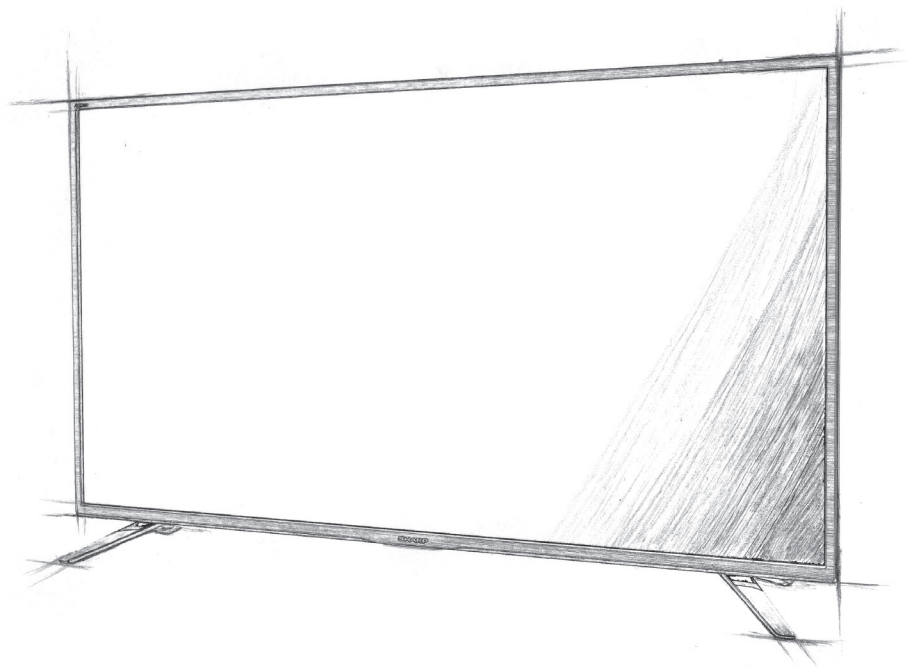


# SHARP



## User manual

LC-43UI8652E

LC-49UI8652E

LC-55UI8652E

LC-43UI8872ES

LC-49UI8872ES

LC-55UI8872ES

EN

DE

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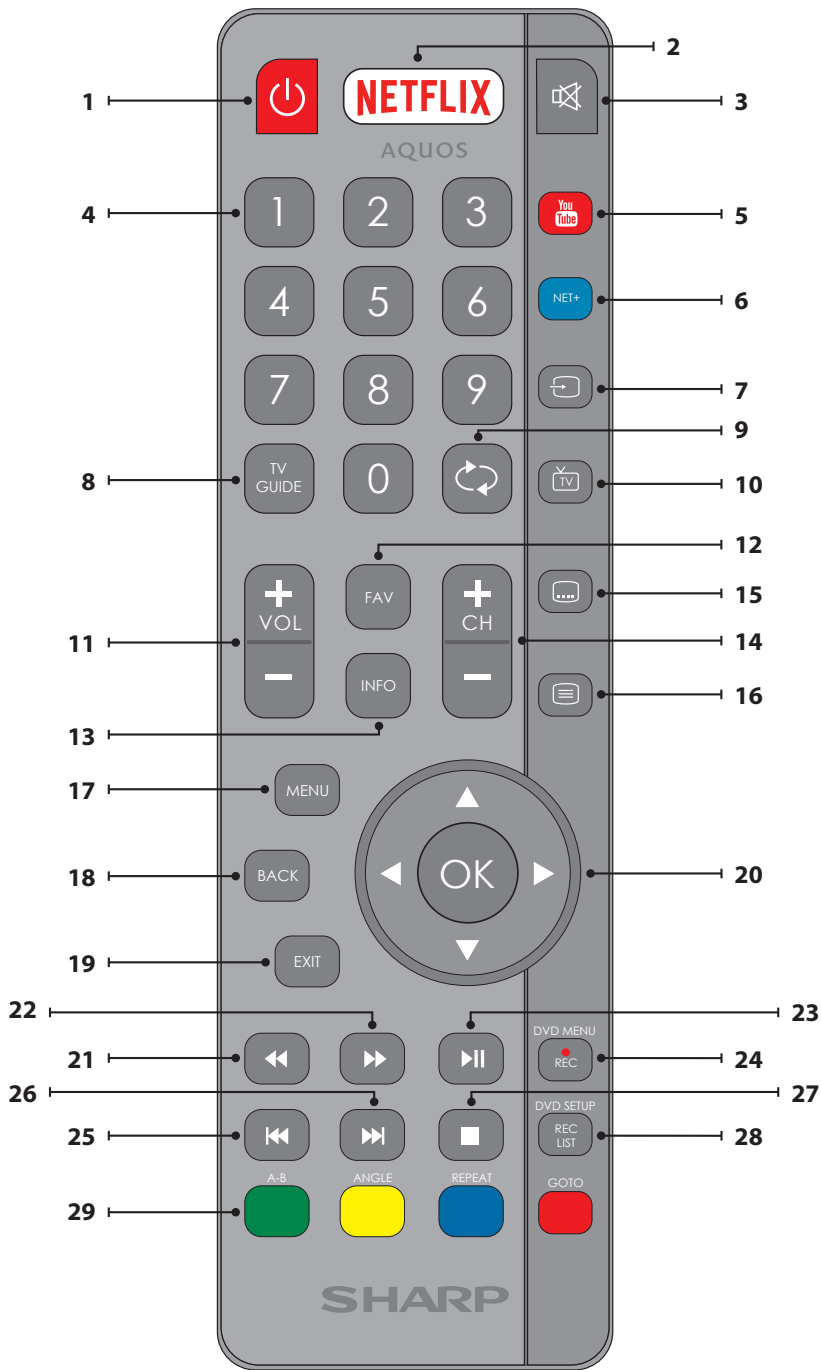
IT

