

Institutional Television

PA9027C

27" Philips Pro Plus Stereo Monitor/Receiver

(screen size measured diagonally)

- **SmartCard™ Integrated Expansion Capability (ProKit Monitor Package included)**
 - **Smart Plug™ Two-Way Addressable Port**
 - **Front A/V Jacks**
 - **Front Control Lockout**
 - **Multiple Input/Output Capability**
 - **Volume Limiter**
 - **Marquee Channel™**
 - **Audio/Video Muting**
 - **SmartMute™**
 - **Local Preview™- Channel Guide**
 - **Programmable Channel Blanking**
 - **Digital TV Ready**
 - **SmartSound™**
 - **Security Mountable**
- Pro Plus Performance Package**
- **Stereo-dbx Sound System**
 - **Comb Filter**
 - **Easy A/V Switching**
 - **Event Programming**
- **Universal Remote (included)**



Front A/V Jacks

Setting Industry Standards™

Let's make things better.



PHILIPS

The PA9027C is a full-featured professional television designed for upgradability. The SmartCard™ interface provides simple plug-and-play insertion of SmartCards and allows third party integrators to utilize two-way interactivity for specialized applications.

Institutional Television PA9027C

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: 90W (avg.)
- Picture Tube: 27" Diagonal, 100°
- Speaker Size: 2, 2" x 5" ovals
- Resolution: RF - 440+, CVBS - 680+, S-Video - 680+, RGB - 700+ TV lines (per picture width - horizontal)
- Digital Comb Filter
- Operating Temperature: 32°F - 104°F (0°C - 40°C)
- Operating Humidity: 5% - 100%
- Weight: 92.6 lbs.
- Dimensions (WxHxD): 25 3/4" x 23 1/4" x 19 7/8"
- Power Cord: 13', 3 Prong Polarized
- Closed Captioning: Compatible with all FCC recognized modes
- Channel Capability: 181 channels
- Stereo-dbx Noise Reduction Hi-Fi Sound System
- Audio: 2 x 3 Watt @ 16Ω, @10% THD, 50Hz - 12kHz frequency response

Input/Output Capabilities:

- Antenna Input: 75Ω VHF/UHF
- SmartCard™ Interface: 32-pin Molex™
- Video Input (front): 1 input, phono type connector
- Audio Input (front): 2 inputs (L/R), phono type connector
- Composite Video Input: 1 input, BNC connector
- Composite Video Output (loop-through): 1 output, BNC connector
- Composite Video Audio Input: 2 inputs (L/R), Phono type connector
- Composite Video Audio Output (loop-through): 2 outputs (L/R), phono type connector
- S-Video Input: 1 input, 5-Pin mini-din connector
- S-Video Output: 1 output, 5-Pin mini-din connector
- S-Video Audio Input: 2 inputs (L/R), Phono type connector
- S-Video Audio Output (loop-through): 2 outputs (L/R), phono type connector
- Monitor Video Output (loop-through): 1 output, BNC connector
- Variable Audio Output: 2 outputs (L/R), phono type connector
- External Speaker (mono): 1/8" mini-jack
- External Speaker (stereo): L/R click-fit connector
- Two-Way Addressable Port: RJ11 type connector

Special Features:

SmartCard™ Integrated Expansion Capability
Allows expandability for future upgrades.

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

Front Control Lockout
Provides the ability to selectively or completely disable front control panel buttons.

ESP™ (Energy Saving Programmability)
Energy Saving system that powers television off after a specified period of use. A simple countdown clock can be selectively set to operate from 0-99 hours with automatic clock reset at each power up.

Channel Guide
Provides onscreen directory of channels and network affiliation.

Volume Limiter
Programmable minimum/maximum and turn-on volume range. Forces the monitor/receiver to operate within a user defined volume range, preventing volume adjustments that are too high or too low.

Marquee Channel™
Forces television to specified channel when turned on.

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.

Local Preview™ - Channel Guide

Automatically displays channel guide every time television is turned on. After choosing the channel to view, channel guide fades off screen to be displayed again when called up using the remote.

Digital TV Ready

With the addition of a Digital TV SmartCard™ (under development) this television will be compatible with ATSC compliant Digital Television signals.

Special Setup Remote Transmitter: RG4172BK (not included)

Used during initial setup of televisions, the setup remote allows the access to critical TV functions such as power, channel up/down, volume, color, tint, brightness, sharpness, etc. Once setup is complete, the setup transmitter is retained in a secure location.

Smart Loader Clone Programming Device: CLON99BK (not included)

Used to clone program multiple sets, simply plug the Smart Loader into the addressable interface port and follow simple onscreen menus to download programming settings. Smart Loader is then used to upload the information into additional sets.

SmartSound™

Automatic volume leveler. Automatically detects variations in audio and adjusts to acceptable levels, minimizing the excessive volume levels often associated with commercial advertising.

Pro Plus Performance Package

These high performance features found only on the Philips "Pro Plus" products ensure the highest picture and sound quality while providing additional functionality for the most demanding professional applications.

Easy A/V Switching

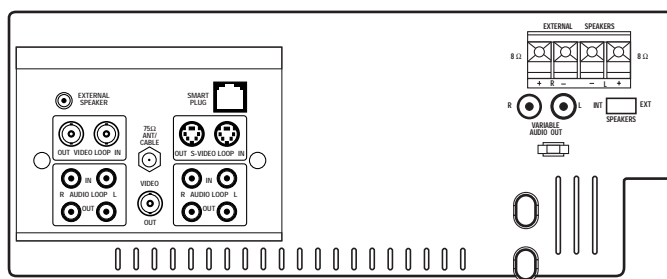
Provides immediate access to A/V inputs via the TV's front panel or remote control.

Event Programming

Built-in software provides scheduling capability by time and day of week. Unit can be programmed to power up, tune to a specified channel, and power down automatically.

Digital Comb Filter

Provides maximum picture quality for high resolution sources such as computers, DVD players, and laser disc.



UL listed for commercial use

PHILIPS ITV WEBSITE: <http://www.philipsitv.com>

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Let's make things better.



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