

User Manual



HKC 32F1D

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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 tumed 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.



Class I Connect the plug to an earthed wall socket.

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 ofbeing injured by broken glass.

Beschrijving van de TV

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



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.

Mounting



The TV on a surface

Attach the feet to the device as described in the illustration and screw them down with the supplied mounting screws.



Hang the TV on the wall

Attach your wall bracket to the appropriate threads on the back and pay attention to the distance between the holes.

CI+ module



Dit apparaat is uitgerust met een Cl+ -sleuf voor gebruik van een modules voor een smartcard die digitale weergave mogelijk maakt zonder een decoder (kastje van provider). We raden voor onze tv's de SMiT-module aan.

Het installeren van een CI+ module

1. Zorg dat de tv in de fabrieksinstellingen staat. Als de tv nog niet is gebruikt staat deze automatisch in de goede instelling. Heeft u de tv al langer in gebruik dan moet u deze eerst terug zetten in de fabrieksinstelling. Zet daarna uw tv weer uit.

- 2. Sluit uw tv aan op de coax kabel. Deze kabel geeft de digitale zenders door.
- Zet de tv weer aan. Laat hem automatisch naar de digitale zenders zoeken (zie pagina 14). Vergeet hier niet LCN aan te zetten. Dit kan enige tijd duren.
- 4. Controleer of er zenders zijn gevonden.
- 5. Zet de tv weer uit.
- 6. Steek nu uw smartcard in de CI-module. Steek nu de module met smartcard in de CI-slot. Zet nu de tv weer aan. De tv en CI-module gaan elkaar nu controleren. Dit kan soms wel meer dan 20 minuten duren.
- 7. Nu is uw tv klaar voor gebruik.

Het verwijderen van de CI+ module

- 1. Zet uw tv uit.
- 2. Verwijder voorzichtig de module.

Als een module beschikbaar is, zijn er meer opties beschikbaar op de Cl-informatiepagina van de OSD.

- 1. Druk op www to enter the system setting.
- 2. Use $A \nabla / \overline{A} >$ to select the CI information and press O K to enter the settings.
- 3. Wait until the submenu is closed.
- 4. Use $\Delta \nabla / \langle \bullet \rangle$ to select an option and press O K to edit or open the selected function.
- 5. Press **EXIT** to save the changes and exit the menu.

Some menu options and settings depend on the corresponding CA module. We recommend the SMiT module.

The CA module (not included) is required when using a smart card (not included) to receive encrypted channels.

Ensure that the CA module and the smart card are compatible with each other. This device can read Cl + compatible modules.

The available channels depend on the CA module used, the Smart Card and of course your provider.



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 ASPECT: Watch the screen in various formats: Auto/4:3/16:9/Zoom/Subtitels/Smart-zoom.
- 4 MUTE. Mute and restore your TV sound.
- 5 0-9 numbers. Press to select a programme.
- 6 LIST. Display the channel list (ATV/DTV mode).
- 7 REPEAT. Return to the previous viewing channel (ATV/DTV mode)
- 8 SUBTITLE: Display subtitles which are broadcast with the programme (DTV mode).
- 9 VOL: Adjust the volume (+ higher, lower).
 - 10 CH: Select a channel (up/down).
- 11 Turn on/off the Audio Description (AD) function (DTV mode). Select sterio/dual sound reception (ATV mode).
 - 12 Display the present channel information such as current time and channel name (ATV/DTV mode).
 - 13 Displays the EPG (Electronic Programme Guide) (DTV mode).
 - 14 No function.
 - 15 Displays the OSD menu (On Screen Display).
- 20 16 Select among the different input signal sources:
 20 DTV / ATV / AV / SCART / YPbPr / HDMI1 / HDMI2
 31 / 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.
 - 19 Exit the OSD menu.

Remote Control



20 Corresponds to the different colored themes

21 INDEX:

To select the page number of the index in teletext (TV Teletex mode).

