



Philips 6800 series  
FHD LED Smart TV

60 cm (24")

Full HD LED TV  
HDR 10  
Pixel Plus HD



24PFS6855

## Simply smart. Clearly brilliant.

### Full HD LED Saphi TV

Watch. Play. Enjoy. This Full HD Philips TV puts you right in the heart of the action with a pin-sharp picture and crisp sound. The SAPHI dashboard gives you easy access to content, and the low input lag via HDMI is ideal for gaming.

#### **Silver frame. Great picture.**

- Slim silver frame. Slender feet.
- Full HD LED TV. Rich color, beautiful detail.

#### **Philips picture precision.**

- Pixel Plus HD. Sharp images, no matter what the source.
- Great for gaming. Less than 20 ms input lag via HDMI.

#### **SAPHI. The smart way to enjoy your TV.**

- One-button access to a clear icon-based menu.
- Philips TV Collection. Netflix, Prime Video, and more.

#### **Crisp sound. Hear every word.**

- Clear audio from full-range speakers.
- Crisp, clear dialogue. Punchy bass.

# PHILIPS

FHD LED Smart TV  
60 cm (24") Full HD LED TV, HDR 10, Pixel Plus HD

24PFS6855/12

# Highlights

## Full HD LED TV

Full HD LED TV. Rich color, beautiful detail.

## Pixel Plus HD

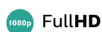
Philips Pixel Plus HD engine optimizes picture quality to deliver crisp images with beautiful contrast. So whether you are streaming online or watching cable TV, you will enjoy sharper images with brighter whites and deeper blacks.

## Saphi Smart TV

SAPHI is a fast, intuitive operating system that makes your Philips Smart TV a real pleasure to use. Enjoy great picture quality and one-button access to a clear icon-based menu. Operate your TV with ease, and quickly navigate to popular Philips Smart TV apps including YouTube, Netflix, and more.

## Great for gaming

Great picture quality for gaming. Low 20ms input lag via HDMI connection. Enhance your gaming experience. Immerse yourself in the game. Because of better visibility in the dark scenes, and better refresh rates.



# Specifications

## Picture/Display

- Diagonal screen size: 24 inch / 60 cm
- Display: LED Full HD
- Panel resolution: 1920x1080p
- Aspect ratio: 16:9
- Picture enhancement: Pixel Plus HD, HDR10, HLG (Hybrid Log Gamma)

## Supported Display Resolution

- Computer inputs on all HDMI: HDR supported, HDR10/ HLG, up to FHD 1920x1080@60Hz
- Video inputs on all HDMI: HDR supported, HDR10/HLG (Hybrid Log Gamma), up to FHD 1920x1080p

## Tuner/Reception/Transmission

- HEVC support
- Digital TV: DVB-T/T2/T2-HD/C/S/S2
- MPEG Support: MPEG2, MPEG4
- Video Playback: PAL, SECAM
- Signal strength indication
- Teletext: 1000 page Hypertext
- TV Program guide\*: 8 day Electronic Program Guide

## Connectivity

- Number of HDMI connections: 3
- Number of USBs: 2
- Other connections: Common Interface Plus (CI+), Digital audio out (optical), Ethernet-LAN RJ-45, Satellite Connector, Headphone out, Antenna F-type, Service connector
- EasyLink (HDMI-CEC): Remote control pass-through, System audio control, System standby, One touch play
- Wireless connection: Wi-Fi 802.11n, 2x2, Single band

## Smart TV Features

- Ease of Installation: Auto detect Philips devices, Network installation wizard, Settings assistant wizard
- Ease of Use: One-stop smart menu button, Onscreen usermanual
- Firmware upgradeable: Firmware auto upgrade wizard, Firmware upgradeable via USB, Online firmware upgrade
- Interactive TV: HbbTV
- Program: Pause TV, USB recording\*
- Screen Format Adjustments: Basic - Fill Screen, Fit

- to screen, Zoom, stretch, Advance - Shift, Wide screen
- SmartTV apps\*: Online video stores, Open internet browser, TV on demand, Youtube, Netflix TV
- User Interaction: SimplyShare, Screen mirroring

