



User Manual



HKC 43F6



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Introduction

Thank you very much for purchasing your LED TV. It serves as a normal colour TV and a PC monitor. To enjoy your set fully from the very beginning, read this manual carefully and keep it handy for future reference.

INSTALLATION

1. Locate the TV in the room where direct light does not strike the screen. Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.
2. Allow enough space between the TV and the wall to permit ventilation.
3. Avoid excessively warm locations to prevent possible damage to the TV or premature component failure.
4. This TV can be connected to AC 100-240V~ 50/60Hz.
5. Do not install the TV in a location near heat sources such as radiators, air ducts, direct sunlight, or in closed compartments and closed areas. Do not cover the ventilation openings when using the TV.
6. The indicator light will last for about 30 seconds after the power has been turned off. Wait until the indicator light goes out before repowering the TV.

SAFETY

1. DO NOT expose the television to extremely high temperatures (below 5 ° C and above 35 ° C) or extreme humidity (less than 10% and more than 75%).
2. DO NOT expose the television to direct sunlight.
3. Prevent the television from coming into contact with liquids.
4. Make sure that no objects get into the television and do not place vases of water on the television.
5. Unplug the power cord and remove the antenna cable during a lightning storm (especially during lightning).
6. Do not walk on the cable and ensure that the cable is fully unrolled.
7. Do not overload outlets or extension cords, as this may result in the risk of fire or electric shock.
8. Use a soft, dry cloth (without volatile substances) to clean the television.
9. Do not attempt to repair the television yourself if it is defective. Contact us by sending an email to service@hkc-europe.com.

Warning



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



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



This symbol is intended to alert the user to avoid the risk of electric shock, do not disassemble this equipment by anyone except a qualified service personnel.



This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the equipment.

Caution



Caution

High voltages are used in the operation of this product.

Do not open the product's casing. Refer servicing to qualified service personnel.



Caution

To prevent fire or electrical shock hazard, do not expose the main unit to moisture. Do not place objects filled with liquids, such as vases, on the TV.



Caution

Do not drop or push objects into the television cabinet slots or openings. Never spill any kind of liquid on the television receiver.



Caution

Avoid exposing the main unit to direct sunlight and other sources of heat. Do not stand the television receiver directly on other products which give off heat: e. g. video cassette players and audio amplifiers. Do not block the ventilation holes in the back cover. Ventilation is essential to prevent failure of electrical components. Do not squash power supply cord under the main unit or other heavy objects.

Caution



Caution

Never stand on, lean on or suddenly push the product or its stand. You should pay special attention to children.



Caution

Do not place the main unit on an unstable cart stand, shelf or table. Serious injury to an individual, and damage to the television, may result if it should fall.



Caution

When the product is not used for an extended period of time, it is advisable to disconnect the AC power cord from the AC outlet.



Caution

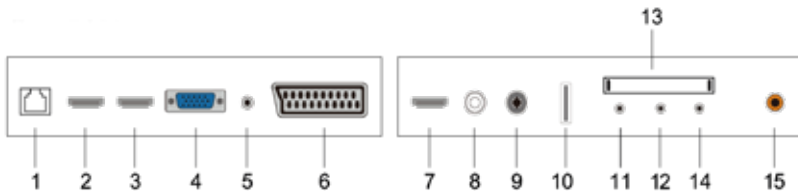
The LED panel used in this product is made of glass and is therefore breakable. This product must not be dropped or banged. If the LED Panel breaks be careful of being injured by broken glass.

Main unit description

Control Panel Button Function

VOL+ : Volume up.
VOL- : Volume down
CH+ : TV channel up.
CH- : TV channel down.
MENU : Press to select the main menu.
SOURCE : Select the input signal.
POWER : Switch on when in standby mode or to enter the standby mode.