ES

PT

PL

NL



## Important safety instructions



**Please, read these safety instructions and respect the following warnings before the appliance is operated:**

**In order to prevent fire always keep candles and other open flames away from this product.**



- Storms are dangerous for all electric appliances. If the mains or aerial wiring is struck by lightning the appliance might get damaged, even if it is turned off. You should disconnect all the cables and connectors of the appliance before a storm.
  - To clean the screen of the appliance use only a damp and soft cloth. Use only clean water, never detergents and in no case use solvents.
  - Position the TV close to the wall to avoid the possibility of it falling when pushed.
  - **WARNING** - Never place a television set in an unstable location. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
    - Use cabinets or stands recommended by the manufacturer of the television set.
    - Only use furniture that can safely support the television set.
    - Ensure the television set is not overhanging the edge of the supporting furniture.
    - Not place the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
    - Not place the television set on cloth or other materials that may be located between the television set and supporting furniture.
  - Educate children about the dangers of climbing on furniture to reach the television set or its controls.
  - Ensure that children do not climb or hang onto the TV.
  - If your existing television set is being retained and relocated, the same considerations as above should be applied.
  - The instructions shown below are a safer way to set up the TV, by fixing it to the wall and will avoid the possibility of it falling forwards and causing injury and damage.
  - For this type of installation you will need a fastening cord
    - A) Using one/both of the top wall-mounting holes and screws (the screws are already supplied in the wall mounting holes) fasten one end of the fastening chord/s to the TV.
    - B) Secure the other end of the fastening chord/s to your wall.
  - The software on your TV and the OSD layout can be changed without notice.
  - **Note:** In case of electrostatic discharge (ESD) the apparatus may show incorrect function. In such case, switch the TV off and back on. The TV will work normally.
- Warning:**
- Do not use TV set directly after unpacking. Wait until TV warms up to the room temperature before using it.
  - Never connect any external devices to a live appliance. Switch off not only the TV but also the devices which are being connected! Plug the TV plug into the wall socket after connecting any external devices and the aerial!
  - Always make sure there is free access to the TV mains plug.
  - The appliance is not designed for a use in a workplace fitted with monitors.
  - The systematic use of headphones at high volume might lead to irreversible hearing damage.
  - Ensure environmental disposal of this appliance and any components including batteries. When in doubt, please, contact your local authority for details of recycling.
  - While installing the appliance, do not forget that furniture surfaces are treated with various varnishes, plastics, etc. or they might be polished. The chemicals contained in these products might have a reaction with the TV stand. This could result in bits of the material sticking to the furniture surface, which are difficult to remove, if not impossible.
  - The screen of your TV has been produced under top quality conditions and was checked in detail for faulty pixels several times. Due to the technological properties of the manufacturing process, it is not possible to eliminate the existence of a small number of faulty points on the screen (even with maximum care while in production). These faulty pixels are
- Television sets with 43"size screens or more must be lifted and carried by at least two people.
  - This TV does not contain any parts which could be repaired by the user. In case of a fault, contact the manufacturer or the authorised service agent. Contact with certain parts inside the TV might endanger your life. The guarantee does not extend to faults caused by repairs carried out by unauthorized third parties.
  - Do not remove the rear part of the appliance.
  - This appliance is designed for the receiving and reproduction of video and sound signals. Any other use is strictly forbidden.
  - To disconnect the TV from mains please unplug the mains plug from the mains socket.
  - If the supply cord is damaged, it must be replaced by the manufacturer, a service agent or similarly qualified persons in order to avoid a hazard.
  - The ideal distance to watch TV is approximately five times longer than the diagonal of the screen. Reflections on the screen from other light sources can make the quality of the picture worse.
  - Ensure the TV has sufficient ventilation and is not close to other appliances and other pieces of furniture.
  - Ensure a minimum distance of 5 cm around the apparatus for sufficient ventilation.
  - Ensure that the ventilation openings are clear of items such as newspapers, table-cloths, curtains, etc.
  - The TV set is designed to be used in a moderate climate.
  - Do not expose the TV to dripping or splashing liquid.
  - The TV set is designed exclusively for operation in a dry place. When using the TV outside, please, make sure it is protected against moisture (rain, splashing water). Never expose to moisture.
  - Do not place any objects, containers filled with liquids, such as vases, etc. on the TV. These containers might get pushed over, which would endanger electric safety. Place the TV exclusively on flat and stable surfaces. Do not place any objects such as newspaper or blankets, etc. on or under the TV.
  - Make sure the appliance does not stand on any power cables as they might get damaged. Mobile phones and other devices such as WLAN adapters, monitoring cameras with wireless signal transmission, etc. might cause electromagnetic interference and they should not be placed near the appliance.
  - Do not place the appliance near heating elements or in a place with direct sunlight as it has a negative effect on cooling of the appliance. Heat storage is dangerous and it can seriously reduce the lifetime of the appliance. In order to ensure the safety, ask a qualified person to remove the dirt from the appliance.
  - Try to prevent damage to the mains cable or mains adapter. The appliance can only be connected with the supplied mains cable/ adapter.

not considered faults in terms of guarantee conditions, if their extent is not greater than the boundaries defined by DIN norm.

- The manufacturer cannot be held responsible, or be liable, for customer service-related issues related to the third party content or services. Any questions, comments or service-related inquiries relating to the third party content or service should be made directly to the applicable content or service provider.
- There are a variety of reasons you may be unable to access content or services from the device unrelated to the device itself, including, but not limited to, power failure, the Internet connection, or failure to configure your device correctly. Universal Media Corporation, its directors, officers, employees, agents, contractors and affiliates shall not be liable to you or any third party with respect to such failures or maintenance outages, regardless of cause or whether or not it could have been avoided.
- All third party content or services accessible via this device is provided to you on an "as-is" and "as available" basis and Universal Media Corporation and its affiliates make no warranty or representation of any kind to you, either express or implied, including, without limitation, any warranties of merchantability, non-infringement, fitness for a particular purpose or any warranties of suitability, availability, accuracy, completeness, security, title, usefulness, lack of negligence or error-free or uninterrupted operation or use of the content or services provided to you or that the content or services will meet your requirements or expectations.
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### Important information regarding use of video games, computers, captions and other fixed image displays.

