

Philips  
DVD Recorder/Hard Disk  
with FlexTime and i.LINK  
digital input



HDRW720



## DVD Recorder/Hard Disk

Record today on Hard Disk and preserve for life

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

- Record up to 130 hours of TV on the 80GB hard disk
- High-speed archiving from HDD to DVD at up to 20x speed
- One Touch Pause Live TV freezes the action instantly
- Instant Replay for reliving a live TV moment with one touch
- FlexTime to watch the beginning while you record the end

### TV Recording made simple!

- Guide Plus+ electronic on-screen TV guide
- Infrared control for recording from set-top box

### Preserve your favorite memories on DVD

- Smart chaptering adds scene-based chapter markers via i.LINK
- i.LINK digital input for perfect digital camcorder copies

### Share your favorite recordings

- Your DVDs will play on existing DVD players and drives
- Always compatible recordings: with DVD+R/RW discs

# PHILIPS

# Highlights

## 80 GB hard disk

Record up to 130 hours of TV on the 80GB hard disk

## High-Speed archiving:20x speed

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.

## One Touch Pause Live TV

Pause Live TV puts you in absolute control. Once the recorder is turned on, a large built-in memory automatically starts recording the program you are watching -- allowing you to pause, replay or save the program, anytime. If you need to take a break, you can pause your 'live' TV program with just one touch of a button, and resume watching when it suits you.

## Instant Replay

With Instant Replay, you can relive magic movie moments and super sports scenes - anytime you want. At the touch of a button,

the hard disk will replay the last 30 seconds. Skipping backwards further requires nothing more than pressing the button again.

## 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.

## Guide Plus+ on-screen TV guide

GUIDE Plus+ is an Electronic 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.

## Set-top box infrared control

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.

## Smart chaptering

Smart chaptering detects scene cuts (time/date changes) in the DV original to ensure the chapters in the DVD copy are lined up exactly.

## i.LINK digital input

Also known as IEEE 1394 and FireWire, i.Link carries all audio and video signals via a single cable digitally, with no loss in picture and sound quality. With i.Link digital video input, you can copy your home videos in their original digital picture quality.

## Two-Way Compatibility

DVD Recorders can play regular DVD-Video discs, but equally important is that DVD+R and DVD+RW discs recorded on them can be played on existing DVD-Video players.

## Always compatible recordings

Always compatible recordings: with DVD+R/RW discs



# Specifications

## Picture/Display

- A/D converter: 9 bit, 27 MHz
- D/A converter: 10 bit, 54 MHz
- Color cabinet: precision silver

## Sound

- A/D converter: 24 bit, 96 kHz
- Crosstalk (1kHz): 105 dB
- D/A converter: 24 bit, 96 kHz
- Dynamic Range (1kHz): 90 dB
- Signal/noise ratio: 105

## Video Playback

- Compression formats: MPEG1, MPEG2
- Playback Media: CD, CD-R, CD-RW, DVD, DVD+RW, DVD+R, DVD-RW (Video mode), DVD-R, DVD-Video, MP3-CD, SVCD, Video CD
- Disc Playback Modes: A-B Repeat, Chapter repeat, Disc Menu, Fast Backward, Fast Forward, Framestep Forward, Pause, PBC, Resume Playback from Stop, Search forward/reverse, Shuffle Play, Slow Motion, Title Repeat, Zoom
- DVD Region.: 2
- Video disc playback system: NTSC, PAL

## Video Recording

- Audio compression: Dolby Digital
- Compression formats: MPEG2
- Max recording time on DVD: 8 hr
- Recording enhancements: Chapter Marker Insertion, Divide, Erase, Manual Chapter Marking, One Touch Record (OTR), Program Name Recording, Safe Record, Selectable Index Pictures, Station ID Recording
- Recording Modes: M1: 60 minutes, M2: 120 minutes, M2x: 150 minutes, M3: 180 minutes, M4: 240 minutes, M6: 360 minutes, M8: 480 minutes
- Recording system: NTSC, PAL