TV Connections



- | | | |
|---------------|---------------------|----------------|
| 1. VGA | 6. HDMI-1 | 11. Mini YPBPR |
| 2. PC audio | 7. HDMI-2 | 12. CI-slot |
| 3. Scart | 8. HDMI-3 | 13. USB |
| 4. DVB-S2 | 9. Coaxial | 14. Earphone |
| 5. RF antenna | 10. Mini AV & AUDIO | |

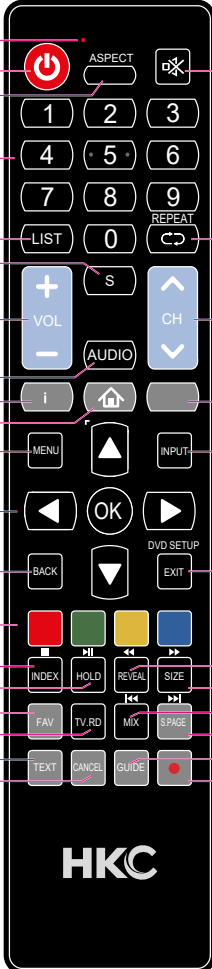
Connect the USB to the USB jack on the set



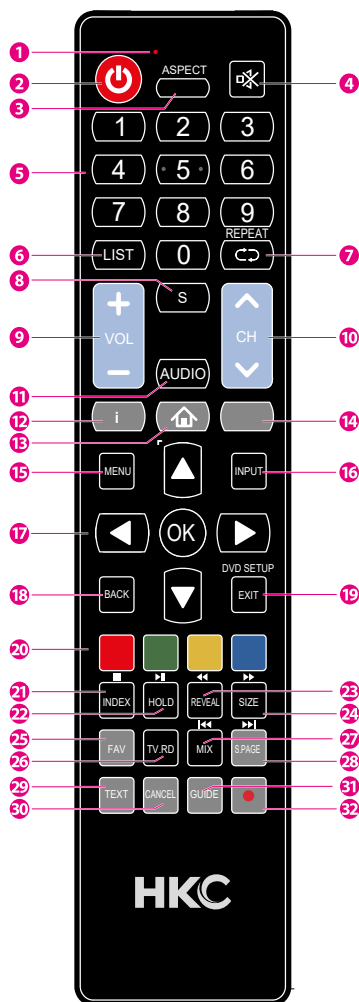
NOTE

- It is only 500 mA MAX of DC current output when you connect with USB jack.
- To ensure the mobile HD works well, you should use other power supply for the mobile HD and don't use the USB jack in the same time.
- It supports mobile HD by connecting with USB jack (must be more than 2 Gb). The partitions of the mobile HD can't be more than 4 partitions. The max partition is 2 Tb. It supports FAT/FAT32 files. The max FAT file is 4Gb and the max FAT32 file is 2Tb.

Remote Control

- 
- 1 Indicator light.
The red indicator light flashes red to show that the remote is working and sending a signal.
 - 2 Switch the TV between on and standby mode.
 - 3 Watch the screen in various formats: Auto/4:3/16:9/Zoom/Subtitles/Smart-zoom.
 - 4 Mute and restore your TV sound.
 - 5 0-9 numbers.
Press to select a programme.
Select numbered items in a menu (DVD mode).
 - 6 List. Display the channel list (ATV/DTV mode).
 - 7 Return. Return to the previous viewing channel (ATV/DTV mode) or return to menu (DVD-modus).
Repeat. Select between different repeat modes (DVD mode).
 - 8 Display subtitles which are broadcast with the programme (DTV mode).
Display subtitles on the DVD (DVD mode).
 - 9 Adjust the volume (+ higher, - lower).
 - 10 Select a channel (up/down).
 - 11 Audio
Turn on/off the Audio Description (AD) function (DTV mode).
Select different Audio Mode on DVD mode.
Select stereo/dual sound reception (ATV mode)
 - 12 Display the present channel information such as current time and channel name (ATV/DTV mode).
Display the present disc information (DVD mode)
 - 13 Displays the EPG (Electronic Programme Guide) (DTV mode).
 - 14 No function.
 - 15 Displays the OSD menu (On Screen Display).
 - 16 Select among the different input signal sources: DTV / ATV / AV / SCART / YPbPr / HDMI1 / HDMI2 / HDMI3 / PC / USB.
 - 17 Allows you to navigate trough the OSD menus and adjust the system settings to your preference.
OK confirm the selection in the OSD menus.
 - 18 Return to the previous menu in the OSD menus.