- The extended use of fixed image program material can cause a permanent "shadow image" on the LCD screen (this is sometimes incorrectly referred to as "burnout to the screen"). This shadow image is then permanently visible on the screen in the background. It is irreversible damage. You can avoid such a damage by following instructions below:
- Reduce the brightness/contrast setting to a minimum viewing level.
- Do not display the fixed image for a long period of time. Avoid displaying of:
  - » Teletext time and charts,
  - » TV/DVD menu, e.g. DVD contents,
  - » In the „Pause“ mode (hold): Do not use this mode for a long time, e.g. while watching a DVD or a video.
  - » Turn off the appliance if you are not using it.

### Batteries

- Observe the correct polarity when inserting the batteries.
- Do not expose batteries to high temperatures and do not place them on locations where the temperature might increase quickly, e.g. near the fire or on the direct sunshine.
- Do not expose batteries to excessive radiant heat, do not throw them into the fire, do not disassemble them and do not try to recharge un-rechargeable batteries. They could leak or explode.
  - » Never use different batteries together or mix new and old ones.
  - » Dispose of batteries in an environmentally friendly way.
  - » Most of the EU countries regulate the disposal of batteries by law.



### Disposal

- Do not dispose of this TV as unsorted municipal waste. Return it to a designated collection point for the recycling of WEEE. By doing so, you will help to conserve resources and protect the environment. Contact your retailer or local authorities for more information.



### CE Statement:

- Hereby, UMC Poland Sp. z o.o. declares that this LED TV is in compliance with the essential requirements and other relevant provisions of RED Directive 2014/53/EU. The full text of the EU declaration of conformity is available by following the link: <https://www.sharpconsumer.eu/documents-of-conformity/>

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## What is included in the box

### Supply of this TV includes following parts:

• 1x TV	• 1x RF cable
• 1x Remote control	• 1x TV stand installation packet
• 2x AAA batteries	• 1x User guide
• 1x mini component adapter cable	• 1x mini composite adapter cable
• 1x mini SCART adapter cable	• 1x power cable

## Attaching the Stand

Please follow the instructions on last page of this user manual.

## Wall mounting the TV

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.

## Getting started - initial set up

1. Using the RF cable supplied, connect the TV to the TV Aerial wall socket.
2. For connecting to the Internet with a wired connection connect a Cat 5/Ethernet cable (not included) from the TV to your broadband modem/router.
3. Insert the batteries supplied into the Remote control.
4. Connect the power cable to the Electrical outlet.
5. Usually the TV is supplied with a pre-paired remote control. If the TV does not respond to remote control commands, follow the instructions below.
 

Pairing the remote control:

  - a) If the TV turns on automatically and the "First Time Installation" window appears on the screen, press and hold for a few seconds **blue and yellow** buttons on the Remote control. The power indicator will blink 5 times, that would confirm the pairing of TV and remote control is completed.
  - b) If the TV does not automatically turn on:
    - you need to power it on by pressing of standby key located on the TV (not the remote control).
 After TV started up, press once again a standby button, then "pairing menu" will appear.
 

Scroll the cursor down using the buttons CH+/CH-, to select "Pair again", and confirm it by pressing standby button one more time. Simultaneously press and hold for a few seconds blue and yellow buttons on the Remote control. The power indicator will blink 5 times, this confirming the pairing of the TV and the remote control completed.

 Now proceed with next steps to configuring the TV.
6. You will be now welcomed with the **First Time Installation** screen. If it does not appear, on the remote control, please press [MENU] then 8-8-8-8 and the menu will appear.
 

If you wish to make changes to any of the default settings, use the

scroll ▲/▼/◀/▶ buttons. To exit this menu at anytime, press [EXIT] button.

7. **Please set desired settings in First Time Installation screen.**

**STEP 1** - Set the TV Menu language.

**STEP 2** - set your country

**STEP 3** - Set type of network connection. If you wish to skip this step and connect TV to network later, please choose Skip Network Setting

**STEP 4** - Select the location of TV. For home use, please select Home. For shop demonstration mode, set Store.

**STEP 5** - choose if your TV has stand, or if it is mounted on the wall. TV will set optimal audio settings for selected option.

**STEP 6** - choose input source which you want to use. If you have connected RF cable directly to TV, choose DTV. If you have satellite directly connected to your TV, choose DVB-S\*. In case you are using set-top-box, please pick correct input to which it is connected.
8. If you selected in last step DTV or DVB-S2, you will be asked if you want to tune channels. If you choose "No", you can tune channels later from SETTINGS/CHANNEL menu. If you choose "Yes", tuning menu will appear.
 

**Digital TV (DTV) tuning:** In DVB Antenna, please choose which type of signal you have. Terrestrial (DVB-T) or Cable (DVB-C). Then enter Auto tuning and set your desired settings. Again choose Auto tuning to start tuning of channels.

**Satellite (DVB-S2) tuning:** Enter Auto Tuning and enter Satellite. Here you can choose between the various satellites. Select satellite which you wish to tune by pressing OK button on remote control. Then return to previous menu by pressing BACK button on your remote control and choose Auto tuning to start tuning of channels.

**NOTE:** To shorten tuning time of satellite channels, some countries have preinstalled channel list for most popular satellite in that region. If this is the case for your selected country, you will be asked if you wish to load preinstalled channel list. If you choose "Yes", satellite channel list will be imported to your TV within few seconds.

**TIP:** If you are missing channels, the reason for this is likely to be signal strength, you should consider connecting signal booster and re-tuning the TV.

## Remote control

**Radio controlled remote control - No more aiming in the TV direction!**  
Refer to remote control picture on the second page of this user manual.

1. **⏻ STANDBY** – Switch on TV when in standby or vice versa.
2. **NETFLIX** – Displays NETFLIX menu.
3. **🔇 MUTE** – Mute the sound or vice versa.
4. **0 – 9** – to select a TV channel directly.
5. **YouTube** – Displays YouTube application.
6. **NET+** – Displays AQUOS NET+ menu.
7. **SOURCE** – To display the input/source menu.
8. **TV GUIDE** – Opens the 7 Day TV Guide (Digital mode).
9. **↺** – To return to the previous channel viewed.
10. **DTV** – Switch to digital TV source.
11. **VOL ▲/▼** – To increase/decrease the sound level.
12. **FAV** – To display favourites menu.
13. **INFO** – Press once for now/next channel information. Press twice for programme information about current programme.
14. **CH ▲/▼** – To increase or decrease the channel being watched.
15. **SUBTITLE** – To switch the dialogue at the bottom of the screen (on/off).
16. **TELETEXT** – Teletext mode - To enter Teletext
17. **MENU** – To display OSD menu.
18. **BACK** – Back to previous menu.
19. **EXIT** – To exit all menus.
20. **(▲/▼/◀/▶/OK)** – Allows you to navigate the on-screen menus and adjust the system settings to your preference. Press ▲ to change picture mode during watching TV. Press ▼ to change sound mode during watching TV.

