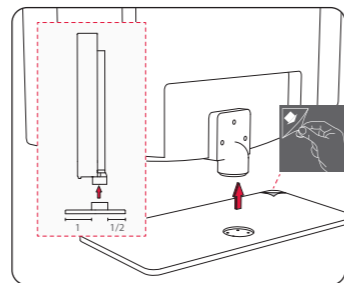
## 1 Fitting the stand

For stand installation, there are two types of screws provided as shown below. To complete the stand installation you will require a cross head screw driver. Place the TV set on a flat and clean surface with the panel facing downwards to avoid damage.

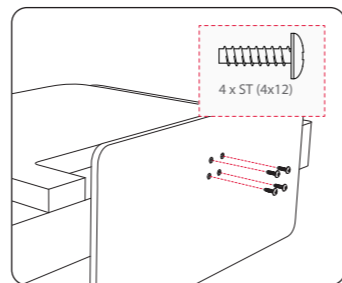
-  **3 x M (4x12)**  
Used for attaching the stand neck to the TV (fig.1)
-  **4 x ST (4x12)**  
Used for attaching the stand base to the stand neck (fig.3)



**1** Attach the stand neck to the rear of the TV set using the 3 x M(4x12) screw.



**2** Peel off the protective plastic cover then attach the stand base to the stand neck.



**3** Secure the base to the neck by using the 4 x ST(4x12) screws provided.

### HELPFUL ADVICE FOR FIRST TIME STAND INSTALLATION

- ! When securing the self-tapping screw/s into the base of the stand (on first installation) the screw/s will be naturally tight as they create a thread in the plastic of the stand neck in order to support a TV of this size.
- ! Ensure the cross head screw driver tip fits correctly into the head of the screw and that it is not too big or small.
- ! Screw in all screws individually and partially before tightening all of the screws fully.
- ! If they become very tight try loosening them slightly and then re-tightening them once again as this will continue the process of creating the thread for the screws.

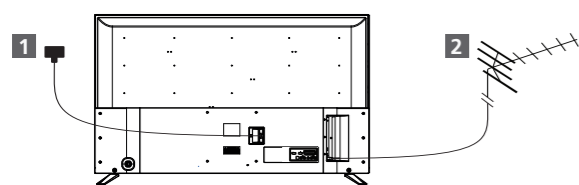
## Win a SHARP Soundbar

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Terms and conditions apply. Online registration only.

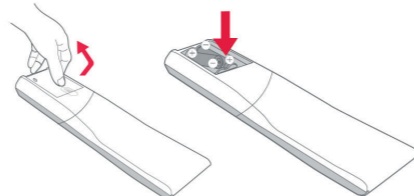


## 2 Connecting your set












- 1** Connect the TV to your power socket.
- 2** If you wish to use the TV to receive Freeview/Saorview channels, connect the RF input from the TV to your outdoor Digital TV aerial. If you do not wish to receive Freeview/Saorview, skip this step.

## 3 Installing Batteries



Insert the batteries supplied into the remote control and press the standby button to power on the TV.

## Button layout

- |   |   |
|---|---|
| <b>1</b> Stop/Eject DVD*                      |  |
| <b>2</b> Play/Pause DVD*                      |  |
| <b>3</b> Volume up and menu right             |  |
| <b>4</b> Volume down and menu left            |  |
| <b>5</b> Programme/Channel up and menu up     |  |
| <b>6</b> Programme/Channel down and menu down |  |
| <b>7</b> Displays Menu/OSD                    |  |
| <b>8</b> Displays the input source menu       |  |
| <b>9</b> Standby Power On/Off                 |  |

\*For models with built in DVD player

## Wall Mounting the TV

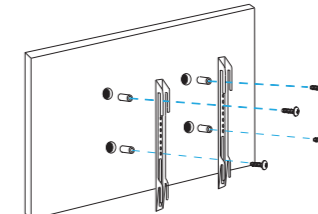


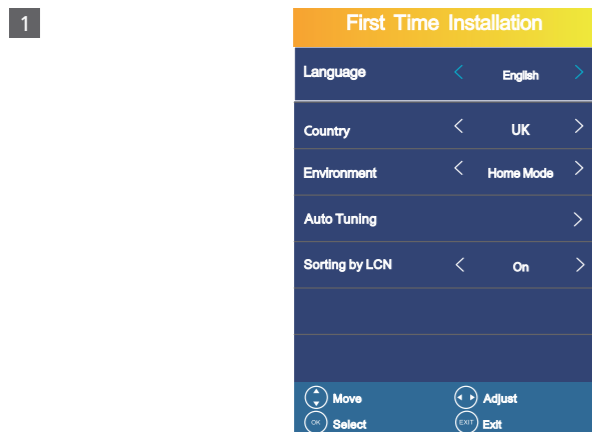
Image for illustration only. For the dimensions of the VESA mounting, please refer to the Technical Specifications section of this document.