Remote Control



- 19 • Exit the OSD menu.
• Display and exit the DVD setup menu (DVD mode).
- 20 • Access the Teletext items (ATV/DTV mode).
• Access menu options.
PROG (RED)
• Display the channel menu (ATV/DTV mode).
• Access menu options.
• Programme the DVD (DVD mode).
STEP (GREEN)
• Play the playback forward frame by frame (DVD mode).
GO TO (YELLOW)
• Skip to a specific location on a DVD (DVD mode).
A-B (BLUE)
• Repeat a segment between A and B (DVD mode).
- 21 • To select the page number of the index in teletext (TV Teletext mode).
• Stop the playback or recording (USB/DTV/DVD mode).
- 22 • Freeze a multi-page passage on screen in Teletext (TV teletext mode).
• To start the timeshift playback (DTV mode).
• To start playback or pause (DTV/USB/DVD mode).
- 23 • To show hidden information if existing (TV teletext mode).
• Reverse playback rapidly (USB/DVD mode).
- 24 • To enlarge the picture on the TV in teletext (TV teletext mode).
• Advance playback rapidly (USB/DVD mode).
- 25 • Display the favourite channel list (ATV/DTV mode).
• Display the DVD menu (DVD mode)
- 26 • A short cut to switch input source to TV/Digital radio channels.
• Select different angles for the video (DVD mode).
- 27 • TV and TXT pictures are mixed together (TV teletext mode).
• To skip to the beginning of the previous chapter/track/photo (USB/DVD mode).
- 28 • To open a subpage if existing in teletext (TV teletext mode).
• Skip to the beginning of the next chapter/track/photo (USB/DVD mode).
- 29 Display the DVD title content (DVD mode).
- 30 Play video slowly (DVD mode).
- 31 • Turn on and off the teletext function (TV mode).
• Zoom in on the displayed frame (DVD mode)
- 32 • Eject the disc (DVD mode)
• Cancel

OSD basic adjustment

Installation Guide

If this is the first time you are turning on the TV and there are no programs in the TV memory, the installation Guide menu will appear on the screen.

1. Press the ▲▼/◀▶ buttons to select the language.
2. Press the ▲▼/◀▶ buttons to select the local country
3. Press the ▲▼/◀▶ buttons to select energy mode.



Note:

Searching for platform will take a long time, please be patient and don't turn off the TV.

OSD basic adjustment

Channels

Press **MENU** to display the main menu. Press **◀▶** to select 'CHANNEL' in the main menu.



Auto Tuning

Press **▲▼** and select 'Auto Scan'.

Press **▲▼** to select the country and press **▲▼** to select 'Tune Type' and 'Digital Type'.

Press **OK** to start scanning. Press **MENU** to skip or **EXIT** to stop scanning.

Turn on "Sorting by LCN" to put the channels in logical order.



OSD basic adjustment



Note:

Searching for platform will take a long time, please be patient and don't turn off the TV.



Analog Manual Tuning

Press ▲▼ to select 'Manual scan' and press ► to 'ATV Manual Tuning'.

Press **MENU** to return to the previous menu. Press **EXIT** to exit the menu.

OSD basic adjustment



DTV Manual Tuning (digital)

Press ▲▼ to select 'Digital Manual scan' and press ▼ to start.

Press **MENU** to return to the previous menu. Press **EXIT** to exit the menu.



Channel Edit

Press ▲▼ to select 'Programme Edit' and press **OK** to select.

Delete channels

Press ▲▼ to select the channel and press the red button to delete the channel.

Skip channels

Press ▲▼ to select the channel and press the blue button to skip the channel. Press the blue button again to cancel the setting.

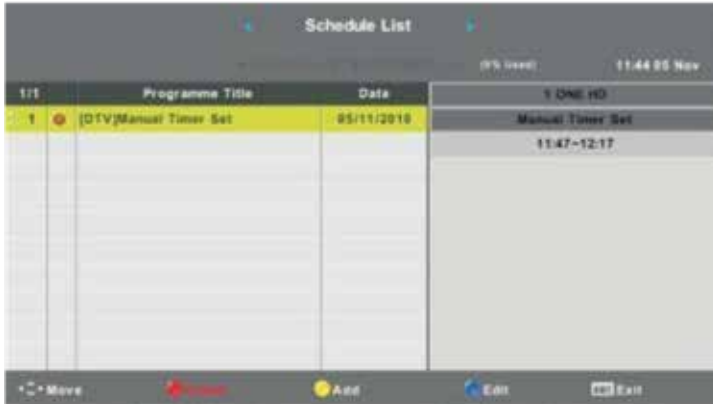
Move channels

Press ▲▼ to select the channel and press the yellow button to move the channel. Press the yellow button again to confirm.