21. ◀◀ – To play in fast rewind mode.
22. ▶▶ – To play in fast forward mode.
23. ⏸ – To play/pause
24. **Rec1** – PVR Record
25. ⏮ – To restart the current chapter
26. ⏭ – To advance forward to the next chapter
27. ■ – To stop the playback
28. **Rec List**<sup>1</sup> – Opens the list of recordings.
29. **COLOUR BUTTONS** – Additional teletext and OSD functions

<sup>1</sup> - available only with PVR function

## TV buttons

**Vol+** Volume up and menu right

**Vol-** Volume down and menu left

**CH+** Programme/Channel up and menu up

**CH-** Programme/Channel down and menu down

**MENU** Displays Menu/OSD

**SOURCE** Displays the input source menu

**STANDBY** Standby Power On/Off

## Choosing Mode Input/Source

To switch between the different 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 buttons\* on the Television:

1. Press [SOURCE].
2. Scroll up/down using VOL+ /VOL- buttons to the input/source you require.
3. Press [SOURCE] to change input/source to the one selected.

## Connections

Please see the table for connector types for different models available on the page 68.

	<b>USB</b> USB 2.0 input 1, 2; USB 3.0 input 3
	<b>HDMI 1, 2 (ARC), 3 in</b> HDMI2.0-Input 1, 2, 3
	<b>SD Card reader</b> SD Card Input
	<b>Mini AV</b> Video Input & Component/Video audio input
	<b>Mini YPbPr</b> Mini Component HD Input
	<b>Mini SCART</b> Mini SCART-Input
	<b>CI Card IN</b> CI input
	<b>RF In</b> RF/TV Aerial Input

	<b>Sat In</b> Satellite Input
	<b>Digital Optical Audio Out</b> Digital optical output
	<b>RJ 45</b> Ethernet
	<b>HEADPHONES</b> 3.5mm Headphone output
	<b>D-link</b> service input only

## TV Menu navigation

To access this menu, press [MENU] button on the remote control. To enter a 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.

## Netflix

World's leading Internet television network. It is offering thousands of movies and TV shows, including original series, documentaries and feature films. Members can play, pause and resume watching, all without commercials or commitments. You can log in to this application with your existing Netflix account. If you do not have Netflix account yet, you can register via this app or via official Netflix website.

## YouTube

Videosharing app allows you to discover and watch originally-created videos.

**NOTE:** For Youtube app to work, it is required to have set up correct date and time in TV. For more information about setting up date/time in TV, please refer to the TIME menu chapter of this user guide. Please ensure that your network is not blocking access to YouTube and the speed of your internet connection is fast enough for viewing YouTube content.

## More Apps

Contains the most commonly used apps for quick and easy access.

**AQUOS NET+** - Opens the Sharp SMART portal.

**Weather** - Weather forecasting app AccuWeather.

**Browser** - Application for accessing websites via the internet. 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

## Sources

From this menu, you can switch your TV input signal to different source/connected device.

## Media

**USB** - Multimedia mode offers the playback of various content saved on a USB Memory Stick. The content will be divided into various file types: Photo, Music and Movie. The 'File Option' will show and allow you to play all types of supported content.

1. You can navigate through the menu using the scroll ▲/▼/◀/▶ buttons. To confirm the item you wish to play/view press [OK] button.
2. While viewing content you can control the playback modes using the remote control buttons or by bringing up the playback navigation menu and selecting on-screen buttons ▲/▼/◀/▶ and [OK]

**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.

**Miracast\*** - Allows you to view content from your smart phone or tablet on the TV screen. Miracast is formed using Wi-Fi Direct, so access to a Wi-Fi network is not needed. You can share content from your smartphone or tablet based on Android 4.4 and newer system.

**Media Server** - Automatically searches for digital media servers (DMS) connected to your home network and enables the playback and rendering of content from media servers

\* - **This function is only available on selected smartphones and notebooks.**

## PICTURE

**Picture Mode** - Choose from the following presets.

- **Standard** - Default settings
- **Movie** - Set to be lighter in colour and less bright.
- **Personal** - Lets you manually alter all the settings.
- **Eco** - Consume 15% less energy.
- **Dynamic** - Recommended settings for fast moving pictures.

**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.

**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.

**Aspect Ratio** - Picture format varies depending on the channel/broadcast.

There are a number of different options to best meet your needs.

- **Auto** - Automatically displays the best picture format. So the picture is in the correct position. May have black lines 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.
- **16:9** - Fills the screen with a regular 16:9 signal.
- **Zoom 1/2** - The picture is the correct proportion but zoomed in to fill the screen.
- **Dot by Dot (HDMI)** - Will display the picture in its original resolution without any change.
- **Full Screen** - Stretch signal to fill the screen.

**Expert Settings**

- **Noise Reduction** - Filters and reduces the noise (interference) of the picture.
- **Active Contrast** - Automatically optimises the 'backlight' and 'contrast' of the picture according to the brightness of the screen.
- **Backlight** - Adjust the screen's brightness by increasing/decreasing the panel's backlighting.
- **Gamma** - Adjust the tones between the bright and dark parts of the picture.
- **Red** - Adjust red tone of the picture

- **Green** - Adjust green tone of the picture
- **Blue** - Adjust blue tone of the picture
- **Motion Enhancement** - Makes picture movement and movement of objects in the picture smoother. Use Motion Enhancement to view fast-action video more clearly.
- **CMS Hue** - This is a standard to adjust the colour either more reddish or more bluish in tone.
- **CMS Value** - A higher value makes the image brighter. A lower value makes the image darker.
- **CMS Saturation** - Increases or decreases the saturation of a selected colour.

