

20" TV-Video Combi

20PV220



Compact "all you need" TV-Video Combi

- *2 Tuners* - watch one programme while recording another
- *SMART Picture* - personalise your picture with one push of a button
- *Formatter* - reduces the black bars in case of 16 : 9 programs
- *Plug & Play* - the most convenient installation of your Combi
- *Digital Studio Picture Control* - excellent playback performance
- *Tele Text / Fast Text* - with favourite page memory
- *ShowView™ / Videoplus™* - the easiest way to programme a timer
- *SMART Clock* - for automatic time & date download
- *Auto Volume Leveller* - minimises sudden changes in TV volume

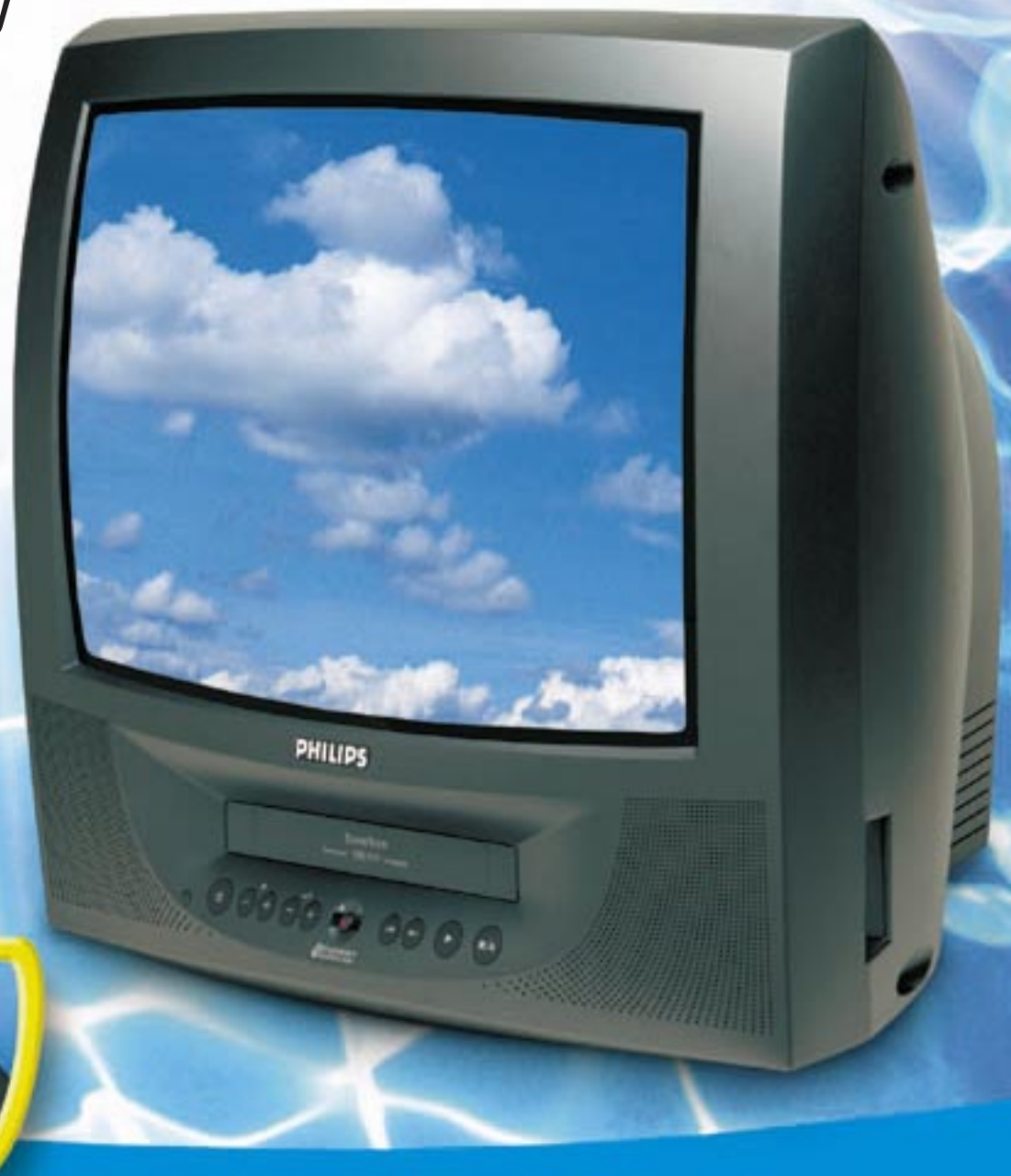
TV VIDEO
COMBI

2 TUNERS
RECORD & VIEW

SHOWVIEW

TELETEXT

Dark Grey



Let's make things better.



