

Philips  
commercial flat TV

20"  
LCD

20FT3220



## Elegant design with enhanced picture and sound

This stylish LCD monitor has a breathtaking picture and outstanding theatre-like sound. The newly designed Xpress IO ports provide fully integrated pay-per-view and serial control for a seamless solution.

### Advanced commercial features

- Volume limitation
- Wireless SmartLoader for fast cloning

### Interactive features

- Serial Xpress™ Control interface
- SmartPlug Xpress interface

### Breathtaking natural pictures

- Enhanced-definition LCD VGA display, 640 x 480p
- Crystal Clear III for natural images with enhanced quality
- Active Control optimizes picture quality whatever the source

### Superb sound reproduction

- Virtual Dolby Surround for a cinema-like audio experience

**PHILIPS**  
sense and simplicity

# Specifications

# Highlights

## Picture/Display

- Aspect ratio: 4:3
- Brightness: 450 cd/m<sup>2</sup>
- Contrast ratio (typical): 350:1
- Diagonal screen size: 20 inch / 51 cm
- Display screen type: LCD VGA Active Matrix TFT
- Panel resolution: 640 x 480p
- Picture enhancement: 3D Combfilter, Crystal Clear III, Active Control
- Viewing angle (H / V): 176 / 176 degree

## Sound

- Music Power: 20 W
- Output power (RMS): 2 x 5W
- Sound System: Stereo, Virtual Dolby Surround, Mono

## Loudspeakers

- Built-in speakers: 2

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- Tuner bands: VHF, UHF, S-Channel, Hyperband

- TV system: NTSC
- Video Playback: SECAM, PAL, NTSC

## Connectivity

- AV 1: Audio L/R in, CVBS in, YPbPr
- Connectivity Enhancements: RJ12 connector, RJ45 connector
- Other connections: FM Antenna, D-Sub in (PC)

## Convenience

- Clock: Sleep Timer
- Ease of Installation: Automatic Channel Install(ACI), Automatic Tuning System (ATS), Autostore, Fine Tuning, PLL Digital Tuning, Sorting
- Ease of Use: FM Radio, Menu Control
- VESA Mount: 100 x 100

## Accessories

- Included Accessories: User Manual, Table top stand, Power cord

## Power

- Mains power: AC 90V - 240V 50/60 Hz
- Ambient temperature: 5 °C to 40 °C

## Volume limitation

This feature predefines the volume range with which the TV set is allowed to operate, preventing excessive volume adjustments and avoiding disturbance of next door guests.

## Wireless SmartLoader

Provides the ability to copy easy and wireless all programming settings from one TV set into other TV sets in less than a minute. The feature ensures uniformity between TV sets and significantly reduces installation time and costs.

## Serial Xpress™ Control

The Serial Xpress™ Control interface is compatible with all major premium entertainment services. The protocols enables the TV connection with external decoders, set-top boxes and PC based solutions. Support UART and RS232 protocols.

## SmartPlug Xpress

The SmartPlug Xpress communication port (RJ-12) is compatible with all major premium entertainment services. The protocols enables the TV connection with external decoders, set-top boxes and PC based solutions.

## LCD VGA display, 640 x 480p

This VGA display with state-of-the-art LCD screen technology has an enhanced resolution of 640 x 480p.

## Crystal Clear III

Crystal Clear III combines a whole range of enhancements to provide a better picture. They include a 2D Comb filter, Dynamic contrast, Blue stretch and Green enhancement so that you always get the most natural looking colors.

## Active Control

Active Control ensure that noise and sharpness improvements are continuously made at a rate of 60 times per second. By continually adjusting picture setting over 3,000 times per minute, Active Control Plus ensures that the viewing experience is optimized.

## Virtual Dolby Surround

Virtual Dolby Surround is a processing technology for enhancing surround sound effects. It will create the sensation of Dolby Pro Logic without the necessity of additional rear speakers. You become totally immersed in your television experience.