OSD basic adjustment

Schedule List

Press ▲▼ to select 'Schedule List' and press OK to enter the submenu.



Signal information (only use in DTV)



Press ▲▼ to select 'Signal information'.

Press MENU to return to the previous menu. Press EXIT to exit the menu.

CI card Information

Press ▲▼ to select 'CI info'. Press OK to check CI card information.

Picture

You can select the type of image that best suits your personal preference. Press **MENU** to enter the OSD menu. Than press **◀▶** to select the 'PICTURE' menu. Press **▲▼** to select 'Picture Mode'. Press **OK** to select.



You can change various image options here.

Item	Adjustable	Standard	Description
Picture settings	<ul style="list-style-type: none"> • Contrast • Brightness • Colour • Sharpness • Tint • Colour Temp • Noise Reduction • HDMI Mode 	Default	Set the various standard image settings

You select the item you want to change with the **▲▼** buttons. Use the **◀▶** buttons to set the desired setting. Then press **OK** to confirm.

Sound

You can select the type of sound that best suits your personal preference. Press **MENU** to enter the OSD menu. Than press **◀▶** to select the 'SOUND' menu. Press **OK** to select.



You can change various sound options here.

Item	Adjustable	Standard	Description
Sound settings	<ul style="list-style-type: none">• Sound Mode• Treble• Bass• Coaxial Mode• AD switch	Default	Set the various default sound settings

You select the item you want to change with the **▲▼** buttons. Use the **◀▶** buttons to set the desired setting. Then press **OK** to confirm.

Time

You can select different time settings that best suits your personal preference. Press **MENU** to enter the OSD menu. Than press **◀▶** to select the 'TIME' menu. Press **OK** to select.



You can change various time options here.

Item	Adjustable	Standard	Omschrijving
Time settings	<ul style="list-style-type: none">• Time Zone• Sleeptimer• Auto Standby• OSD Timer	Default	Set the various default time settings

You select the item you want to change with the **▲▼** buttons. Use the **◀▶** buttons to set the desired setting. Then press **OK** to confirm.

Lock

You can select different lock settings that best suits your personal preference. Press **MENU** to enter the OSD menu. Than press **◀▶** to select the 'LOCK' menu. Press **OK** to select.



You can change various lock options here.

Item	Adjustable	Standard	Omschrijving
Lock settings	<ul style="list-style-type: none"> • System Lock • Set Password • Channel Locks • Parental Guidance • Key Lock • Hotel Mode 	Default	Set the different security settings

You select the item you want to change with the **▲▼** buttons. Use the **◀▶** buttons to set the desired setting. Then press **OK** to confirm.

The default password is 0000.

NOTE:

The administrator password is 8899.

Set Up

You can select different set up settings that best suits your personal preference. Press **MENU** to enter the OSD menu. Than press **◀▶** to select the 'SET UP' menu. Press **OK** to select.



Adjustable	Setting up
Language	to select the OSD language
TT Language	to select the TT language
Audio Language	audio volume
Subtitle Language	to select the subtitle language (only in DTV)
Hearing Impaired	on or off for the hearing impaired
Aspect Ratio	image size Auto, 4:3,16:9, Zoom1, Zoom2
Blue Screen	turn on or off
First Time Installation	Press OK to confirm
Reset	Press OK , than ◀ . Select 'Yes' to restore all setting to default setting.
Software Update	Press OK to update software using USB
Environment	Choise from Home Mode or Shop Mode
HDMI CEC	Connect another device via HDMI

Use the **▲▼** buttons to select the item that you want to change. Use the **◀▶** buttons to set the desired setting. Then press **OK** to confirm.

Screen

You can select screen settings in PC mode that best suit your personal preference. Press **MENU** to enter the OSD menu. Than press **◀▶** to select the 'SCREEN' menu. Press **OK** to select.



You can set various screen settings here.

Item	Adjustable	Standard	Description
Screen settings	<ul style="list-style-type: none"> • Auto Adjust • H-Offset • V-Offset • Size • Phase • Position Reset 	Default	Set the different ones standard screen settings in PC mode

Use the **▲▼** buttons to select the item that you want to change. Use the **◀▶** buttons to set the desired setting. Then press **OK** to confirm.

DTV Features

Favorite List

When the source is selected as DTV, users can enter Favorite List by pressing "FAV" button.