- Stop the playback (USB)
- 22 HOLD:

Freeze a multi-page passage on screen in Teletekst (TV teletekst mode).

23 REVEAL:

Shows the top, bottom or entire page for easy reading in video text mode. ◀ Fast rewind (USB)

24 SIZE:

To enlarge the picture on the TV in teletext (TV teletex mode). ▶ Fast forward (USB)

- 25 Display the favourite channel list (ATV/DTV mode).
- 26 A short cut to switch input source tot TV/ Digital radio channels.
- 27 TV and TXT pictures are mixed together (TV teletext mode).
 I◀ To skip to the beginning of the previous chapter/track/photo (USB)
- 28 S.PAGE: To open a subpage if existing in teletext (TV teletext mode).
 ▶IGo to the beginning of the next chapter/ track/photo (USB)
- 29 No function.
- 30 No function.
- 31 TEXT: Turn on and off the teletext function (TV mode). ZOOM: Zoom in on the displayed frame (USB)
- 32 No function.

Invoerbron en kanaalontvangst

Use the TV

Make the connection with the desired receiving mode. The connection for DVB-C (cable / Coax) and DVB-T (antenna) can be found at the rear. For DVB-S reception (satellite), use the corresponding connection on the rear panel.

DVB-T (antenna)

Whether and how many DVB-T channels can be received by this device is highly dependent on the location and DVB-T signal strength in the area. DVB-T radio in particular is very limited and not available at most locations. Please note that if you use the TV in a different area than before, you must reset the channels. This is because the frequencies of the channels are very different from region to region. Channels marked with (internet) are linked to the internet and cannot be used.

DVB-C (cable / coax)

The programs can be received analogue or digital via DVB-C. If possible, prefer the digital receive mode. In this mode, more channels are available with better picture quality.

Coded channels (via provider or satellite)

You can also receive coded TV channels via satellite or DVB-C. That is why you need a box or Cam module and a SMART CARD from your service provider. Which programs can be used depends on the contract.

Module and smart card are not included in the delivery. Activating the card can take a few minutes when it is used for the first time. The device controls the module after each activation. Note the manual for CI + module and smart card. Only CI + modules and cards can be used. Other models are not supported. Indication for CI +

Please note that the recording and time shift function may be limited on some channels. Recorded files from channels encoded via CI + Card can only be played on this device. This is limited by the program and we as the manufacturer are not responsible for this.



Invoerbron en kanaalontvangst

Source

Select the correct input source on your TV (eg antenna, satellite cable, HDMI port) by pressing the SOURCE button on your remote control.

Confirm your choice with **OK**

Input So	urce
Satellite	•
DVB-T/C	٥
ATV	٢
AV	
PC	•
SCART	[
YPbPR	
HDMI1	l
HDMI2	l
HDMI3	
USB	
⊖ Move <mark>ок</mark> Select	EXIT Exit

First Time installation

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 $\Delta \nabla / \langle \bullet \rangle$ buttons to select the language.
- 2. Press the $\Delta \nabla / \langle \bullet \rangle$ buttons to select the local country

3. Press the AV/4 om hem op Home mode te zetten. Indien de tv in een

omgeving met veel licht gebruikt wordt (bv winkel) zet hem dan in store mode.



Note:

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

Channels

Press to display the main menu. Press \clubsuit to select 'CHANNEL' in the main menu.



Auto Tuning

Press $\blacktriangle \nabla$ to select 'Auto Tuning'.

Press $\blacktriangle \nabla$ to select the country and use $\blacktriangle \nabla$ to select 'Tune Type' and 'Digital Type'. Put this on DTV + ATV. Select the type (DVB-T / S / C). Press \bigcirc to start the search. Press \bigcirc to skip \bigcirc to stop. Turn on "LCN" to put the channels in logical order (not possible with Satellite).