## SOUND

**Sound Mode** - Choose from the following presets

- **Standard** - Default settings
- **Music** - Emphasises music over voices
- **Movie** - Provides live and full sound for movies
- **Personal** - Selects your personal sound settings
- **Sports** - Emphasises sound for sports

**Equalizer** - Adjusts the volume of different sound frequencies. The equalizer sound levels can only be adjusted when the sound mode 'Personal' is selected.

**Headphones**

- **HP+TV** - option to play sound from TV speakers and headphones simultaneously.
- **Volume** - adjust volume for headphones.

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

**Auto Volume Level (AVL)** - When 'on' is selected, the volume will stay at a constant level regardless of input/source.

**DTS TruSurround** - Allows you to turn surround sound effect ON or OFF.

**Digital Output** - This is the digital Audio output.

Choose from the following options:

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

**Audio Description** - Additional sound track for visually impaired. Available only on selected DTV shows.

**AD Volume** - to adjust volume of Audio Description sound track

**AudioTrack** - allows you to choose different audio/ language for Digital TV or media.

**Audio Delay (ms)** - Enables the user to adjust sound setting to sync picture and audio for TV speakers.

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

## SETTINGS

### CHANNEL

**DVB Antenna** - Set the type of DTV signal

- **Terrestrial** - Terrestrial (DVB-T)
- **Cable** - Cable (DVB-C)

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

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

**Digital Manual Tuning** - Allows you to manually tune your digital signal.

**Channel Edit** - Allows you to delete, skip and add favourite channels.

- **Red Button** - delete selected channel.
- **Yellow Button** - Move selected channel. Go with cursor to channel, which you wish to move to different position, then

press YELLOW button. Now move selected channel with UP/DOWN arrow to desired position and press YELLOW button again to confirm its new position in channel list.

- **Blue Button** - Skip selected channel. Channels selected to Skip will not be displayed while pressing CH+ or CH- buttons.

**Signal Information** - Information about DVB signal.

**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).

**Sorting by LCN** - Set LCN to ON if you want to arrange channels by provider preferences (only applies to DVB-T and DVB-C channels).

**Channel Auto Update** - if you set this option ON, channel positions, names and frequencies will be periodically updated by the provider. This may cause issues if you ordered channels in the list of channels by yourself. In such case we recommend to keep this option off.

**Recorded list\*** - List of recorded TV shows.

**Schedule List** - Lists your programme reminders.

**Satellite Setup** - This menu is only available in DVB-S2 mode. You can select the type of satellite, your transponder and your LNB type, etc.

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

\* - **Only for devices with built in PVR function**

## NETWORK

**Network Configuration** - First you will need to select your connection type. You can choose between either a Wi-Fi or Wire (cable) connection.

**NOTE:** For connecting to the Internet with a wired connection, connect a Cat 5/Ethernet cable (not included) from the TV to your broadband modem/router.

**IP config** - LAN network connection settings

- **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.

**Wi-Fi Configuration** - 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.

**NOTE:** The connection process may take a few minutes, please be patient. Every time the TV is then powered on it will automatically connect to the network, this may also take some time.

**Network Info** - Information about the network settings

**Network Test** - A network connection test

## TIME

**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.

**Auto standby** - Adjustment for the auto standby in hourly increments: Off -> 3h -> 4h -> 5h.

**Time Zone** - Change your current time zone.

## LOCK

**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. Use the ▶ button to clear. Default password is 0000.

**Set Password** - Change the default password.

**Channel lock** - Lock specific TV channels.

**Parental Guidance** - Lock TV channels based on age restriction.

**Key lock** - Allows you to lock the buttons of the TV set.

**Source Lock** - Allows you to hide selected inputs from the source menu.

**Hotel Mode** - Advanced settings for hotels.

## SETUP

**Language** - Allows you to change the language of the menu.

**Audio Languages** - Allows you to change audio language on selected DVB channels.

**Subtitle Language** - Allows you to change subtitles language on selected DVB channels.

**Hearing Impaired** - If signal provides support for the hearing impaired, the subtitles can be played by pressing the "Subtitle". If you set Hearing Impaired ON and switch to a channel with supports for hearing impaired subtitles will be activated automatically.

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

**PVR File System** - PVR Recording options\*

- **Select disk** - Select USB port and disk partition
- **TimeShift Size** - Set size time of shift buffer.
- **Format** - You can format connected USB storage device to FAT 32 file system.
- **WARNING: ALL DATA ON THE USB DEVICE WILL BE DELETED**
- **Speed** - Tests write speed of connected USB storage devices.

\* - **only for devices with built in PVR function**

**First Time Installation** - Starts the first time installation.

**Software Update (USB)** - From time to time we may release new firmware to improve the operation of the television (available to download). This menu lets you install the new software/firmware onto the television. Further details of how to do this will be issued with the firmware. Contact the helpline or refer to the 'www.sharp.eu/av' website.

**Software Upgrade (NET)** - Allows for the TV software to be updated over the Internet. This function will search for new software and update it when necessary.

**NOTE:** The TV will automatically search for new releases of software every time it is turned on. If new software is found, it will ask you if you would like to download and install it. If you select "Yes" the TV will upgrade to the latest software.

**WARNING:** Do not turn off the TV's power until the upgrade is complete!

**Reset TV** - This resets the menus to factory settings.

**HDMI CEC\*** - Allows you to operate devices connected via HDMI with TV remote control.

- **Device list\*** - Allows you to access devices menu and operate the menu using TV remote control.
- **HDMI CEC** - enable/disable HDMI CEC function
- **Auto standby\*** - Automatically turn on/off connected devices via HDMI CEC
- **HDMI ARC\*** - Sends audio signal from terrestrial/satellite broadcast via HDMI to the AV receiver without using any additional audio cables, this functions is available only on HDMI 2 output.

\* - **HDMI CEC must be supported by connected device.**

**HDMI EDID** - transmits the TV set's capabilities (resolution, audio support etc.) directly to the devices connected via HDMI. This item allows you to switch modes of selected HDMI input between HDMI and HDMI2.0 mode.