The "Favorite List" window is illustrated as follows:



Press ◀▶ to select favorite list number

Program Information

When the source is selected as DTV, you can press "display" button to display the channel's information. The program information window is illustrated as follows:



DTV Features

Audio Languages

When the source is selected as DTV, users can enter in the the Setup menu the 'Audio Language' menu. The 'Audio Language' window is illustrated, and press ▲▼ button to serve the menu.



Subtitle Languages

When the source is DTV, users can set the subtitle language at menu (if available).



This image is only an example of the languages.

Electronic Program Guide (EPG)

Electronic Program Guide (EPG) provides program information which will be broadcasted now or in the future. The system will display EPG window by pressing 'GUIDE' button. DATE and TIME information is displayed on the right of the window. The left side shows all channels. The right side shows the programs in the channel. The selected program is also displayed on the top of the screen.

7 Day TV GUIDE	
08:15 - 09:03 07 Dec 2005	
Movie/Drama	
Likainen Len: Mike tutki, onko maastytäläisen kuolemalla yhteyttä kukaan eläntien kuolemaan. Alfred saattaa Davidin nousuvien vangiksi. Stereo.	
07 Dec 2005 08:38:16	
07 Dec 2005	
1 YLE TV1	08:15-09:03 Sydämen asialla
2 YLE TV2	09:05-09:13 No information
3 YLE FST	09:15-09:29 Koulu-tv: Näin tehtiin Ulakkokomppania
4 YLE24	09:30-09:58 No information
5 YLE Teema	10:00-10:04 Tv-uutiset
	10:05-10:26 No information
	10:30-10:58 FST: Elämäntäto
	10:58-11:00 FST: Tate Modern: Eri ulottuvuudet
<div><div><div>Record</div><div>Remind</div><div>Move View</div></div><div><div>Prev Day</div><div>Info Details</div></div><div><div>Next Day</div><div>Exit</div></div></div>	

Press ▲▼ to select the program. You can press the RED button to enter record mode. Press the GREEN button to display the program's detail. Press the YELLOW button to check details in the PVR's Schedule List introduction. Press the BLUE button to enter a remind setting.

Press ▲▼ to select and press ◀▶ to select the channel number to see the current channel's program forecast.

Note: The U disk will be formatted when in burning, please do not store important files in the U disk.

PVR Operation (Personal Video Recorder)

Press **MENU** to enter the OSD menu. Then press **◀▶** to select the 'SET UP' menu. Press **OK** to select.



You select with the **▲▼** buttons 'PVR File System'. Then press **OK** to confirm. You select with the **▲▼** buttons 'Check PVR File System'. Then press **OK** to confirm.



Note:

The external disk will be formatted, so make sure there are no important files on it.

USB Features

Select Media / USB in the 'SOURCE' menu.



Photo

Press ◀▶ to select 'PHOTO'. Press the **OK** button to confirm the selection. Press the ◀▶ buttons to select the disk drive or file that you want to see. Press the **OK** button to confirm the selection. Press the **EXIT** button to return to the previous step or menu.

It works the same for Music, Photo and Folder.

NOTE:

The images related to the function are for reference only.

Specifications

RGB-input

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (KHz)
DOS	720 x 400	31.5	70
VGA	640 x 480	31.5	60
SVGA	800 x 600	37.9	60
XGA	1.024 x 768	48.4	60
WXGA	1.920 x 1.080	67.5	60

HDMI-input

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (KHz)
VGA	640 x 480	31.47	59.94
480i	720 x 480i	15.73	59.94/60
576i	720 x 576i	15.63	50
480p	720 x 480p	31.47	59.94/60
576p	720 x 576p	31.26	50
720p	1.280 x 720p	37.50 44.96	50 59.94/60
1.080i	1.920 x 1.080i	28.13 33.75	50 59.94/60
1.080p	1.920 x 1.080p	56.25 67.5	50 59.94/60

Component video (YPbPr) input

Mode	Resolution	Horizontal Frequency (KHz)	Vertical Frequency (KHz)
480i	720 x 480i	15.73	59.94/60
576i	720 x 576i	15.63	50
480p	720 x 480p	31.47	59.94/60
576p	720 x 576p	31.26	50
720p	1.280 x 720p	37.50 44.96	50 59.94/60
1.080i	1.920 x 1.080i	28.13 33.75	50 59.94/60
1.080p	1.920 x 1.080p	56.25 67.5	50 59.94/60

Due to continuous product development, specifications are subject to change without prior notice.