- 1** Remove the four screws that are supplied in the wall mounting holes.
- 2** The wall mount can now be easily attached to the mounting holes on the rear of the TV.
- 3** Install the wall mounting bracket to the television as advised by the bracket manufacturer.

The picture shows the use of spacers, which are not applicable to all sets/installations.

## 4 First time installation

When you first turn on the set, you will be welcomed by the First Time Installation screen as shown.



Once you have decided the options as described below, select Auto Tuning and press OK on the remote control.

**Language:** Select your preferred on-screen display language. This will change the language in which the menus and associated information is displayed in.

**Country:** Select the country which the TV is to be used in.

**Environment:** Use this option to select either Home or Store mode.

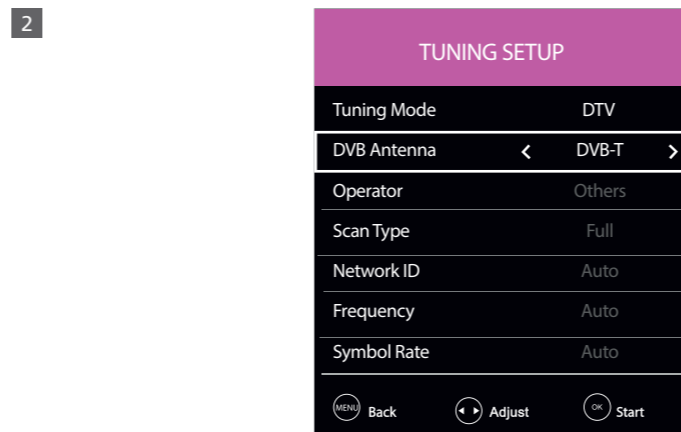
**Home Mode:** Power saving mode which reduces the energy used (by reducing the power to the LED/LCD panel).

**Store Mode:** The picture will be brighter and you can personalise the settings within the picture settings menu (Contrast, Brightness, Colour etc).

**Note:** In Home Mode, the TV will switch itself to the standby mode after 4 hours in the event that the buttons on the remote control or TV are not used.

**Auto-Tuning:** Starts the tuning process with the selected parameters.

**Sorting by LCN:** Automatically sorts the channel listing in logical order where main channels on 1, 2, 3, 4, 5 etc will be BBC 1, BBC 2, ITV, Channel 4, Channel 5 etc.



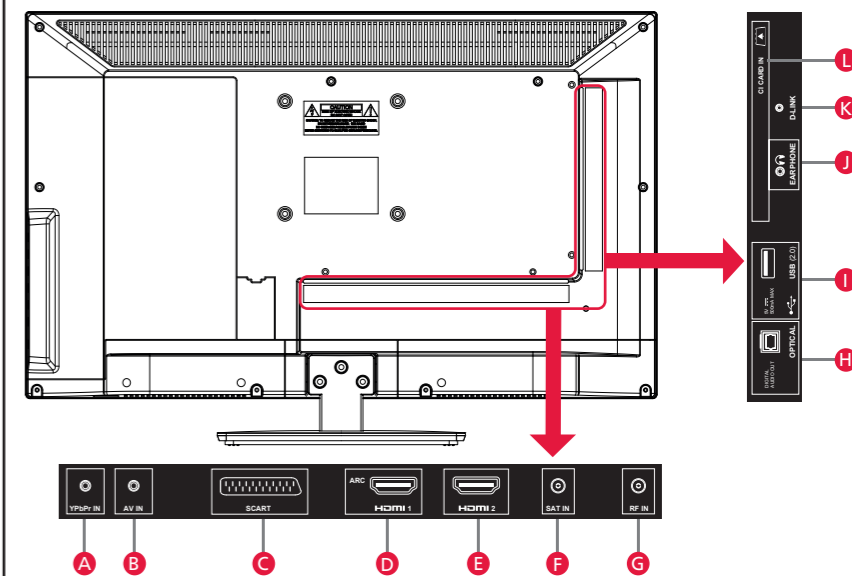
The next screen allows you to choose the tuning mode of the TV.

For normal broadcast TV such as Freeview, the Tuning Mode should be DTV (Digital TV)

Press OK on the remote to begin the tuning process.

The TV will show you a progress indicator displaying which channels have been found.

## Connectivity



- |                       |                      |                               |                                    |
|-----------------------|----------------------|-------------------------------|------------------------------------|
| <b>A</b> Video/YpPr   | YpPr video input     | <b>H</b> Optical Audio Output | Digital Optical Optical Output     |
| <b>B</b> AV In        | Audio/Video input    | <b>I</b> 1 x USB              | USB Port                           |
| <b>C</b> Scart        | Scart Input          | <b>J</b> Earphone             | Earphone Input                     |
| <b>D</b> HDMI 1 (ARC) | HDMI Input           | <b>K</b> Service Input        | Input used by service centers only |
| <b>E</b> HDMI 2       | HDMI Input           | <b>L</b> CI Card In           | Common Interface module            |
| <b>F</b> SAT IN       | Satellite Input      |                               |                                    |
| <b>G</b> RF In        | RF / TV Aerial input |                               |                                    |