- **Standard** - recommended if the TV is connected to a device with a HDMI 1.4 output or lower, for example Full HD Blu-Ray player, DVD player or gaming console.
- **Enhancement** - recommended if the TV is connected to a device with a HDMI 2.0 output, for example 4K Blu-ray player or modern PC.



**Bluetooth** - allows you to pair yours TV with bluetooth audio device (for example: headphones, soundbars, etc.)

- **Bluetooth** - allows you to turn on/off bluetooth function.
- **Scan devices** - activates search for bluetooth devices in the area.

**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).

**HbbTV** - Allows the user to switch HbbTV on/off. To use HbbTV, TV must be connected to the internet and watched channel must support HbbTV service.

**Version Info** - shows version of TV software

**Source Edit** - this allows user to manually rename items in your list of input sources. For example, you can rename inputs to the names of connected devices.

## AQUOS NET+

To access the AQUOS NET+ Menu at any time press the NET+ button on the remote control or select it from More Apps menu.

**NOTE:** Please wait while the TV connects to the Wi-Fi network.

It may take a few minutes after you switch on the TV.

Navigate the menu using the scroll ▲/▼/◀/▶ buttons. To confirm the item you wish to play/view press [OK] button. For 'one-step' back press [Menu] button, and to access additional functions use the coloured buttons. To leave AQUOS NET+ press [EXIT] button.

**Home** - Home screen with recommended movies and recently opened applications

**All Apps** - Opens a list of available applications

**Movies** - Opens a list of available movies

**TV Shows** - Opens a list of available TV shows

**Music** - Opens a list of available Music and Music videos

**Games** - List of games and gaming related apps.

**Sport** - List of sport related apps.

**News** - List of news apps.

**Search** - search for app by entering its name or part of the name.

**My apps** - By adding apps to the "My Apps" list, you will be able to quickly access your favourite apps. To add an app to the list, simply highlight any app and press the green button, this will now appear in your "My apps" list. To remove an unwanted app from the "My Apps" list, you must highlight the app you want to delete and press GREEN button.

**Settings** - In the settings menu you can change the language of the Aquos NET+ portal, set up a filter for applications specific to the language selected and reset all user settings back to the default settings.

**RESET OF USER SETTINGS:** If you wish to completely reset all user settings on AQUOS NET+, you must first enter the Settings menu of the portal and select "Reset your device". Please select YES with cursor and then press OK on the remote control to confirm the reset of the settings.

**NOTE:** To meet our customers' demands, we are improving our products. As a result of our ongoing efforts new applications will be added continuously to the AQUOS NET+. Applications and content in AQUOS NET+ can be changed without notice. Some of the functions and content may not be available in your country.

## 7 Day TV Guide

TV Guide is available in Digital TV mode. It provides information about forthcoming programmes (where supported by the Digital 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]. The following 7 Day TV Guide will appear.
2. Navigate through the menu using ▲/▼/◀/▶.

**You can now:**

- Record selected TV channel and TV show by pressing the RED button.\*
- Set a reminder by pressing GREEN.

View a previous day by pressing YELLOW.

View the next day by pressing BLUE. [INFO] shows detailed information about the selected post

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

\* - only for models with recording function

## USB Record - Digital mode\*

Built into this television is a USB record facility. This function is available in Digital 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).
- Minimum Specification - USB Memory Stick
- **Read Speed** - 20 Mb/s (Megabit Per Second)
  - **Write Speed** - 6 Mb/s (Megabit Per Second)

## 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 channel that you are watching. To do this you need to press the [REC] button.

**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 TV mode.

Due to copyright laws and illegal copying/recording it is not possible to record to/from any other input/output source.

\* - only for devices with built in PVR function

## HDR (High Dynamic Range)

HDR video removes some of the limitations of a standard video signal and shows the image built from a wider gamut of colour and brightness.

**NOTES:**

- HDR function will activate automatically if an HDR signal is detected, provided that HDMI EDID has been set to "Enhancement" in the 'SETUP' menu.
- This television can display HDR content via the HDMI or USB inputs.
- If you are connecting via one of the HDMI ports, the external device must also support HDR, HDMI2.0 and be playing HDR mastered content.
- This device does not support HDR content from inbuilt apps such as Netflix or YouTube.

## Product fiche

Trademark	SHARP		
Model	LC-43UI8652E LC-43UI8872ES	LC-49UI8652E LC-49UI8872ES	LC-55UI8652E LC-55UI8872ES
Energy efficiency class	A	A	A
Visible screen size (diagonal)	43" / 109cm	49" / 123cm	55" / 139cm
On-mode power consumption	69,0 W	89,0 W	110,0 W
Annual energy consumption*	101 kWh	130 kWh	161 kWh
Standby power consumption**	<0,50 W	<0,50 W	<0,50 W
Off mode power consumption	N/A		
Screen resolution	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)	3840 (H) x 2160 (V)

\* - Energy consumption XYZ kWh per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.

\*\* - when the TV is turned off with the remote control and no function is active

# Technical specification | Technische Angaben | Spécification technique | Specifiche tecniche | Especificación técnica | Especificação técnica | Dane techniczne | Technische specificaties




Model	TUNER	HDMI Input	SD Card reader	USB Input	RF Input- (Analog /Digital)	Sat. Input	CI Card Input	Mini SCART Input	Mini AV - Composite/CVBS Video In. +R/L Audio in. for Composite/CVBS & Component/YpPr	Mini Component/YpPr Input	Optical Audio output	3.5 mm headphones output	RJ 45
LC-43UI8652E	T/T2/C/S2	x3	x1	x3	x1	x1	x1	x1	x1	x1	x1	x1	x1
LC-49UI8652E	T/T2/C/S2	x3	x1	x3	x1	x1	x1	x1	x1	x1	x1	x1	x1
LC-55UI8652E	T/T2/C/S2	x3	x1	x3	x1	x1	x1	x1	x1	x1	x1	x1	x1
LC-43UI8872ES	T/T2/C/S2	x3	x1	x3	x1	x1	x1	x1	x1	x1	x1	x1	x1
LC-49UI8872ES	T/T2/C/S2	x3	x1	x3	x1	x1	x1	x1	x1	x1	x1	x1	x1
LC-55UI8872ES	T/T2/C/S2	x3	x1	x3	x1	x1	x1	x1	x1	x1	x1	x1	x1