Troubleshooting

Before contacting our service department you can go through the following for possible solutions.

Problem	Solution
TV will not turn on	<ul style="list-style-type: none"> • Make sure the power cord is plugged in. • The batteries in the remote control may be drained; replace the batteries.
No picture, no sound	<ul style="list-style-type: none"> • Check the cable between TV and antenna/external AV device. • Press the power button on the remote. • Press the SOURCE button the remote, then press the ▼▲ button repeatedly to select the TV source.
Poor picture, sound OK	<ul style="list-style-type: none"> • Check the cable between TV and antenna/ external AV device. • Try another channel, the station may have broadcast difficulties. • Adjust the brightness/contrast in the Video menu. • Check that the unit is set to PAL
Audio noise	<ul style="list-style-type: none"> • Check if the cables are connected properly. • Move any infrared equipment away from the TV.
No audio	<ul style="list-style-type: none"> • Make sure the volume is not turned off or set to minimum.
Photos, videos and music from a USB device are not displayed	<ul style="list-style-type: none"> • Check if the USB storage device is capable of mass storage, as described in the documentation that came with the storage device. • Check if the USB storage device is compatible with the TV • Check if the audio and image file formats are supported by the TV.

Troubleshooting

USB files are played jerkily

- The speed of the USB storage device can affect the speed of data transfer to the TV, preventing image and / or sound from being smoothly displayed.

The TFT LED panel uses a panel consisting of sub pixels which requires sophisticated technology to produce. However, there may be a small number of bright or dark pixels on the screen. These pixels will have no impact on the performance of the product.

Guarantee

We regret it when a HKC product doesn't work as it should, despite our careful quality control. That is why we offer a 2-year manufacturer's warranty after the date of purchase on all our models.

This guarantee is a pick-up and return guarantee. This means that we take care of the return of the product to our repair and service center. We will thoroughly check the product and solve the problem. We will send the product back to your home within 7 working days.

If the product can no longer be repaired, we will send you a new one.

Warranty conditions

1. Factory warranty is only given if you can present the purchase invoice.
2. This manufacturer's warranty applies to all HKC-europe products.
3. Manufacturer's warranty applies only to material and manufacturing defects. Problems caused by improper use, incorrect installation, external factors and normal wear and tear are not covered by this manufacturer's warranty.
4. The factory warranty expires as soon as changes or repair work on the product are carried out by yourself or third parties. The same applies if the serial number is changed or removed.
5. The decision on repair or replacement of the product is exclusively reserved to HKC. The warranty period is not extended due to repair or replacement.

Customer service contact form

To use the Manufacturer's warranty or other questions, you can contact HKC Customer Service via the customer service contact form at:

www.hkc-eu.com/en/service/klantenservice-contact/

Due to the continuous product development, the manual can change without prior notice. Typing and printing errors reserved.



EC directives internet address:

<https://eur-lex.europa.eu/browse/summaries.html?locale=en>



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment. The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority, or where you purchased your product.

Notes for Battery Disposal

The batteries used with this product contain chemicals that are harmful to the environment. To preserve our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.

MPEG-2 NOTICE

Any use of this product in any matter other than personal use that complies with the MPEG-2 standard for encoding video information for packaged media is expressly prohibited without a license under applicable patents in the MPEG-2 Patent Portfolio, which license is available from MPEG LA, LLC, 6312 S. Fiddlers Green Circle, Suite 400E, Greenwood Village, Colorado, 80111 U.S.A.



About HKC

The HKC brand was established in 1997 as a manufacturer of PC monitors thanks to the good quality and specific technical production process. HKC quickly grew into a TOP 3 Producer of monitors on the Chinese market. In 2003 HKC started producing LCD televisions, over the years, HKC has bought many suppliers which now makes all parts of the TV in-house, so HKC has one of the only open-cell assembly lines where the LCD of the TV is made. Since 2007, HKC has an office in the Netherlands and in 2016 HKC started the assembly of TV's in the Netherlands, where HKC tries to offer as many jobs as possible to people with a distance to the labor market in order to be socially responsible.



Customer service

Send an email with your question:
service@hkc-europe.com
or phone +31 (0)24 - 34 34 230
(monday-friday 09.00 - 17.00 uur).

For product information: www.hkc-eu.com