Τι	ining S	Setup	
Country		Netherlands	
Tune Type		ATV + DTV	
Digital Type		DVB-C	
Scan Type		Full	
Network ID		Auto	
Frequency		Auto	
Symbol Rate		Auto	
MENU Back		ок Start	

	Tuning	Setup	
LCN		On	
MENU B	ack	ок Start	

Channel Tuning	Channel Tuning	
TV : 0 Programme	TV : 1 Programme	
DTV : 0 Programme	DTV : 4 Programme	
Radio : 0 Programme	Radio : 0 Programme	
Data : 0 Programme	Data : 0 Programme	
0% 46.25 MHz TV	54% VHF CH 6 (DTV)	
Please press MENU key to skip	Please press MENU key to exit	

Note:

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

Satellite

If you are going to watch TV via your satellite, you must first search for the Satellite source input source (see page 13) before searching for channels. Then you can choose your satellite at Autotuning.



Analog Manual Tuning Press ▲▼ to select 'Manual scan' and press ▶ to 'ATV Manual Tuning'. Press ௸ to start with searching. Press ௸ to return to the previous menu. Press ௸ to exit the menu.

DTV Manual Tuning			
∢ -	VHF CH 5	+ ►	
	NO SIGNAL		
Bad	Freq: 177.50MHz	Good	

DTV Manual Tuning (digital)

Press ▲▼ to select 'Digital Manual scan' and press ௸ to start. Press ௸ to return to the previous menu. Press ℻ to exit the menu.

Channel Edit

Programme Edit	
🔶 1 Programme	DTV
2 Programme	DTV
3 Programme	DTV
4 Programme	DTV
Delete Move	🔵 Skip
OK Select 1/1 FAV Fav	MENU Back

Press $\mathbf{A}\mathbf{\nabla}$ to select 'Programme Edit' and press $\mathbf{O}\mathbf{K}$ to select.

Delete channels

Press $\blacktriangle \nabla$ to select the channel and press the red button to delete the channel.

Skip channels

Press $\blacktriangle \nabla$ 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 $\blacktriangle \nabla$ to select the channel and press the yellow button to move the channel. Press the yellow button again to confirm.

The 3 colored buttons are shortcut keys.

Press ▲▼ to select the channel to change, and then press the colored buttons to:

Delete	Delete the selected channel
Move	Change the order of the selected channel
Skip	Skip the selected channel

Press the FAV button to add or remove the channel from your favorite list. (Your TV connection will automatically skip the channel while CH +/- is used to watch the channels).

LCN (Logical channel number)

Turn on "LCN" to put the channels in logical order (not possible with Satellite).

Cl information

Press $\blacktriangle \nabla$ to select 'Cl info'. Press $\odot k$ to check Cl card information.

OSD Menu PICTURE

The second item in the OSD menu is "PICTURE". You can adjust the image effect here, such as contrast, brightness, etc.

Press M to enter the OSD menu. Than press \checkmark to select the 'PICTURE' menu. Press \bigstar to select 'Picture Mode'. Press M to select.



Picture Mode

Press $\blacktriangle \nabla$ to select the picture mode and then press to enter the submenu. You can change the contrast, brightness, color, sharpness and hue values when the image is in Personal mode.



Contrast/Helderheid/Kleur/Tint/Scherpte. You select the item with the ▲▼ buttons that you want to change. By the ◀► buttons set the desired setting. Then press or to confirm.

OSD Menu PICTURE

Contrast	Adjust the light intensity of the image, but the shadow of the image is not variable.
Brightness	Adjusts the brightness of the image, making the dark area brighter
Colour	Adjusts the saturation of the color.
Tint	The use of color compensation has changed with the sending of the NTSC code.
Sharpness	Adjusts the level of the details in the image

Color	ur Temp
	Cold
N	ormal
v	Varm
ок Select	MENU Back

Colour Temp

Changes the temperature of the colors. Use the $\blacktriangle \nabla$ buttons to select the desired temperature. Then press to confirm.

