

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 disc
- High-speed archiving from HDD to DVD at up to 20x speed.
- Pause Live TV lets you take a break without missing a thing
- 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 favourite memories on DVD

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

Share your favourite recordings

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

PHILIPS
sense and simplicity

Specifications

Picture / Display

- **A/D converter:** 9 bit, 27 MHz
- **D/A converter:** 10 bit, 54 MHz

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 disc 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:** 130 hr
- **Recording media:** DVD+R, DVD+RW
- **Recording speed:** up to 20x on DVD+R in M8 mode

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:** Analogue 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
- **Convenience enhancements:** 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 Programme Guide:** GUIDE Plus+
- **Front controls:** Cursor up / down / left / right, FF/NEXT, Guide, HDD, Power / standby, 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, VIDEO Plus+, 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 guide, recycled paper

Dimensions

- **Carton dimensions (WxDxH) inch:** 22.4 x 16.5 x 7.2
- **Carton dimensions (WxDxH):** 570 x 420 x 182 mm
- **Colour cabinet:** precision silver
- **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 (lbs):** 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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Product highlights

80 GB hard disc

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 programme is stored on HDD you can copy it to DVD+R/RW at maximum speed.

Pause live TV

A very large built-in memory records the program you are currently watching 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.

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 TV program.

FlexTime

With FlexTime you can watch a program while it's still being recorded, thanks to the extreme speed of a hard disc. You can also watch a different program from the hard disc 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 is the worldwide standard for connecting digital video devices, used on digital home video equipment such as DV and D8 camcorders, as well as PCs. Conveniently, it carries all audio and video signals via a single cable. With i.LINK Digital Video input you can copy your home videos in their original digital picture quality.

2 way compatibility

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

Always compatible recordings

