

# HDTV with Pixel Plus™ gives more and better details

High Definition TV demos and broadcasts set the expectation for an incredible lifelike picture on a TV. On HDTVs without Pixel Plus, when standard sources are connected, the quality is much less than HDTV. With Pixel Plus, standard sources are maximized to near HDTV quality.

## Experience it as an eyewitness

- Pixel Plus™
- Digital Natural Motion™
- Philips HD Optics™
- Active Control™ Plus
- APAC™ – Automatic Phosphor Aging Compensation
- Auto IntelliSense™ Focus
- HD DVI and component inputs
- Dolby® Virtual Surround – 30 Watt RMS



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## Technical specifications

### Picture quality

- Pixel Plus™ Resolution Enhancement
- Digital Natural Motion™
- Philips HD Optics™
- Active Control Plus™
- APAC™
- Adjustments: brightness, color, contrast, sharpness, tint, color temperature, dynamic contrast, Digital Noise Reduction, and color enhancement
- Digital Color Transient Improvement (CTI)
- Digital Histogram
- Luminance Transient Improvement (LTI)
- Three Color Temperature Positions: warm, normal, cool
- 1080i HD and 480p display capability
- 3D Y/C comb filter
- 55" visible screen size
- 550 foot-lamberts peak brightness
- 7" liquid cooled tubes (red, green, blue)

### Ease of use

- Auto IntelliSense™ Focus
- Alternate channel
- "Auto" Convenience Features: Auto Aspect Ratio Adaptation, AutoChron (automatic clock), AutoLock™ to protect viewers from selected objectionable programming, AutoPicture™ (5 modes), AutoProgram, AutoSound™ (4 modes), AutoSurf™
- Closed Captioning
- Double window, two-tuner Picture-in-Picture
- Favorite channel list
- Multi-point digital convergence
- Picture freeze
- Protective screen
- On timer
- Sleep timer
- Three Menu Languages: English, French, and Spanish
- Universal remote control – RC4305/01

### Sound quality

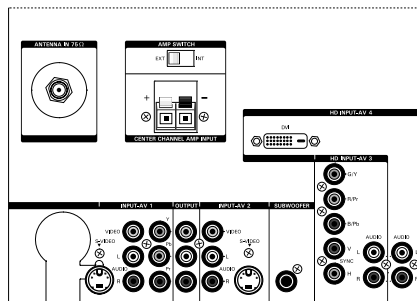
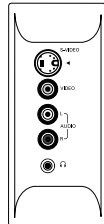
- Dolby® Virtual Surround – 30 Watt RMS
- Adjustments: volume, equalizer, bass, treble, balance, AVL, headphone, and Bass Boost
- Automatic Volume Leveler (AVL)
- Center channel input
- Incredible Surround™
- Stereo output
- Two sets of 2" and 5" speakers
- 2x15w RMS (50Hz-10kHz at 5% THD, 8ohm load)

### Connectivity

- HD DVI and component inputs
- S-Video (2 rear, 1 side)
- AV connections (2 rear, 1 side)
- Standard Component Video (1 rear)
- AV output (1 rear)
- Headphone (side)
- Subwoofer output (1 rear)
- Center channel input (1 rear)

### Miscellaneous

- Product Dimensions (W x H x D): 52.6" x 57" x 25.6"
- Carton Dimensions: 57.5" x 59.5" x 32.3"
- Product Weight: 190 lbs
- Shipping Weight: 220 lbs
- Ambient Operating Temperature: +41 to 113°F (+5 to +45°C)
- Mains Voltage: AC 110V ±10%
- Power Consumption: 180W average
- Stand-By Power: <1W



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Specifications are subject to change without notice.

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## Product highlights

### Pixel Plus™ Resolution Enhancement

Experience better! Better detail, better texture, better resolution, more high definition-like images—even from non-HD sources. Pixel Plus™ will take your viewing to new levels of enjoyment. Pixel Plus™ is only from Philips.

### Digital Natural Motion™

Eliminates motion judder from film-based sources, such as DVD's, for distortion free, natural viewing.

### Philips HD Optics™

The Philips HD Optics gives extreme resolution HD with cutting-edge processing and display technology. Includes Philips wideband video amplifier, micro phosphor CRTs, hybrid projection lenses, first surface mirror, and fine-pitched lenticular screen.

### Active Control Plus™

By continually adjusting picture settings over 60 times per second, Active Control Plus ensures that the viewing experience is always optimal. Changes in ambient light are even automatically compensated for!

### APAC™ – Automatic Phosphor

#### Aging Compensation

Stationary images, particularly black bars that outline 4:3 programming on a widescreen TV, could eventually leave an after-image on the screen. APAC automatically shifts the image, just enough to blur after-image retention, which reduces the effect of stationary images.

### Auto IntelliSense™ Focus

Automatically adjust picture convergence at the push of a button. Auto IntelliSense™ Focus responds to the natural and man-made magnetic field conditions where the projection TV is located, so you can easily enjoy a well-converged picture.

### Dolby® Virtual Surround – 30 Watt RMS

Dolby® processing circuitry for enhanced surround sound effects creates the sensation of Dolby® Pro Logic without the hassle of additional rear speakers.

### HD DVI and Component Inputs

DVI supports High Definition Copy Protected digital video input for connection to compliant set-top boxes. HD component connection (Y, Pb, Pr or RGB +HV) offers color purity, crisp color detail, and reduced color noise.



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