Cold	Increases the blue tone in the white.
Normal	Increases the average colors in white.
Warm	Increases the red color in the white.

OSD Menu PICTURE

Noise Reduction

Filters and reduces image noise and improves image quality. You select the desired quantity with the \mathbf{AV} buttons. Then press **a** to confirm.

Noise Reduction
Off
Low
Middle
High
Default
OK Select MENU Back

Off	Switch off noise reduction		
Low	Detect and reduce low image noise		
Middle	Detect and reduce moderate image noise		
High	Detect and reduce increased image noise		
Default	Set as Default		

OSD Menu SOUND

The third item in the OSD menu is "SOUND".

Press we to open the OSD menu.

Press \blacktriangleleft o select the SOUND item in the OSD menu.



Press $\blacktriangle \nabla$ to select the option that you want to adjust in the SOUND menu. Press \odot to adjust. After editing, press \odot to confirm and return to the previous menu.

Sound Mode			
Standard			
Music			
Movie			
Sports			
Personal			
OK Select MENU Back			

Sound Mode

Press $\blacktriangle \nabla$ to select the Sound mode and then press \odot to enter the submenu. Press $\blacktriangle \nabla$ to select the item.

You can change the value of Treble and Bass when the sound is in Personal mode.

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OSD Menu SOUND

Standard	Produces a balanced sound in all environments.			
Music	Retains the original sound. Good for music programs.			
Movie	Improve treble and bass for a rich sound experience.			
Sports	Improves sound for sports broadcasts			
Personal	The selection of personal sound settings			

Coaxial Mode

A PCM connection makes it possible to transfer two audio channels (ie stereo sound) in uncompressed digital form. Only intended for output. With digital transmission, the audio signal does not have to be converted from digital to analogue (and vice versa), so you do not have a loss of audio quality.

Press $\blacktriangle \nabla$ to select the Coaxial mode menu and then press $\blacktriangleleft \triangleright$ to choose between PCM / Auto.

OSD Menu TIME

The fourth item in the OSD menu is the "TIME" menu.

Press
 to open the OSD menu. Press
 to select the 'TIME' item in the OSD menu.



Press $\blacktriangle \nabla$ to select the option that you want to adjust in the TIME menu. Press \odot to adjust. After adjusting, press \odot to confirm the selection and return to the previous menu.



Time Zone

Press $\blacktriangle V$ to select Time zone and then press $\circlearrowright V$ to enter the submenu. Press $\blacktriangle V$ to select the desired time zone. Press $\circlearrowright V$ to confirm the selection.

OSD Menu TIME

Sleep Timer	
Off	
15Min	
30Min	
45Min	
60Min	
90Min	
OK Select	MENU Back

Sleep Timer (TV turns off after this time)
Press ▲▼ to select Sleep Timer and then press os to enter the submenu. Press ▲▼ to select the desired time. Press os to confirm the selection.

Auto Sleep Timer			
Off			
2Н			
ЗН			
4H			
OK Select MENU Back			

OSD Timer 5 S 15 S 30 S Select END Back

Auto Sleep Timer (TV turns off after this time)

Press ▲▼ to select Auto Sleep Timer and then press I to enter the submenu. Press ▲▼ to select the desired time. Press I to confirm the selection.

OSD Timer

(OSD menu disappears after this time)
Press ▲▼ to select OSD Timer and then press or to enter the submenu. Press
▲▼ to select the desired time. Press or to confirm the selection.

OSD Menu LOCK

The fifth item in the OSD menu is the 'LOCK' menu.

Press we to open the OSD menu.

Press \blacktriangleleft to select the LOCK item in the OSD menu.



Press $\blacktriangle \nabla$ to select the option that you want to adjust in the LOCK menu. Press \odot to adjust. After editing, press \odot to save and return to the previous menu.



Password

Press ▲▼ to select System Lock. Then enter the password. You have the opportunity to try this 3 times.

The default code is 0000.

