

6 HEAD S-VHS HiFi VCR

VR1600

## The 1000 series: The S-VHS class

- **S-VHS ET** – Expansion Technology. Use your VHS tapes, but enjoy S-VHS quality
- **Crystal Clear Video** – the perfect combination of technologies to guarantee an outstanding picture quality
- **Digital Time Base Corrector** ensures sharp vertical edges and jitter free pictures
- **Digital Noise Reduction** for a noise-free playback from all kinds of tape
- **Tape Manager** – the clever archival and retrieval system. You can store up to 330 tapes in the VCRs memory.
- **Turbo Timer** – fast and easy timer programming. No need to switch on the TV-set.
- **Smart Picture** for an individual picture preference setting
- **Front AV with Synchro edit** for trouble-free recording from your camcorder
- **Video Insert Edit and Flying Erase Head** for perfect scene insertion in an existing recording

**TURBO  
DRIVE**

**Super VHS ET**

**SHOWVIEW**

**VIDEOplus+**

**CRYSTAL CLEAR  
VIDEO**

**DIGITAL  
TIME BASE  
CORRECTOR**

**TAPE MANAGER**

**TURBO  
TIMER**

**FLYING  
ERASE HEAD**



*Let's make things better.*



**PHILIPS**

## Product Information

### Reception - Installation

- Tuner: Full Tuner (UHF + VHF + Hyperband)
- TV Systems: PAL B/G, PAL D/K, MESECAM B/G, MESECAM D/K
- Tuning: FST, CH entry, 99 presets
- Tuning/Install Features: Guide Channel Mapping, Manual Search/Store, Plug & Play
- Sound Systems: German Stereo, Mono, NICAM
- Modulator: Pal GK (Auto)
- Modulator Features: Electr. On/Off switch
- Frequency Adj. Range: Ch 22 - Ch 69

### Video System

- Record / Playback Standard: MESECAM, PAL
- Additional Playback Standard: NTSC (non-stand. Pb in colour)
- Picture Improvement System: Digital Studio Picture Control, Crystal Clear Video, Digital Noise Reduction, SMART Picture, Time Base Correction

### Sound System

- Audio Recording System: FM Audio, Linear
- Audio Recording Level: Automatic, Manual
- Audio Dubbing: yes

### User Interface

- OSD Menu Languages: Dutch, French, German, Russian, Czech, Polish, Hungarian, English, Spanish, Swedish, Finnish, Danish, Norwegian, Italian
- Time/Date Download: PDC, Text (Time/Date)
- Resolution: >400 lines in S-VHS, >240 lines HQ+
- Assemble: Perfect
- Insert: Video & Audio
- Editing System: LANC, Synchro (JVC; Hitachi DC)
- Tape Archiving System: Tape Manager
- TV related digital bus funct.: Cinema Link

### Remote Control Unit

- Remote Control type: RT519/101, Jog/Shuttle, glow buttons
- Remote Control codes: TV-Multibrand, VCR-RC5
- Alternate Channel button: yes

### Programming

- Number of Events: 8/year
- Programming Mode: Remote
- Record Control & Transmitter Identification: PDC, VPS
- Programming System: Daily/Weekly, ShowView
- Special Timer Programming: Turbo Timer, Quick Programming
- Automatic SAT. Recording: Record Link via SCART 2
- Record Speed: Long Play, Standard Play
- Record Speed Selection: Automatic, per Timer

### Tape Deck

- VCR System: S-VHS, SVHS-ET, VHS-HQ
- Number of Video / FM Audio / Flying Erase Heads: 4 / 2 / 1
- Play: +1, -1, Repeat
- Playback Features: Perfect Still, Multiple Search Speed, Variable Slow Motion Speed
- Index Search Related Functions: Next/Prev. index search
- Tape Length Recognition: Automatic
- Tape Counter: Linear relative, Time left
- Wind / Rewind Time (E180): 75 sec.
- Automatic Functions at Tape End: Rewind after Play & after Record
- Automatic Playback: protected Tape
- Head Cleaning Mode: Automatic
- Dirty Head Warning: yes

### Connectors Rear

- EXT1: Black, Euro CVBS in/out, Y/C In/Out Switchable
- EXT2: Black, Euro CVBS in/out, Euro Decoder, Y/C In Switchable
- Audio Conn. Rear: Cinch stereo out
- Synchro Edit (JVC): Mini Jack 3.5mm
- LANC Edit: Mini Jack 2.5mm
- Terrestrial Antenna In / Out: 75 Ohms (IECtype)
- Mains Connector: Standard (IECtype)

### Connectors Front

- Audio/Video Conn. Front: Cinch CVBS in, Cinch stereo in, SVHS In

### General

- Power Voltage: 220-2240V, 50Hz
- Backup Presets: 1yr
- Backup Clock, Calendar, Timer: 10mn
- Power Cons. in Play / Stand-By: 23.0 / 4.7
- Equipment Supplied: Aerial Cable, Batteries, Full SCART
- Weight incl. / excl. package in kg: 6.4 / 4.6
- Set Size - W x D x H (mm): 435 x 330 x 94
- Packaging Size - W x D x H (mm): 562 x 466 x 200

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## Product Highlights

### • Turbo Drive

Turbo Drive is not only a synonym for winding and rewinding at very high speed. It also stands for other high performance Deck features. The built-in Head Cleaner removes dirt from the video heads each time you put in a cassette. The new Dirty Head Warning feature will display a message on the TV screen whenever it is recommended to use a cleaning tape to overcome severe dirt coating. In addition a Tape Position Indicator shows on your TV screen the progress of winding and rewinding of the tape in real time.

### • S-VHS-ET

Enjoy best possible picture quality from S-VHS technology while using VHS tapes.

### • Crystal Clear Video

With Crystal Clear Video, Philips has created the perfect combination of technologies to guarantee the best possible picture restitution:

- Digital Studio Picture Control: Optimises the picture rendition regardless of the quality of tape used.
- Laser cut Video Heads: They have a better profile for a superior head/tape contact. Lesser wear guarantees longer life and higher performance quality.
- Studio Tracking System: It improves the tracking accuracy and reduces the crosstalk noise.
- Natural Colour: It cleans the colour from any kind of noise and corrects the spill.

### • Digital Time Base Corrector

With this feature, the playback picture appears perfectly stable without any visible jitter. Vertical edges are straight, like drawn with a ruler. The combination with an S-VHS recording gives you the real cinema feel.

### • Tape Manager

Tape Manager gives a dedicated number to any new tape inserted in the VCR. Each time you make a recording on that cassette, the VCR will download the programme title (if available from the broadcaster) and will store it in the VCR's memory. If the title wasn't available, the date of recording and the programme number are stored instead. Tape Manager offers you the possibility to add or remove cassettes from the system and to find or edit the titles easily.

### • Turbo Timer

Is Timer Programming complicated? No!

Is Timer Programming time consuming? No!

Just push the Turbo Timer button on the remote control. The display of your VCR asks you then for the start and end time as well as the programme's number. That's it. Just a number of seconds.

### • Flying Erase Head

Give a professional touch to your video editing. The flying erase head makes sure that transition points between recordings are distortion-free.

Subject to modification without notice

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