## Audio Playback

- CD Playback Enhancements: Introscan, Next/Previous Track, Repeat, Shuffle
- Compression format: Dolby Digital, DTS, MP3, MPEG2 Multichannel, PCM
- Playback Media: CD, CD-R, CD-RW, MP3-CD
- Disc Playback Modes: Fast Forward/Backward, Next/Previous Album Search, Next/Previous Track Search
- File systems supported: ISO-9660
- ID3-tag support
- Loader Type: Motorised, Tray
- MP3 sample rates: 32, 44.1, 48 kHz

## Storage Media

- Extra Hard Disk Technology: Pause Live TV, Simultaneous Record & Playback
- Hard Disk Capacity: 80 GB
- HDD recording enhancements: Instant Jump, Instant Replay, Time Shift Buffer, Time Status Bar
- HDD to DVD copying: high-speed (direct copy)
- HDD video recording capacity: 128 hr
- Recording media: DVD+R, DVD+RW
- Recording speed: upto 20x on DVD+R/+RW

## Tuner/Reception/Transmission

- Aerial Input: 75 ohm coaxial (IEC75)
- TV system: PAL, SECAM
- Video Playback: NTSC, PAL, SECAM

## Connectivity

- Ext 1 Scart: CVBS in/out, Audio in/out, RGB out, S-video out
- Ext 2 Scart: CVBS in/out, Audio in/out, S-video in, RGB in, Decoder
- Front / Side connections: Audio L/R in, i.LINK DV in (IEEE1394, 4-pin), S-video in, Video in
- Other connections: Analog audio Left/Right out, Antenna IEC75, Component Video out Interlaced, Composite video (CVBS) out, Digital coaxial out, Digital optical out, IR mouse, S-Video out

## Convenience

- Child Protection: Child Lock
- Compass GUI: HDD part Yes, DVD+RW no
- User convenience: Electronic Programming Guide, Menu Languages
- Disc Library: Up to 9000 titles, Up to 999 discs
- Display Type: FTD
- Drop proof: 76 cm
- Ease of Installation: Autoinstall, Automatic Channel Install(ACI), Automatic Tuning System (ATS)
- Ease To Experience: Demo Mode
- Electronic Program Guide: GUIDE Plus+
- Front Controls: Cursor up/down/left/right, FF/NEXT, Guide, HDD, OK, Open/Close, play, Record, RWD/PREV, stop
- Language support: tbc
- On-Screen Display languages: Danish, Dutch, English, Finnish, French, German, Italian, Norwegian, Portuguese, Spanish, Swedish
- Pre-set Channels: 99
- Programmable Events: 12
- Programming Period: 1 month
- Programming/Timer Enhancements: Automatic Satellite Recording, Daily/Weekly Repeat Program, IR Set Top Box Control, Manual Timer, One Touch Recording, ShowView, VPS/PDC recording control
- Remote Control: Multi-brand
- Remote control: Zappa+
- Remote control type: RC19046006

## Accessories

- Included accessories: AC Power Cord, Batteries for remote control, Coax RF antenna cable, Full SCART cable, IR extender cable, Quick start guide, Remote Control, Safety & warranty booklet, User Manual
- Included batteries: 2x Longlife AA
- Printed User Guide
- Quick start guide
- Registration card: European version
- Remote control: Zappa+

## Green Specifications

- Packaging material: Carton
- User manual: Recycled paper

## Dimensions

- Carton dimensions (WxDxH) inch: 22.4 x 16.5 x 7.2
- Carton dimensions (WxDxH): 570 x 420 x 182 mm
- Product dimension (WxDxH) inch: 17.1 x 13.2 x 3.0
- Product dimensions (WxDxH): 435 x 335 x 76 mm
- Product weight: 5.3 kg
- Product weight (lb): 000
- Temperature range (operation): 0°C to 40°C
- Weight incl. Packaging: 8 kg

## Power

- Power consumption: 38 W W
- Power supply: 200-240 V, 50Hz
- Standby power consumption: 3



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