NOTE:

The administrator code is 8899. This is required to enable Parental Guidance or Channel Lock.

OSD Menu LOCK

	Please enter old password	
	Please enter new password Confirm new password	
◄ Clear		Cancel 🕨

Channel Lock				
¢	1 Program	I	DTV	
	2 Program		DTV	
	3 Program	I	DTV	
	4 Program		DTV	
	C LOCK			
0	Select	1/1	MENU Back	

Parental	Guidance
0	ff
3	i i
4	
5	
6	
7	
OK Select	MENU Back

Set Password

Press $\blacktriangle \nabla$ to select set password and then press \bigtriangleup to enter the submenu.

Channel Lock

Press ▲▼ to select Channel Lock and then press or to enter the submenu. Press the green button to lock or unlock

Parental Guidance

Press $\blacktriangle \nabla$ to select Parent Guidance, and then press $\bigodot v$ to enter the submenu. Press $\blacktriangle \nabla$ to select the channel number, and then press $\blacktriangleleft \triangleright$ to turn it on or off.

HOTEL MODE

Hotel Mode

To open this option, first press on the remote control and then the number buttons "8888".

The "HOTEL" menu will open.



Press $\blacktriangle \nabla$ to select the Hotel mode option that you want to adjust in the HOTEL menu. Press \boxdot to adjust to enter the submenu. After editing, press \circlearrowright to save and return to the previous menu.

Here you can set various settings by default that cannot be adjusted without a password. For example, maximum volume.

OSD menu CONFIGURATIE

The sixth item in the OSD MENU is the "CONFIGURATION" menu.

Press we to open the OSD menu.

Press **I** o select the CONFIGURATION item in the OSD menu.



Press $\blacktriangle \nabla$ to select an option that you want to adjust in the CONFIGURATION menu. Press \odot to open the submenu. After editing, press \odot to save and return to the previous menu.



OSD-Language

Select the language in which the OSD menu is to be displayed. English is set as the default language. Press $\Delta \nabla / \langle \rangle$ to select the desired language. Press or to confirm.

OSD menu CONFIGURATIE

TT Language
West
East
Russian
Arabic
Farsi
OK Select MENU Back

Audio Language Primary English Italiano Čeština Français Español Dansk Deutsch Português Ελληνικά

•	Subtitle La	Primary	
	English	▲ Italiano	Čeština
	 Français 	Español	Dansk 🕨
	Deutsch	Português ▼	Ελληνικά
	ок Se	lect ME	NU Back

Teletext language

Press $\blacktriangle \nabla$ to select Teletext language and then press N to enter the submenu. Press $\blacktriangle \nabla / \blacklozenge \triangleright$ to select the desired language. Press N to confirm.

Audio Language

Press $\blacktriangle \nabla$ to select Audio Language and then press \circledast to enter the submenu. Press $\blacktriangle \nabla / \blacktriangleleft \triangleright$ to select the desired language. Press \circledast to confirm.

Subtitle Language

Press $\blacktriangle \nabla$ to select Subtitle Language and then press R to enter the submenu. Press $\blacktriangle \nabla / \blacktriangleleft \triangleright$ to select the desired language (if present). Press R to confirm.

Hearing impaired

Press $\blacktriangle \nabla$ to select this menu and press \odot to turn this function on or off. You can select the type of sound that best suits your personal preference.

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OSD menu CONFIGURATIE

Favourite List

When the source is selected as DTV, users can enter the favorite channel list by pressing the 'FAV' button. The "Favorite list" window looks like this:

	Favoi	urite List
¢	1 Programme	
	2 Programme	
	3 Programme	
	4 Programme	VTD V
CH+/	대 Page Up/Down 1/1	ок Select

Program information

If the source is selected as DTV, you can press the 'DISPLAY' button to display the channel information. The program information window looks like this:

1	ABC HDTV	00:10 Wed. No	v 15 2006			
00:0	11 - 00:15	We Are From	- France	Education/Sci	encelFaAge.00	
720p	MPEG	Dolby D	DTV	HD		
			English	Subtitle	Teletext	
Looks	at what it is like to live	In other European countr	ies. Each episode is	presented by childre	n from each country, an	d .
covers	every aspect of daily	life from food to earthqui	ikes.			

