

Record for today on Hard Disk and preserve for life on DVD

Record anything without having to worry ever again where to store it. Keep what you like in lasting digital quality on DVD

The perfect recording solution

- 160 GB Hard Disk for more than 250 hours of TV recording
- One Touch Recording from Hard Disk to DVD for archiving your favourites
- FlexTime watch the beginning while you record the end
- Instant Replay/Pause Live TV

TV Recording made simple!

- GUIDE Plus+ on-screen TV Guide for Point & Click TV recording
- Sat Mouse for full Set Top Box control through your DVD Recorder/Hard Disk

Preserve your favourite memories on DVD

- i.LINK digital connection for perfect camcorder copies
- Smart chaptering for automatic scene-based chapter marking via i.LINK

Share your favourite recordings

- Two-way Compatibility: The DVDs you create will play on DVD players and PC drives
- Always compatible recordings: no choosing between (non) compatible discs or rec modes



PHILIPS

Technical Specification

Storage media

Hard Disk recording	160 Gb HDD
Optical disc recording	DVD+RW/+R
Optical disc playback	DVD-Video, Video CD, Super VCD, Audio CD, MP3 CD, CD-R/RW, DVD-R, DVD-RW

Record modes

Max HDD recording time	256 h
Max DVD recording time	8 h
DVD record modes	M1, M2, M2x, M3, M4, M6, M8

TV systems

Playback:	PAL/NTSC
Recording:	PAL/NTSC
Internal tuner:	PAL/SECAM

Video Performance

AD Converter	9 bit, 27 MHz
DA Converter	10 bit, 54 MHz

Audio

Recording	Dolby Digital 2-channel
Playback	Dolby Digital, DTS, MPEG2 Multichannel, MPEG1 layer 3 (MP3), PCM

Audio Performance

AD Converter	24 bit, 48 kHz
DA Converter	24 bit, 48 kHz
Signal / Noise (1kHz)	105 dB
Dynamic range (1kHz)	90 dB
Cross-talk (1kHz)	105 dB
Distortion / Noise (1kHz)	90 dB

Front Connections

- i.LINK DV in (IEEE 1394 4-pin)
- S-video in
- Video in
- Audio left/right in

Rear Connections

- Scart 1 (cvbs, S-video/rgb out)
- Scart 2 (cvbs, S-video/rgb in, decoder)
- S-video out
- Video out (cvbs)
- YUV out
- Audio left/right out
- Digital audio out (coaxial/optical)
- RF antenna in
- RFTV out
- G-LINK (for Sat Mouse)
- Mains

Interactive Program Guide

IPG	GUIDE Plus+
Timer programming	IPG/Manual/ShowView / Video Plus+
Number of events	12;1 month; daily/weekly
Set Top Box control	Sat Mouse (IR Blaster)
Recording control	VPS/PDC

Interoperability

- Follow TV
- Direct Record

Video Editing Functions

- Favorite Scene Selection
- Automatic/Manual Chapter Marker insertion
- Selectable Index Pictures
- Append
- Divide

Disc Library

- Title browsing with index pictures
- Automatic title extraction via IPG
- Up to 9000 titles
- Up to 999 discs

On-Screen Display

Languages	English, French, German, Dutch, Spanish, Portuguese, Italian, Swedish, Danish, Norwegian, Finnish
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Power Supply

- 200-240 V, 50/60 Hz
- 38 W power consumption (operation)
- 11 W power consumption (standby)
- 3 W low power consumption (standby)

Cabinet

Dimensions (w x h x d)	435 x 76 x 335 mm
Net Weight	5,35 kg

Package Contents

- DVD Recorder / Hard Disk
- Remote Control + batteries
- Sat Mouse (IR extender cable)
- Directions for use
- SCART cable, fully connected
- Coax RF antenna cable
- Mains cable

Product Highlights

FlexTime

With FlexTime you can watch a program while it's still being recorded, thanks to the extreme speed of a Hard Disk. You can also watch a different program from the Hard Disk while it's recording something else.

Instant Replay

With Instant Replay you are in control of exciting TV moments so you can enjoy a precious TV moment like a scene in a movie or football match again – immediately, at the press of a button. The Hard Disk can play back any scene while continuing to record the rest of the programme, so you can instantly replay the last scene at any moment.

Pause Live TV

A very large built-in memory records the program on screen when you press the pause button. When it suits you, you can resume the program from the moment you pressed 'pause' as if you're watching a live program.

High-Speed archiving (from HDD to DVD)

High speed archiving lets you make a copy of a recording from Hard Disk to DVD in a fraction of the original recording time. Once the program is stored on HDD you can copy it to DVD+R/+RW at maximum speed.

GUIDE Plus+

GUIDE Plus+ is an Interactive Program Guide – a free on-screen TV Guide that shows what's on TV for the next couple of days and lets you program the timer of the DVD Recorder with the push of a button.

Sat Mouse

The Sat Mouse is a special accessory that lets a DVD Recorder control external satellite receivers. It sends infra-red remote control commands in order to switch the satellite receiver on and select the correct channel.

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Specifications are subject to change without notice
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