

23HF9945



TV System SmartCard™ 3v3 range

Especially designed for in-room Interactive applications within Hotels

- **SmartCard™ 3v3 Expansion Slot For Application Card (prepared for Digital)**
- **SmartPlug™ Two-Ways Addressable Port**
- **High Brightness, High Contrast Display with Super Wide Viewing Angle**
- **DCDi For Smooth Moving Images**
- **Crystal Clear Technology**
- **Stereo**
- **Multi Language Teletext Reception**
- **Smart-Loader™ Fast Reliable Clone Programming Capability**
- **Welcome Message Selection**
- **Sleep Timer**
- **Fast IR Loop Through Connection**
- **Electronic Program Guide**
- **Programmable Channel Blanking**
- **Volume Control Locking Features**
- **Switch On Channel Programming**
- **Audio/Video Muting**
- **ESP™ (Energy Savings Programmability)**
- **Extra Power Supply**
- **Security Menu Access**
- **Low Battery Detection For Remote Control**
- **Consumer Television Convertible**
- **External Speaker Connection**
- **Anti Theft Lock Provision**
- **VESA Mounting Form Factor**



PHILIPS

23HF9945



This 23" LCD TV brings the world of Flat, slim and wide TV to medium screens. As with other Flat TV's no compromise has been made on technical content. The powerful High definition LCD screen offers levels of brightness, sharpness and contrast alongside the best in medium screens. Common elements with the rest of the Philips Flat TV family are the sleek, slim lines and the ability to mount on a table top or hang on the wall.

The System SmartCard™ 3v3 concept is designed and manufactured exclusively for applications utilising interactive services and entertainment systems.

Product Information

Colour

Precision Silver (10880)

Chassis

Type: LC03/ICONN

Picture

Screen Type: 23" WXGA Super-IPS LCD (58cm)

Visual Screen: 58cm (23")

Display type: LCD WXGA Super-IPS

Aspect ratio: Widescreen

Viewing Angle: 176 hor. / 176 vert.

Resolution: 1280 x 768 (x3) pixels

Brightness: 450 Cd/m²

Contrast Ratio: 400 : 1

Response time: 16ms

Anti Reflex Coating

DCDi by Faroudja

Crystal Clear III

Sound

Sound Power: 2x5 W RMS (20W MP)

Loudspeakers: 2 On Board Speakers

Smart Sound

Reception

PLL digital tuning

UVSH tuner

127 presets

Dynamic Program Differentiation

WST 10 Page Teletext

Connections (via ICONN)

SmartCard™ slot

TV aerial Input (75 Ω coax)

Ext loudspeaker (3.5mm jack)

RJ11 connector (Smart-Loader™; STB)

Connections (for displays/peripherals)

LCD-TV: RGB out
RJ11 (IR data/control)

PC/DVD/other: Video in/out (cinch)
S-Video in/out (mini DIN)
Audio L/R in/out (cinch)
External speaker (3.5mm jack)

Miscellaneous

Power consumption ON: 110W
STANDBY: 6W

Mains: 50/60Hz

ICONN: AC 120-240V ± 10%

(12V out)

LCD-TV: AC 100-240V ± 10%

(24V out)

Net Weight (LCD-TV, ICONN): 12 kg, 1 kg

Dimensions

LCD-TV: 704 x 373 x 80 (WxHxD)

ICONN: 150 x 70 x 190 (WxHxD)

Ambient temperature: + 5° to 40°C

Table top stand: Included

Wall mounting: Optional (acc. VESA standard)

Flat, Slim and Wide Large Screen Support

True Flat Multimedia LCD-TV which can be hung on the wall like a painting.

High Level Integration

The ICONN connectivity box integrates picture technology with extensive interactivity and control.

SmartCard™ Expansion Slot

Permits OEM or third-party decoders and controllers to be installed inside ICONN for custom designed component integration. Integrates system for superior control applications. Allows expandability for future upgrades. Prepared for digital applications.

State-of-the-Art LCD Technology

State of the art Super IPS LCD screen enabling brilliant flicker free picture with optimum brightness, superb colours and a wide viewing angle.

DCDi

DCDi technology produces a smooth and natural looking image without visible artefacts or jagged edges by analysing and processing angled lines and edges.

Crystal Clear

Using advanced processing technology, Crystal Clear offers 30% more contrast, natural colours and a high level of detail.

Stereo

Excellent picture deserves excellent sound. 2CS Stereo Sound and Nicam Digital Sound provide clear and detailed audio reproduction.

Smart-Loader™

Provides the ability to copy all programming settings from one set into additional sets. This feature ensures uniformity between sets and significantly reduces installation time.

Advanced Hotel-Mode features

- Programmable Channel Blanking: provides a means to force the picture to be blanked without affecting the audio. Perfect for audio-only services (e.g. FM radio);

- Volume Control Locking: this feature forces the TV set to operate within a user defined volume range, preventing volume adjustments;

- Switch On Channel: it forces the TV set to a specified channel when turned on. Perfect for in-house advertising of information channels.

Multi Language Teletext reception

Guests can be served in their own language. Per channel Western, Eastern European as well as Cyrillic, Arabic, Turkish and Greek characters are available.

Audio/Video Muting

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

Electronic Program Guide

Provides guest with onscreen directory listing number and network affiliation. Channel guide is accessed via the touch of a single button on the remote control.

ESP™ (Energy Savings Programmability)

Energy saving system that powers display 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.

Low Battery Detection Remote Control

This features informs hotelier of the need to replace RC batteries to pre-empt guest complain.

External Speaker Connection

Easy installation of speaker to bathroom via rear connector on the connectivity box.

Welcome Message

A welcome greeting (max. 2 lines with 20 characters each) is displayed on the screen each time the set is switched on.

Consumer Television Convertible

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

Type	Version	Transmission System	Stereo System	Destination
23HF9945	/22Z	PAL BG, I, DK, SECAM BG, DK, LL'	2CS BG, DK, NICAM BGI, DK, LL'	Western Europe (incl. UK/Ireland) + Eastern Europe + UAE

Introduction: Q3-2003

Specifications subject to change without notice.

