

Institutional Television

PC9227C

27" Philips Commercial Television with SmartCard™ Expansion Slot

(screen size measured diagonally)

- *SmartCard™ Integrated Expansion Capability*
- *Smart Plug™ Two-Way Addressable Port*
- *Clone Programming Capability*
- *Front Control Lockout*
- *ESP™ (Energy Saving Programmability)*
- *Security Mountable*
- *Channel Guide*
- *Volume Limiter*
- *Marquee Channel™*
- *Audio/Video Muting*
- *External Speaker*
- *SmartMute™*
- *Local Preview™*
- *Channel Guide*
- *Programmable Channel Blanking*
- *SmartSound™*
- *Stereo - Sound System*
- *V-Chip Compliant*
- *Digital TV Ready*



cards optional



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The PC9227C is a full-featured commercial television designed and manufactured exclusively for third-party integrators desiring to utilize the capability of two-way interactivity whether it be for hotel guest pay-per-view services and entertainment, energy management controls, or educational media access.

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 - 370+, CVBS - 370+, S-Video - 560+, RGB - 700+ TV lines (per picture width - horizontal)
- 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 1/3" x 19 3/8"
- Power Cord: 13', 3 Prong Polarized
- Closed-Captioning: Compatible with all FCC recognized modes
- Channel Capability: 181 channels
- Audio: 2 x 1 Watt, @ 16Ω, @ 5% THD, 50Hz - 12kHz frequency response

Input/Output Capabilities:

- Antenna Input: 75Ω VHF/UHF
- SmartCard™ Interface: 32-Pin Molex™
- External Speaker: 1/8" mini-jack
- Smart Plug™ Two-Way Addressable Interface Port: RJ11 Type Connector

Special Features:

SmartCard™ Integrated Expansion Capability

Permits OEM or third-party decoders and controllers to be installed inside television for custom designed component integration. Eliminates need for external set-top decoders, controllers, or data terminals. Integrates systems for superior control applications. Allows expandability for future upgrades.

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.

Security Mountable

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

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. Prevents annoyance due to snowy picture and static.

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.

Programmable Channel Blanking

Provides a means to force the picture to be blanked without affecting the audio. Perfect for audio-only services, such as FM radio.

Smart Sound™

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

Clone Programming Capability

Provides ability to copy all programming settings from one set, then upload the information into additional sets, significantly reducing installation time.

Special Setup Remote Transmitter: RG4172BK (not included)

Used during initial setup of televisions, the setup remote allows limited 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.

Optional Cards

- Clone Card
- Scan II Card
- Prokit1
- Moncard
- Net Card



Example Cards



Setup Remote
Optional
(RG4172BK)



UL listed for commercial use

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

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