

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 more than 190 hrs of TV on a 120 GB 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!

- TV Guide On-screen provides Point and Click TV recording
- Channel Blaster controls external channels via DVD recorder

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

- Benefit from the highest DVD compatibility available
- Compatibility regardless of the recording mode

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Highlights

120 GB hard disk

Record more than 190 hrs of TV on a 120 GB 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.

TV Guide On Screen

TV GUIDE On Screen 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.

Channel Blaster

The Channel Blaster is a special accessory that lets a DVD Recorder control external cable TV receivers. It sends infra-red remote control

commands in order to switch the cable box 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.

DVD+RW highest compatibility

Benefit from the highest DVD compatibility available

Compatibility in all rec modes

Compatibility regardless of the recording mode



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.: 1
- Video disc playback system: NTSC, PAL
- Video Enhancement: DCDi, Progressive Scan

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: 120 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: 192 hr
- Recording media: DVD+R, DVD+RW
- Recording speed: upto 20x on DVD+R in M8 mode

Tuner/Reception/Transmission

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

Connectivity

- 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 2x, Antenna, Component Video (YPbPr) input, Component Video out Interlaced, Component Video out Progressive, Composite video (CVBS) input, Composite video (CVBS) out, Digital coaxial out, Digital optical out, IR mouse

Convenience

- Child Protection: Child Lock, Parental Control
- Compass GUI: HDD part Yes, DVD+RW no
- User convenience: Closed Captioning (analog), Electronic Programming Guide, Menu Languages, Vchip and parental lock
- Disc Library: Up to 9000 titles, Up to 999 discs
- Display Type: FTD
- Drop proof: 91 cm
- Ease of Installation: Autoinstall, Automatic Channel Install (ACI), Automatic Tuning System (ATS)
- Ease To Experience: Demo Mode
- Electronic Program Guide: Automatic Series Recording, TV Guide On Screen
- 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: English, French, Spanish
- Pre-set Channels: 181
- Programmable Events: 12
- Programming Period: 12 month
- Programming/Timer Enhancements: Daily/Weekly Repeat Program, Manual Timer, One Touch Recording, VCR Plus+, IR Cable Box Control
- Remote Control: Multi-brand
- Remote control: Zappa+
- Remote control type: RC19046008

Accessories

- Included accessories: AC Power Cord, Audio Cable, Batteries for remote control, Blank DVD+RW Disc, Coax digital audio cable, Coax RF antenna cable, IR extender cable, Quick start guide, Remote Control, S-video cable, User Manual, Video Cable, YPbPr component video cable
- Included batteries: 2x Longlife AA
- Printed User Guide
- Quick start guide
- Registration card: none
- Remote control: Zappa+
- Warranty Card: North American version

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: 000 kg
- Product weight (lb): 000
- Temperature range (operation): 0°C to 40°C
- Weight incl. Packaging: 8 kg

Power

- Power consumption: 30 W
- Power supply: 110V, 60Hz
- Standby power consumption: 3



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