EPG (Electronic Programm Guide)

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

		7 Day TV GUIDE
0815 - 09:03 Likainen Len Mike tu Davidin nousuveden	07 Dec 2005 itki, onko mastyöläise vangiksi. Stereo.	HoveyCrama n kuslemala yhteyttä kikuisin eläinten kuslemiin. Alfred saattaa
07 Dec 2005 08:38:	16	07 Dec 2005
1 YLE TV1	08:15-09:03	Sydamen aslala Nor
2 YLE TV2	09:05-09:13	No Information Nex
3 YLE FST	0915-0929	Koulu-tv. Näin tehtin Ullakkokomppania
4 YLE24	09:30-09:58	No Information
5 YLE Teema	10:00-10:04	Tx-outliset
	10:05-10:26	No Information
	10:30-10:58	FST: Elimantaito
	10.58-11:00	FST: Tate Modern: Eri ulottuvuudet
- H	Cheve view	Prev Day Rest Day

Press the YELLOW button to view the previous day. Press the BLUE button to view the next day.

Press $\blacktriangle \nabla$ to select a channel. Press the 'i' button on the remote control for more information about the program. Press \bowtie to exit the guide.

USB Features (USB-kenmerken)

The TV is equipped with a USB port to upgrade software and play media files.

Pay attention:

- 1. If possible, connect USB devices directly to a USB slot.
- 2. If possible, do not use USB cables that are longer than 25 cm.
- 3. Before using the Media menu, connect the USB device and then press the INPUT button to set the input source to the media.

Press the INPUT button on your remote control and select USB as the input source.



Use the $\Delta \nabla$ keys to select your choice and confirm with $\mathbf{O}\mathbf{k}$.



USB Features (Photo)

Use the \triangleleft buttons to select menu PHOTO and confirm with \bigcirc . Press \bigcirc to return to the previous menu. Press \bigcirc to exit the menu.



Press \triangleleft to select the file you want to view in the selection menu, and then press \bowtie to display the image.

When you use the selected option, the file information appears on the right side of the image.



USB Features (Music)

Use the ◀▶ buttons to select menu MUSIC and confirm with . Press to return to the previous menu. Press to exit the menu.



Press \triangleleft to select the hard drive you want to view, and then press \odot to open. Press \odot to return to the previous menu.



USB Features (Movie)

Use the \triangleleft buttons to select menu MOVIE and confirm with \bigcirc . Press \bigcirc to return to the previous menu. Press \bigotimes to exit the menu.



Press \blacktriangleleft to select the hard drive you want to view, and then press to open.

Press **ok** to select the movie that you want to see.

Press the DISPLAY button to select the menu that you want to run in the background, and then press or to confirm the selection.

Press 🕬 to return to the previous menu. Press 🕅 to exit the menu.



Note:

The images related to the function are only for reference.



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 х 576р	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	 Make sure the power cord is plugged in. The batteries in the remote control may be drained; replace the batteries.
No picture, no sound	 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	 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	 Check if the cables are connected properly. Move any infrared equipment away from the TV.
No audio	 Make sure the volume is not turned off or set to minimum.
Photos, videos and music from a USB device are not displayed	 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.

Useful Information and Licences

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.

Useful Information and Licences



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

HKC Europe BV is a seller of a wide range of monitors and TVs. They have their sales office in Eindhoven and serve the European market from there. The range consists of:

- Monitors from a portable 13 inch side screen to a 49 inch super fast gaming monitor
- TVs from a portable version with a 7 inch screen up to a 65 inch 4K Smart TV with Google Assistant

So HKC Europe has the right screen for every user and every occasion.



HKC

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

