

27" Smart Plug™ Television

27LT220

## 27" Commercial Television

(screen size measured diagonally)

- Smart Plug™ Two-Way Addressable Interface
- Total Program Control
- Front and Rear Audio/Video, S-Video, Component Video Inputs
- Multi-Dimensional Sound System
- Comb Filter
- Security Mountable
- Spill-Resistant Cabinet



**PHILIPS**

# 27" Smart Plug™ Television



## Standard Product Information

The 27LT220 is a full-featured commercial television designed exclusively for applications utilizing interactive services and entertainment systems.

## Technical Specifications

- System 525 lines per picture, 60 fields per second, interlaced for NTSC 3.58 systems
- Power Source 90-150Vac, 50/60Hz
- Power Consumption 74W (avg.)
- Standby Power Consumption (Energy Star) 1.0W
- Picture Tube 27" Diagonal, 100°
- Resolution RF - 370+, CVBS - 370+, S-Video - 560+, RGB - 700+ TV lines (per picture width - horizontal)
- Audio Stereo, 2 x 3.0 Watts, @ 16Ω, @ 5% THD, 50Hz - 12kHz frequency response
- Speaker Size Two 2" x 5" oval
- Closed-Captioning Compatible with all FCC recognized modes
- Channel Capability 181 channels
- Operating Temperature 32°F - 104°F (0°C - 40°C)
- Operating Humidity 5% - 100%
- Power Cord 13', 2 Prong Polarized
- Product Weight 76 lbs.
- Product Dimensions 25.8"W x 23.3"H x 19.9"D
- Carton Weight 87 lbs.
- Carton Dimensions 30.3"W x 28.1"H x 24.6"D

## Input/Output Capabilities

- Antenna Input 75Ω VHF/UHF
- External Speaker 1/8" mini-jack in parallel with internal speaker
- Smart Plug™ Two-Way Addressable Port RJ11 type
- Video Input (front) 1 input, phono type
- Audio Input (front) 2 inputs (L/R), phono type
- S-Video Input 1 input, 5-pin mini-din (L/R), phono type (shared between S-Video, CVBS, CVI)
- Stereo Audio Input Y, Pb, Pr (switchable), phono type
- Component Video Input (L/R), phono type
- Monitor Composite Video Output (L/R), phono type
- Monitor Composite Audio Output

## Accessories (optional)

- Setup Transmitter (RC2573GR) - used to customize TV to application
- Mounting Brackets - Various types available
- Smart Loader for cloning (CLON99BK)
- 20-button guest remote - Provides limited user access to power, volume, channel selection, mute, closed-captioning, channel guide and sleep timer.

## Special Features

**Smart Plug™ Two-Way Addressable Interface**  
Allows for two-way communication with external control devices.

### Front Control Lockout

Locks all front controls, preventing unauthorized persons from adjusting any television setting.

### Auto Power On

Allows all sets to be controlled from a single circuit breaker and automatically restores the TV in the On position even after power failures. Prevents TV sets from being turned off while in use.

### Clone Programming Capability

Provides the ability to copy all programming settings from one set into additional sets, to ensure uniformity between sets and significantly reduce installation time.

### Total Program Control

Locks in commercial customized settings and features with a master TV set-up, significantly reducing installation time. Ensures uniformity across displays and prevents guests from altering pre-set formats.

### Local Preview™ - Channel Guide

Automatically displays channel guide which provides an onscreen directory of channels and network affiliates every time television is turned on.

### Programmable Channel Blanking

Provides a means to force the picture to be blanked without affecting the audio.

### Marquee Channel™

Forces specified channel when television is turned on.

### Comb Filter

Provides a better method of isolating luminance and chrominance, thereby producing better picture quality.

### Security Mountable

Equipped with heavy-duty blocks on the bottom of the cabinet, designed for safe and secure mounting to security brackets.

### Spill-Resistant Cabinet

Reduces the risk of damage to the television in the event liquid is spilled on the cabinet.

## V-Chip Compliant

## Closed-Captioning

### ESP™ (Energy Saving Programmability)

Energy saving system that powers television off after a specified period of use.

### Consumer Television Convertible

Easily converts to true consumer television for after-market sales.

## Multi-Dimensional Sound System Volume Management

Programmable minimum/maximum and turn-on volume range.

### Audio/Video Muting

Automatically detects loss of signal and optionally mutes both audio and video.

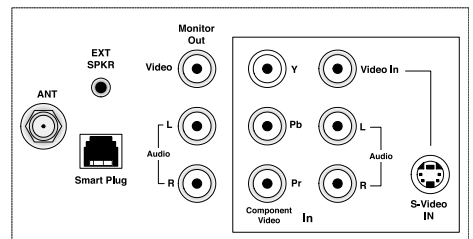
### SmartMute™

Automatically displays closed caption service whenever the user activates the mute function.

### SmartSound™

Automatic volume leveler which detects variations in audio and adjusts to acceptable levels.

## Rear Jack Panel



UL listed for commercial use

## Philips Institutional TV (ITV)

Specifications subject to change without notice  
UPC: 037849936801

©2003 Philips Electronics North America Corporation  
Produced by Ballerini Marketing (4/03)  
Smart Plug, ESP, Marquee Channel, SmartMute and SmartSound are trademarks of Philips Electronics North America Corp.

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

