

Philips 7000 series
LED TV

139cm (55")
4K ULTRA HD
SmartTV
IPS Panel



55PUT7791

Experience every detail with 4K

Philips 4K LED TV packed with features. It combines the stunning Ultra HD details, easy connectivity and ultra slim dimensions for an entertainment experience like never before.

"See brilliant picture quality"

- Pixel Plus ULTRA HD
- 240Hz Perfect Motion Rate (PMR) for superb motion sharpness
- 4K ULTRA HD
- SmartTV
- "IPS Panel for superior performance & widest viewing angle"

Hear crisp and clear sound

- Feel the power of 20 W(2x 10W) RMS

Easy to connect and enjoy

- Seamless connectivity with 3 HDMI inputs
- Fantastic video, photo and music playback via USB
- MHL technology for enjoying mobile content on big screen

PHILIPS

LED TV
139cm (55") 4K ULTRA HD, SmartTV, IPS Panel

55PUT7791/V7

Highlights

4K ULTRA HD

4K UltraHD

Ultra HD TV has 4 times the resolution of a conventional Full HD TV. With over 8 million pixels and our unique Pixel Plus Ultra HD engine, you'll experience improved images, sharpness, increased depth perception, superior contrast, smooth natural motion and flawless details.

Pixel Plus ULTRA HD



Pixel Plus ULTRA HD engine to deliver incredible image, depth and clarity

SmartTV



Explore and enjoy the world of apps and more, directly on your TV.

"IPS Panel"



"IPS displays use an advanced technology which gives you extra wide viewing angles of 178/178 degree, making it possible to view the display from almost any angle. Unlike standard panels, IPS displays gives you remarkably crisp images with vivid colors, making it ideal not only for Photos and movies, but also for professional applications which demand color accuracy and consistent brightness at all times."

240Hz PMR



240Hz Perfect Motion Rate (PMR) creates extreme motion sharpness for clear and vibrant images in fast action movies. The new Philips PMR standard shows the combined visible effect of the fastest panel refresh rate, HD Natural Motion and unique processing formula, for unprecedented motion sharpness.

Rich & clear sound experience



"Feel the power of the music beat and the atmosphere of the movies. The powerful 20 W

RMS (2 x 10 W RMS) amplifiers create a lifelike soundstage. It gives a clear and spacious sound stage complementary to the rich viewing experience.."

3 HDMI inputs

HDMI™ x3

HIGH-DEFINITION MULTIMEDIA INTERFACE

"HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 2 HDMI inputs on the back of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital Camcorder."

MHL



Mobile High Definition Link (MHL) is a mobile audio/video interface for directly connecting mobile phones and other portable devices to high-definition displays/ TVs. An optional MHL cable allows you to simply connect your MHL capable mobile device to this large Philips MHL LED TV, and watch your HD videos come to life with full digital sound. Now not only you can enjoy your mobile games, photos, movies, or other apps on its big screen, you can simultaneously charge your mobile device so you never run out of power half way.

4K UltraHD



Specifications

Picture/Display

- Diagonal screen size (inch): 55 inch
- Panel resolution: 3840x2160
- Picture enhancement: Pixel Plus Ultra HD, 3/2 - 2/2 motion pull down, 3D Combfilter, Digital Noise Reduction

Supported Display Resolution

- Computer formats: Via HDMI/DVI input, 3840 x 2160, 30Hz, 1920 x 1080, 60Hz, 1366 x 768, 60Hz, 1280 x 1024, 60Hz, 1280 x 720, 60Hz, 1024 x 768, 60Hz, 800 x 600, 60Hz, 720 x 480, 60Hz, 640 x 480, 60Hz
- Video formats: 2160p, 24Hz, 30Hz, 1080p, 60Hz, 1080p, 50Hz, 1080i, 50, 60Hz, 720p, 50, 60Hz, 576p, 50Hz, 576i, 50Hz, 480p, 60Hz, 480i, 60Hz

Tuner/Reception/Transmission

- Tuner bands: UHF, VHF
- TV system: PAL B/G
- Video Playback: NTSC, PAL, SECAM

Multimedia Applications

- Playback Formats: AVI, JPEG Still pictures, MPEG1, MPEG2, MPEG4, WMA v2 up to v9.2, H.264/MPEG-4 AVC, PNG still pictures
- Music Playback Formats: MP3, WMA (v2 up to v9.2)
- Picture Playback Formats: JPEG

Convenience

- Ease of Installation: Autostore, Fine Tuning
- Ease of Use: Graphical User Interface, On Screen Display
- Screen Format Adjustments: 16:9
- On-Screen Display languages: English

USB - File Extension

- Video: *.avi, *.mkv, *.mov, *.mp4, *.mpg, *.mpeg, *.wmv

USB - Container

- Video: ASF, AVI, MKV, MP4, PS

USB - Video Decoder

- Compression Format: H.264, MPEG 1, MPEG 2, MPEG 4

Sound

- Output power (RMS): 20W
- Sound System: Stereo
- Sound Enhancement: Auto Volume Leveler

Loudspeakers

- Built-in speakers: 2

Connectivity

- Number of AV connections: 2
- EasyLink (HDMI-CEC): EasyLink
- Other connections: Component Video (YPbPr) input, PC-In VGA, Antenna IEC75, S/PDIF out (coaxial), PC Audio in
- AV output: Ext 3.5 mm jack x1
- LAN wired: Ethernet (RJ 45) 1x
- LAN wireless: IEEE 802.11 b/g/n
- Number of HDMI connections_: 3
- Number of USB connections: 3

Power

- Power supply: 100-240VAC, 50/60Hz
- Power consumption: 150 W
- Standby power consumption: Less than 1 watt

Accessories

- Included accessories: 2 x AAA Batteries, Remote Control, User Manual, Warranty certificate, Power cord, Safety/legal instructions, Table top stand, Wall mounting bracket
- User Manual: English

Dimensions

- Set Width: 1238 mm
- Set Height: 714 mm
- Set Depth: 54 mm
- Product weight: 16.0 kg
- Set width (with stand): 1238 mm
- Set height (with stand): 775 mm
- Set depth (with stand): 268 mm
- Product weight (+stand): 16.4 kg

