

55EH6E  
Ref: 4T-C55EH6EF2NB

# 55" 4K ULTRA HD SMART TV

The 55EH6E is a 4K Ultra High Definition Smart LED TV with exceptional picture quality.



## HIGHLIGHTS

- HDR10 support (High Dynamic Range)
- HARMAN/KARDON® Speaker System
- DTS:X immersive audio codec
- DTS Virtual:X 3D audio post processing
- AV1 codec for the highest streaming picture quality
- New user interface
- Screen Mirroring with mobile devices
- Bluetooth
- Micro SD Card reader
- HD Tuner DVB-T/T2/C/S/S2 (MPEG4 + 10-bit HEVC/H.265)
- Hotel Mode

Smart Ultra HD 55EH6E provides a wide range of connection possibilities. Four HDMI ports are able to receive a 2160p@60Hz signal, and two USB ports are ready for connecting a USB stick or hard disc drive with your favourite multimedia content.

HDR technology delivers better contrast and increased brightness, compared with standard TV sets, and DTS:X® surround sound technology together with harman/kardon speaker technology will introduce you to the world of cinematic sound.

Thanks to Smart capabilities, you can enjoy a suite of entertainment apps including Netflix, Prime Video, Rakuten TV, YouTube, Deezer and many more.

## TV Product Features

|                                               |                                                                                               |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------|
| Operating System                              | Linux                                                                                         |
| Pre-installed Apps                            | Youtube, Deezer, Rakuten TV, Chili, Netflix, Web Browser And Many More                        |
| USB Video                                     | MKV, MP4, MOV, AVI, MPG, MPEG, 3GP, 3GPP, ASF, FLV, WEBM, VOB, DAT, TS, TRP, TP               |
| USB Music                                     | MP3, M4A, AAC, AC3, EAC3, DTS, WAV, FLAC, LPCM                                                |
| USB Photo                                     | JPG, JPEG, BMP, PNG, GIF, MPO                                                                 |
| Media Network Streaming (Video, Photo, Music) | Yes / Yes / Yes                                                                               |
| HbbTV                                         | Yes (v 2.0.2)                                                                                 |
| USB File System                               | FAT16, FAT32                                                                                  |
| SHARP AQUOS NET+ Apps Store                   | Yes                                                                                           |
| USB 4K Video                                  | Yes                                                                                           |
| Digital Programme List                        | Yes                                                                                           |
| Home Media Server                             | Yes                                                                                           |
| USB Software Update                           | Yes                                                                                           |
| OTA Updates                                   | Yes                                                                                           |
| Hotel Mode                                    | Default Source, Default volume, Max volume, Import/Export TV database, Import Logo, Menu Lock |
| HDMI ARC                                      | Yes (HDMI1)                                                                                   |
| HDMI CEC                                      | Yes                                                                                           |

## Display Systems

|                                 |             |
|---------------------------------|-------------|
| Diagonal Screen Size Cm         | 139         |
| Diagonal Screen Size Inch       | 55"         |
| Panel Resolution (HxV) In Pixel | 3840 x 2160 |
| Dynamic Contrast                | 1 000 000:1 |
| Active Motion                   | 400         |
| HDR support                     | HDR10, HLG  |
| Backlight                       | LED         |

## Audio Systems

|                            |                                               |
|----------------------------|-----------------------------------------------|
| Speaker                    | Full-range + silk tweeter                     |
| Speaker power (W)          | 2x10W (8 ohm)                                 |
| Sound System               | BG, DK, I, L/L', MN, NICAM/A2                 |
| Sound Settings             | Sound Equalizer                               |
| Audio decoder              | Dolby Digital, Dolby Digital Plus, Dolby AC-4 |
| Sound Technology           | Harman-Kardon                                 |
| Audio enhancement solution | DTS Virtual:X™                                |
| 3D sound codec             | DTS:X®                                        |

## I/O Systems

|                                   |                                                                                                         |
|-----------------------------------|---------------------------------------------------------------------------------------------------------|
| Antenna Input                     | Yes                                                                                                     |
| Satellite Input                   | Yes                                                                                                     |
| HDMI 4K @ 60 Hz (2.1)             | x4                                                                                                      |
| USB                               | x2                                                                                                      |
| 3.5mm Headphone jack / line-out   | Yes                                                                                                     |
| RJ 45 (LAN - 10BASE-T/100BASE-TX) | x1                                                                                                      |
| Wi-Fi Max Transmitter Power       | 100 mW at 2,412 GHz – 2,472 GHz;<br>100 mW at 5,150 GHz – 5,350 GHz;<br>100 mW at 5,470 GHz – 5,725 GHz |
| Remote Control                    | IR                                                                                                      |
| Bluetooth                         | Yes                                                                                                     |
| Micro SD card slot                | x1                                                                                                      |
| Digital Optical Audio Output      | Yes                                                                                                     |
| WLAN: Wi-Fi Display/Miracast      | Yes                                                                                                     |
| Video/Audio input (3 x RCA)       | Yes                                                                                                     |

## Video Systems

|                 |                                               |
|-----------------|-----------------------------------------------|
| TV System (ATV) | PAL, SECAM                                    |
| TV System (DTV) | DVB-T/T2/C/S/S2 (MPEG4 + H.265/HEVC (10-bit)) |
| Video system    | HEVC/H.265 (10-bit), MPEG4/H.264, VP9, AV1    |

## Power Information

|                                              |                                                                                           |
|----------------------------------------------|-------------------------------------------------------------------------------------------|
| Power Requirements                           | AC 220-240V ~ 50/60Hz                                                                     |
| Power Consumption (ecomode/standard/max) (W) | 81/135/160 W                                                                              |
| Power Consumption (W)                        | 81,0 W                                                                                    |
| Standby Power Consumption (W)                | <0,50 W                                                                                   |
| Energy Class                                 | G                                                                                         |
| Safety Logo Certification                    | CE (RED, RoHS, ErP), REACH/PAH/SCCP                                                       |
| Plug                                         | CE Plug                                                                                   |
| Auto Power Off                               | Yes                                                                                       |
| EPREL                                        | <a href="https://eprel.ec.europa.eu/qr/1270209">https://eprel.ec.europa.eu/qr/1270209</a> |

## Logistic Information

|                                       |                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------|
| Unit Size (W x H x D in mm)           | 1239,3 x 723,4 x 88,2                                                                    |
| Net Size with Stand (W x H x D in mm) | 1239,3 x 765,3 x 229,5                                                                   |
| Dimension Between Stand Feet (in mm)  | 1132,7                                                                                   |
| Box Size (W x H x D in mm)            | 1335 x 875 x 160                                                                         |
| Unit Weight (kg)                      | 13,7                                                                                     |
| Gross Weight (kg)                     | 18,3                                                                                     |
| Packaging Content                     | Product, Remote control, 2x AAA batteries, TV stand installation pack, Quick start guide |
| VESA Standard (mm)                    | 400 x 200                                                                                |
| EAN                                   | 5903802463583                                                                            |

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Product specifications are subject to change without notice.

Our products are mercury and lead free (mercury content 0.0%, lead content 0%)