Philips 7000 series
LED TV

109cm (43")
4K ULTRA HD
SmartTV
IPS Panel

43PUT7791



# 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"
- 4K ULTRA HD
- Pixel Plus ULTRA HD
- SmartTV
- "IPS Panel for superiror performance & widest viewing angle"
- 240Hz Perfect Motion Rate (PMR) for superb motion sharpness
- MHL technology for enjoying mobile content on big screen

### 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

PHILIPS

LED TV
109cm (43") 4K ULTRA HD, SmartTV, IPS Panel

43PUT7791/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

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

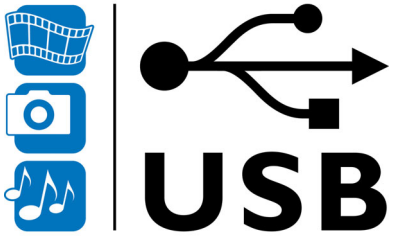
"HDMI makes an uncompressed digital RGB connection from the source to the screen for the ultimate picture quality. HDMI uses HDCP copy protection. With 2 HDMI inputs on the back of the TV you can connect multiple HD sources, for instance an HD settop box, a Blu-ray player, and Game Console or Digital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

### MHL

MHL
Mobile High-Definition Link

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.

### USB with Video Playback




The USB connector allows access to jpeg photos, mp3 music and video files through all USB drives. Plug the USB into the slot at the side of the TV and access multimedia content using the easy on screen content browser. Now view your videos, photos and music effortlessly in your TV!

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# Specifications

## Picture/Display
- Diagonal screen size (inch): 43 inch
- Panel resolution: 3840x2160
- Picture enhancement: 3/2 - 2/2 motion pull down, 3D Combfilter, Digital Noise Reduction

## Sound
- Output power (RMS): 20W
- Sound System: Stereo

## Connectivity
- HDMI 1: HDMI v1.3
- HDMI 2: HDMI v1.3
- USB: High speed USB 3.0, USB 2.0
- Other connections: Component Video (YPbPr) input, Composite video (CVBS) input, PC-In VGA, Antenna IEC75, S/PDIF out (coaxial), PC Audio in
- AV 1: Audio L/R in, CVBS in
- AV output: Ext 3.5 mm jack x1
- HDMI 3: HDMI v1.3
- EasyLink (HDMI-CEC): EasyLink
- LAN wired: Ethernet (RJ 45) 1x
- LAN wireless: IEEE 802.11 b/g/n

## Supported Display Resolution
- Computer formats

| Resolution Via HDMI/DVI input | Refresh rate |
|---|---|
| 3840 x 2160 | 30Hz |
| 1920 x 1080 | 60Hz |
| 1360 x 768 | 60Hz |
| 1280 x 1024 | 60Hz |
| 1280 x 720 | 60Hz |
| 1024 x 768 | 60Hz |
| 800 x 600 | 56, 60Hz |
| 720 x 480 | 60Hz |
| 640 x 480 | 60Hz |

- Video formats

| Resolution | Refresh rate |
|---|---|
| 2160p | 24Hz, 30Hz |
| 1080p | 60Hz |
| 1080p | 50Hz |
| 1080i | 50, 60Hz |
| 720p | 50, 60Hz |
| 576p | 50Hz |
| 576i | 50Hz |
| 480p | 60Hz |
| 480i | 60Hz |

## Loudspeakers
- Built-in speakers: 2

## Power
- Power consumption: 98 W
- Power supply: 100-240VAC, 50/60Hz
- Standby power consumption: Less than 1 watt

## USB - Container
- Video: ASF, AVI, MKV, MP4, PS

## USB - File Extension
- Video: *.avi, *.mkv, *.mov, *.mp4, *.mpg, *.mpeg, *.wmv

## USB - Video Decoder
- Compression Format: H.264, MPEG 1, MPEG 2, MPEG 4

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

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

## Dimensions
- Product weight (+stand): 9.4 kg
- Product weight: 9.0 kg
- Set dimensions (W x H x D): 966 x 559 x 53 mm
- Set dimensions with stand (W x H x D): 966 x 617 x 248 mm

## 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

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

Issue date 2016-08-09

Version: 3.0.1

12 NC: 8670 001 40881
EAN: 89 03279 23444 7

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