## Multimedia Applications

- Video Playback Formats: Containers: AVI, MKV, H264/MPEG-4 AVC, MPEG-1, MPEG-2, MPEG-4, WMV9/VC1, HEVC (H.265), VP9
- Subtitles Formats Support: .SML, .SRT, .SSA, .SUB, .TXT, .ASS
- Music Playback Formats: AAC, MP3, WAV, WMA (v2 up to v9.2), WMA-PRO (v9 and v10)
- Picture Playback Formats: JPEG, BMP, GIF, PNG, 360 photo, HEIF

## Power

- Mains power: AC 220 - 240 V 50/60Hz
- Standby power consumption: <0.3W
- Off mode power consumption: N/A
- Ambient temperature: 5 °C to 35 °C
- Power Saving Features: Auto switch-off timer, Eco mode, Picture mute (for radio)
- Mercury content: 0 mg
- Presence of lead: Yes\*

## EU Energy card

- EPREL registration numbers: 395511
- Diagonal screen size (inch): 24
- Diagonal screen size (metric): 60
- Energy class for SDR: F
- On mode power demand for SDR: 22 Kwh/1000h
- Energy class for HDR: G
- On mode power demand for HDR: 43 Kwh/1000h
- Networked standby mode: <2.0 W
- Off mode power consumption: n.a.
- Panel technology used: LED LCD

## Sound

- Output power (RMS): 6W
- Sound Enhancement: 5 Band Equalizer, Auto Volume Leveler, Clear Dialogue, Dynamic Surround, Night mode
- Speaker configuration: 2x3W full range speaker

## Dimensions

- Box dimensions (W x H x D): 630.0 x 425.0 x 120.0 mm

- Set dimensions (W x H x D): 567.4 x 340.4 x 73.7 mm
- Set dimensions with stand (W x H x D): 567.4 x 363.2 x 135.0 mm
- Product weight: 2.9 kg
- Product weight (+stand): 2.9 kg
- Weight incl. Packaging: 3.9 kg
- Stand dimensions (W x H x D): 393.2 x 22.8 x 135.0 mm
- Wall mount compatible: 75 x 75 mm

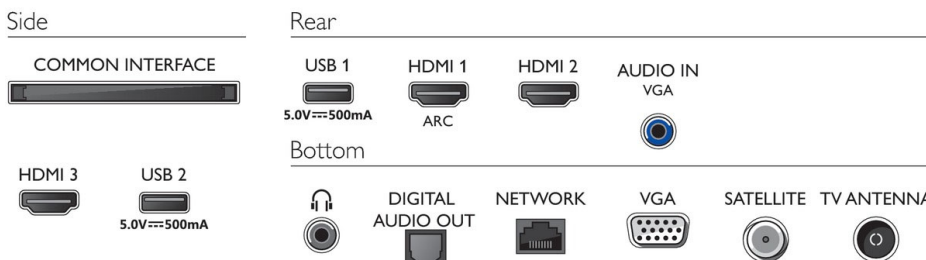
## Design

- Colors of TV: Plastic light silver bezel
- Stand design: Light silver blade stand

## Accessories

- Included accessories: Remote Control, 2 x AAA Batteries, Power cord, Quick start guide, Legal and safety brochure, Table top stand

## Connections



Issue date 2022-07-14

Version: 7.0.1

12 NC: 8670 001 66994  
EAN: 87 18863 02410 2

© 2022 Koninklijke Philips N.V.  
All Rights reserved.

Specifications are subject to change without notice.  
Trademarks are the property of Koninklijke Philips N.V.  
or their respective owners.

[www.philips.com](http://www.philips.com)

\* EPG and actual visibility (up to 8 days) is country and operator dependent.

\* Energy consumption in 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.

\* The TV supports DVB reception for 'Free to air' broadcast. Specific DVB operators may not be supported. An up to date list can be found in the FAQ section of the Philips support website. For some operators Conditional Access and subscription are required. Contact your operator for more information.

\* This television contains lead only in certain parts or components where no technology alternatives exist in accordance with existing exemption clauses under the RoHS Directive.

\* Smart TV app offerings vary per TV model and country. For more details please visit: [www.philips.com/smarttv](http://www.philips.com/smarttv).

\* USB recording for digital channels only, recordings may be limited by broadcast copy protection (CI+). Country and channel restrictions may apply.