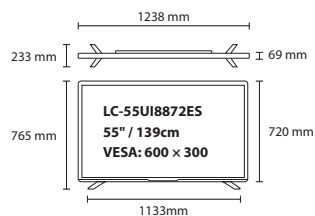
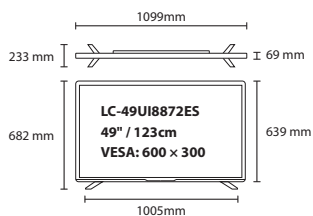
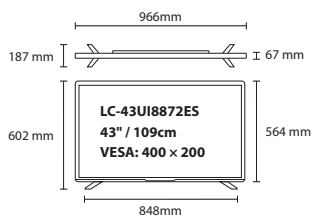
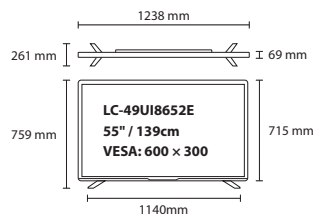
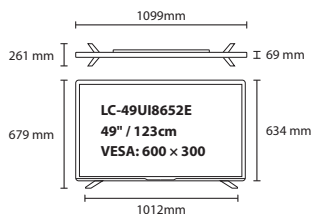
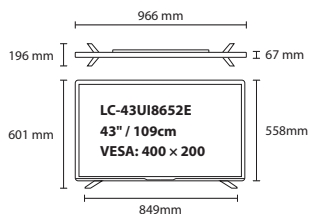


4K  
RESOLUTION



SOUND SYSTEM BY  
harman/kardon

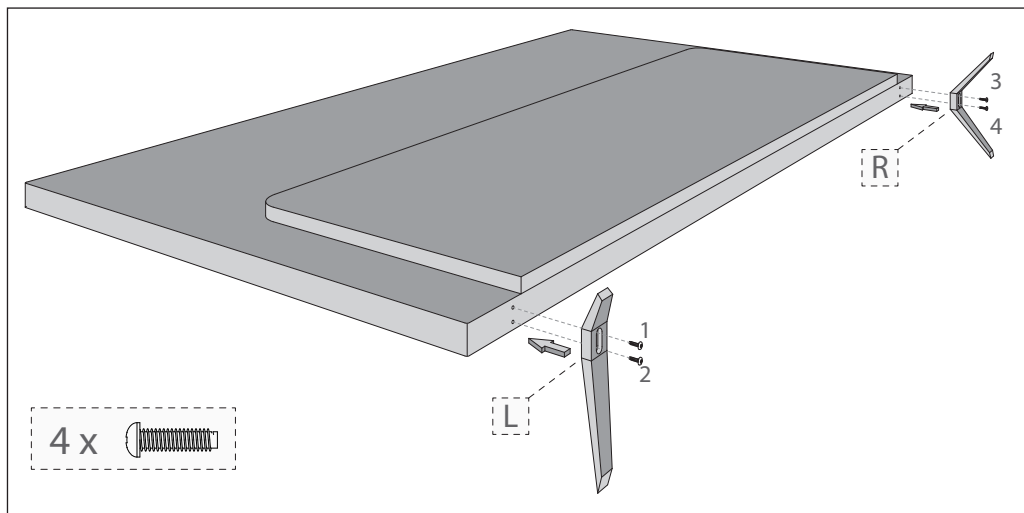
Model   Modell   Modèle   Modello   Modelo   Modelo   Model   Model		
<b>LC-43UI8652E</b> <b>LC-43UI8872ES</b>	<b>LC-49UI8652E</b> <b>LC-49UI8872ES</b>	<b>LC-55UI8652E</b> <b>LC-55UI8872ES</b>
Audio power   Musikleistung   Puissance audio   Potenza audio   Potencia de audio   Potência de áudio   Moc dźwięku   Audio vermogen		
<b>2 x 10W</b>		<b>2 x 10W + 15W subwoofer</b>
Voltage   Spannung   Tension   Voltaggio   Voltaje   Voltagem   Napięcie   Spanning		
<b>AC 220V~240V; 50Hz;</b>		
Power consumption   Stromverbrauch   Consommation d'énergie   Consumo energetico   Consumo de electricidad   Consumo energético   Pobór mocy   Energieverbruik		
(Ecohome/Standard/Max/Standby/Annum); EEI   (Ecohome/Standard/Max/Standby/Jährlich); EEI   (Ecohome/Standard/Max/Standby/Annum); EEI   (Ecohome/Standard/Max/Standby/Anno); IEE   (Económica/Estándar/Máximo/En espera/Año); EEI   (Ecohome/Standard/Max/Standby/Annum); EEI   (Eco/Standard/Maks/Tryb czuwania/Rocznie); EEI   (Ecohome/Standard/Max/Standby/Annum); EEI		
69/95/115/ <0,5W / 101kWh; A	89/115/140/ <0,5W / 130kWh; A	110/145/180 <0,5W / 161kWh; A
		
3840 x 2160	3840 x 2160	3840 x 2160
		
43" / 109cm	49" / 123cm	55" / 139cm
		
300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>	300 cd/m <sup>2</sup>



**Stand Installation**  
**Ständermontage**  
**Installation du support**

**Installazione supporto**  
**Instalación del soporte**  
**Instalação do Suporte**

**Instalacja podstawy**  
**Installatie voet**



**English:** To assemble the base stand to the TV you will need a cross head screwdriver. To avoid damage to the TV screen during assembly ensure the TV is placed on a soft flat surface with the LCD screen facing downwards.

**Deutsch:** Zur Befestigung des Ständers am Fernsehgerät benötigen Sie einen Kreuzschraubendreher. Legen Sie das Fernsehgerät mit dem LCD-Bildschirm nach unten auf eine weiche, flache Oberfläche, um Schäden am Fernsehschirm zu vermeiden.