PHILIPS

Product information

Reception

- Tuning System: 2 PLL Tuners
- Tuning - pre-sets: 99
- Install Features: ACI, Autostore+ (Autoinstall for /07)

Picture - Display / Processing

- Format: 4 : 3
- Size(visual): 20 (19)" / 51 (48) cm
- Picture Control: Brightness, Colour, Contrast, Sharpness, Tint for NTSC Pb
- Picture Features: SMART Picture, Formatter

Sound

- Speaker / System: Full Range 4" / Mono
- Special Feature: Automatic Volume Leveller
- Power: 5W MPO, 2.5W rms

User Interface

- Indicators front: On / Off LED, Record LED, Timer LED
- Multi Colour Menu: Cursor Control & Intelligent Help-line
- Special Features: Auto Stby, Child Lock, Hotel mode, Prog.list

Computer Controlled Tele Text

- Tele Text / Fast Text: WST lev. 1.5
- Fav. Page per Channel: 1
- Tele Text features: Conceal reveal, Transparent mode, Enlarge, Cancel, Hold, Sub-pages

Tape Deck

- VCR System: VHS-HQ 2 Video Heads
- Head Cleaning Mode: Automatic, Manual
- Stop to Play Time: 0.4 sec.
- Tape Counter: Linear relative, Non linear NTSC Pb
- Rew. / Winding Time: 170/260 sec. (for E180)

Tape Functions

- Play / Still Feature: +1x, -1x, Repeat / Standard
- Fast Speed: +2x / -3x, +5x / -5x, +9x / -9x
- VISS: Next / Prev. index and Record End Search

VCR Picture Quality

- Resolution: HQ+ / >240 lines
- Tracking System: Digital Studio Tracking
- Digital Studio Picture Control
- Edge Noise Canceller

Programming

- Number of Events: 6 / month
- Rec. Control: PDC / VPS (also for Transm. Identification)
- Programming System: ShowView / Video+, OTR
- Record Speed: Standard Play (SP), Long Play (LP)

Connectors Rear

- EXT1: Euro CVBS, RGB in
- Antenna in: 75 Ohms (IEC type)

Connectors Side

- Headphone Out: Mini-Jack 3.5mm, Mono

General

- Voltage / Frequency: 198-264V / 50/60Hz
- Power Cons. in W: Operating 53 / Standby <4
- Backup Presets / Clock: >1 yr / >10 min
- Set Size in mm: 505 x 482 x 510 (h x d x w)
- Packaging in mm: 612 x 570 x 600 (h x d x w)
- Weight in kg: 24 / 21 incl. / excl. Box

Accessories

- Documents / Manuals: DFU, Guarantee doc., Promotion Screen Sticker
- Aux. Equipm. Supplied: Batteries for RC

Remote Control

- Remote Control - type: RT790 / 101

Product Highlights

• 2 PLL Tuners

Watch one programme while recording another with the freedom of the 2 PLL Tuner.

• SMART Picture

Optimise the sharpness and colour to your own reference with this unique feature. Choose out of different options: Soft, Natural, Rich or your Personal setting.

• Plug & Play

Installing a Combi has never been easier! No need of the user manual. Just let the Combi guide you through the installation steps.

• One Touch Record (OTR)

Start a recording with the touch of a single button. Each further touch of the record button adds 30 minutes of recording time. The actual end time will be automatically calculated by the set and displayed.

• SMART Clock

For automatic download of the current Time & Date. No more hassle with the clock setting after long power failure or at the daylight savings time switch over.

• Tele Text / Fast Text

with Favourite Page Memory

For even faster access to your favourite information, assign one „favourite page“ per channel.

• Digital Studio Picture Control

Be sure to obtain the best picture quality with any kind of tape thanks to a digitally controlled Noise-Reduction Circuitry.

• Formatter

Reduce the width of the black bars (typical for cinemascope movies or 16 : 9 broadcasting) on your screen to a minimum, by activating the Formatter.

• Auto Volume Leveller

Minimises sudden changes in TV volume typically happening when commercials are broadcasted or when pre-sets are being changed.

• Full Auto Feature Package

Incorporated into every PHILIPS Combi and includes:

- Automatic Power On when a tape is inserted.
- Automatic Digital Studio Tracking, assuring proper movements of video and audio heads for perfect recordings and viewing every time.
- Auto Play, inserting pre-recorded tapes will activate the Play mode.
- Auto Rewind as soon as the tape reaches the end.
- Auto Eject after record at the end of the tape, so tapes are not inadvertently left in the Combi.

	/01	/07
Full (UHF + VHF) Tuner	+	+
TV System off Air	PAL B/G	PAL I
Record / Playback Std.	PAL	PAL
NTSC Playback Std.	SP LP SLP	SP LP SLP
PDC/VPS	+	+
Video Longplay	+	+
OSD Menu Languages	Danish, Dutch, English, Finnish, French, German, Greek, Italian, Norwegian, Portuguese, Spanish, Swedish	Dutch, English, French, German, Italian, Spanish

Subject to modification without notice

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