Philips
widescreen flat TV with
Digital Crystal Clear

42"

LCD HD Ready

42TA2800S

Turn up your viewing experience

with Digital Crystal Clear

Tuned for picture-perfect quality, the Philips 42TA2800 HDTV delivers optimal high definition display and increased picture depth plus virtual surround sound, eye-catching design, smart audio/video presets and even doubles as a PC monitor.

Vivid, natural and razor sharp images

- HD LCD WXGA display, with a 1366 x 768p resolution
- HD Ready for the highest quality display of HD signals
- Digital Crystal Clear provides vivid cinema-like images
- Progressive Scan component video for optimized image quality

Crisp and Clear sound

- Virtual Surround Sound for enhanced sound

Stylish design

- Compact and slim design that fits in every room

Designed for your convenience

- Smart Picture and Smart Sound to personalize your viewing
- PC input lets you also use your TV as a PC monitor

For advanced performance

- HDMI input for full digital HD connection in one cable

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sense and simplicity

Specifications

Picture/Display
- Aspect ratio: Widescreen
- Display screen type: LCD WXGA Active Matrix TFT
- Panel resolution: 1366 x 768p
- Picture enhancement: Digital Crystal Clear, 3/2 - 2/2 motion pull down, 3D Combfilter, 3D MA deinterlacing, Blue stretch, Black stretch, White stretch, Green enhancement, Progressive Scan, Smart Picture, Automatic skin tone correction
- Screen enhancement: Anti-Reflection coated screen

Supported Display Resolution
- Computer formats

Resolution	Refresh rate
640 x 480	60Hz
800 x 600	56, 60Hz
1024 x 768	60Hz
1280 x 720	60Hz
1280 x 768	60Hz

- Video formats

Resolution	Refresh rate
480i	60Hz
480p	60Hz
576i	50Hz
576p	50Hz
720p	60Hz
1080i	60Hz

Sound
- Output power (RMS): 2 x 10 W
- Sound Enhancement: Virtual Surround Sound
- Sound System: Mono, Nicam Stereo, Stereo

Loudspeakers
- Loudspeaker types: detachable

Convenience
- Child Protection: Child Lock+Parental Control
- Clock: Sleep Timer
- Ease of Installation: Autostore, Fine Tuning, PLL Digital Tuning, Sorting
- Ease of Use: Auto Volume Leveller (AVL), On Screen Display, Program List, Smart Picture, Smart Sound, Top Controls

- Remote Control: TV
- Remote control type: RC2023611/01B
- Screen Format Adjustments: 4:3, Subtitle Zoom, Superwide, Widescreen, Zoom 14:9, Zoom 16:9
- Picture in Picture: Picture in graphics

Tuner/Reception/Transmission
- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL D/K
- Video Playback: NTSC, PAL
- Tuner bands: Hyperband, S-Channel, UHF, VHF

Connectivity
- AV 1: Audio L/R in, YPbPr
- AV 2: Audio L/R in, YPbPr
- AV 3: Audio L/R in, CVBS in, S-Video in
- AV 4: HDMI
- Front / Side connections: Audio L/R in, CVBS in, Headphone out, S-video in
- Other connections: Analog audio Left/Right out, Composite video (CVBS) out, PC Audio in, PC-In VGA, S/PDIF out (coaxial)

Power
- Ambient temperature: 0 °C to 40 °C
- Mains power: 90-264 VAC, 50/60 Hz
- Power consumption: < 275 W
- Standby power consumption: < 2 W

Accessories
- Included Accessories: Power cord, Quick start guide, User Manual, Warranty certificate, Remote Control, Batteries for remote control

Dimensions
- Color cabinet: black, high gloss black strip
- Set dimensions (W x H x D): 1039 x 700 x 102 mm
- Set dimensions with stand (W x H x D): 1039 x 759 x 256 mm
- Product weight: 21 kg
- Product weight (+stand): 28 kg
- Box dimensions (W x H x D): 1182 x 767 x 363 mm
- Weight incl. Packaging: 36 kg
- VESA wall mount compatible: 400 x 200 mm

Product highlights

LCD WXGA display, 1366 x 768p
This WXGA display with state-of-the-art LCD screen technology gives you widescreen HD resolution of 1366 x 768p pixels. It produces brilliant flicker-free progressive scan pictures with optimum brightness and superb colors. This vibrant and sharp image will provide you with an enhanced viewing experience.

HD Ready
Enjoy the exceptional picture quality of High Definition pictures and be fully prepared for HD sources like HDTV settop box or Blu-ray disc. HD Ready is a protected label that offers picture quality beyond that of progressive scan. It conforms to strict standards laid out by EICTA to offer a HD screen that displays the benefits of resolution and picture quality of a High Definition signal. It has a universal connection for both analog YPbPr and uncompressed Digital connection of DVI or HDMI, supporting HDCP. It can display 720p, and 1080i signals at 50 and 60Hz.

Digital Crystal Clear
Digital Crystal Clear is a package of picture innovations that digitally adjusts and optimizes picture quality to optimal contrast, color and sharpness levels. It's like watching vivid cinema-like images.

Progressive Scan
Progressive Scan doubles the vertical resolution of the image resulting in a noticeably sharper picture. Instead of sending a field comprising the odd lines to the screen first, followed by the field with the even lines, both fields are written at one time. A full image is created instantaneously, using the maximum resolution. At such a speed, your eye perceives a sharper picture with no line structure.

Virtual surround sound
Virtual surround sound creates additional audio channels for a theater-like audio experience.
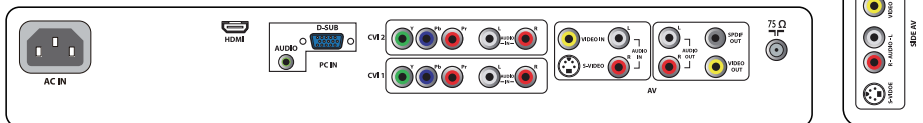
Smart Picture and Smart Sound
Philips preset modes for Smart Picture and Smart Sound provide you with direct access via a single key on the remote control. You can select optimized picture and sound settings for the various picture and sound modes.

HDMI input
HDMI makes an uncompressed digital RGB connection from the source to the screen. By eliminating conversion to an analog signal, it delivers an unblemished image. The non-degraded signal reduces flicker and leads to a clearer picture. HDMI intelligently communicates the highest output resolution with the source device. The HDMI input is fully backward compatible with DVI sources but includes digital audio. HDMI uses HDCP copy protection.

PC input
With PC input you can connect your TV to a computer and use the TV as a PC monitor.

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