**Français :** Pour monter le support sur la TV, un tournevis pour vis cruciforme sera nécessaire. Pour éviter d'endommager l'écran TV pendant le montage, s'assurer que la TV est placée sur une surface plate, douce, avec l'écran LCD dirigé vers le bas.

**Italiano:** Per attaccare il supporto al televisore avete bisogno di un cacciavite a stella. Per evitare di danneggiare lo schermo del televisore durante l'operazione, assicuratevi che questo sia posizionato su una superficie piatta e morbida, con lo schermo LCD all'ingiù.

**Español:** Para instalar el soporte a la televisión, se necesita un destornillador de estrella. Para evitar dañar la pantalla de la televisión durante su montaje, asegúrese de colocar el aparato en una superficie plana suave con el panel LCD hacia abajo.

**Português:** Para montar o suporte da base do televisor necessitará de uma chave de fendas em cruz. Para evitar danos no ecrã do televisor enquanto estiver a montar, certifique-se de que o televisor se encontra colocado numa superfície suave e lisa, com o ecrã LCD voltado para baixo.

**Polski:** Żeby zamocować podstawę telewizora potrzebny jest śrubokręt krzyżowy. Żeby uniknąć uszkodzenia ekranu podczas montażu, ułóż telewizor na miękkiej, płaskiej powierzchni z ekranem LCD skierowanym do dołu.

**Nederlands:** Om de voet aan de TV te bevestigen bent u een kruiskop schroevendraaier nodig. Om schade aan de TV te voorkomen tijdens de assemblage plaats de TV op een zacht vlak oppervlak met het LCD scherm naar beneden gericht.

**Compatible files in USB Mode | Für den USB Modus geeignete Dateiformate | Fichiers compatibles en mode USB | File compatibili in modalità USB | Archivos compatibles en modo USB | Ficheiros compatíveis no Modo USB | Pliki kompatybilne w trybie USB | Compatibile bestanden in USB modus**

Media   Medium   Média   Mezzo   Medios   Media   Materialy   Media	Codec   Codec   Codec   Codec   Códec   Codec   Kodek   Codec	Resolution   Auflösung   Résolution   Risoluzione   Resolución   Resolução   Rozdzielczość   Resolutie	Data Rate   Data rate   Débit   Velocità di trasferimento dati   Velocidad de datos   Taxa de Dados   Przepływ danych   Data Rate	File Ext.   Dateirw.   Extension de fichier   Estensione del file   Extensión de archivo   Ext. do Ficheiro   Rozszerzenie pliku   Bestand Ext.
Movie   Film   Film   Film   Película   Filme   Filmy   Film	MPEG1/2	1080Px2@30fps 1080P@60fps	80Mbps	.DAT, .VOB, .MPG, .MPEG, .ts, .trp, .tp, .mp4, .mov, .3gpp, .3gp, .avi, .mkv, .asf
	MPEG4	1080Px2@30fps 1080P@60fps	40Mbps	.MPG, .MPEG, .mp4, .mov, .3gpp, .3gp, .avi
	XviD	1080Px2@30fps 1080P@60fps	40Mbps	.divx, .mp4, .mov, .avi, .mkv, .asf
	H.263	1080Px2@30fps 1080P@60fps	40Mbps	.mp4, .mov, .3gpp, .3gp, .av, .mkv
	H.264	3840x2160@30fps 1080P@60fps	135Mbps	.flv, .mp4, .mov, .3gpp, .3gp, .ts, .trp, .tp, .asf, .wmv, .avi, .mkv
	Motion JPEG	720P@30fps 1080P@30fps	10Mbps	.avi, .3gpp, .3gp, .mp4, .mov, .mkv, .asf
	VP8		20Mbps	.mkv, .webm
	HEVC VP9	4K2K@60fps 4K2K@30fps	100Mbps 100Mbps	.mp4, .mov, .mkv, .ts, .trp, .tp .mkv, .webm
Media	Codec	Sample rate   Sample Rate   Fréquence d'échantillonnage   Frequenza di campionamento   Velocidad de muestreo   Taxa de Amostra   Częstość próbkiowania   Sample rate	Data Rate	File Ext.
Audio   Musik   Musique   Musica   Music   Música   Muzyka   Muziek	MPEG1/2 Layer1, 2, 3	16KHz ~ 48KHz	32Kbps ~ 320Kbps	.mp3, .avi, .as, .divx, .mkv, .ts, .trp, .tp, .DAT, .VOB, .MPG, .MPEG, .wav
	AC3	32KHz, 44.1KHz, 48KHz	32Kbps ~ 640Kbps	.ac3, .avi, .mkv, .divx, .3gpp, .3gp, .mp4, .mov, m4a, .ts, .trp, .tp, .DAT, .VOB, .MPG, .MPEG, .rm, .rmvb
	EAC3	32KHz, 44.1KHz, 48KHz	32Kbps ~ 6Mbps	.ec3, .3gpp, .3gp, .mp4, .mov, m4a, .ts, .trp, .tp, .DAT, .VOB, .MPG, .MPEG
	AAC, HEAAC	8KHz ~ 48KHz	128bps ~ 320Kbps	.aac, .avi, .mkv, .divx, .3gpp, .3gp, .mp4, .mov, m4a, .ts, .trp, .tp, .DAT, .VOB, .MPG, .MPEG, .flv, .rm, .rmvb
	VORBIS	Up to 48KHz		.mkv, .webm, .3gpp, .3gp, .mp4, .mov, m4a, .ogg
Media	File   Datei   Fichier   File   Archivo   Ficheiro   Plik   Bestand	Resolution   Auflösung   Résolution   Risoluzione   Resolución   Resolução   Rozdzielczość   Resolutie		File Ext.
Photo   Foto   Photo   Foto   Foto   Foto   Zdję- cia   Foto	JPEG	15360x8640, (1920x8 x 1080x8)	Base-line	.jpg/.jpeg
		1024x768	Progressive	
	PNG	9600x6400	Non-interlace	.png
		1200x800	Interlace	
	BMP	9600x6400		.bmp
MPO	15360x8640, (1920x8 x 1080x8)	Base-line	.mpo	
	1024x768	Progressive		



SHA/MAN/0372



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Assembled in Poland

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