

Mobile DVD Player, external CD ReWriter / DVD-ROM, audio MP3 CD Player

DVD-Player CD-Burner

Top, front, bottom

- Metal top cover, Power button, IR receiver, Open button, Blue Button. LED function indicators, Emergency eject pin hole

Connections

- 12V DC jack, Digital Audio out (SPDIF) 3.5mm mini Jack, USB 2.0, Headphone out 3.5mm mini Jack, Audio out 3.5mm mini Jack, S-Video out (Y/C) Mini DIN 4 pins, Video out (CVBS) 3.5mm mini Jack

Operating temperature/Humidity

- 5-35°C / 8-80%RH

Drive Dimensions and Weight

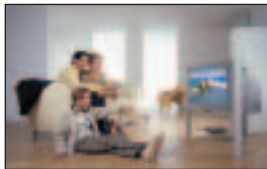
- H34xL174xW130 / Weight 630gr.

Bundled Software

- Recording s.w.: Easy CD Creator / Direct CD / Toast 5
- DVD playback s.w.: Power DVD

Warranty

- 2 years



Play DVD Videos, photos, games or audio MP3 CD music

Play DVD Videos on your TV and create a home cinema by connecting your JackRabbit to a Dolby surround decoder and have the full digital sound experience. Share your photos (JPG) with your family and friends via TV.

Play your audio and audio MP3 CDs stand alone, listening via your headphones, or connect the JackRabbit to your audio equipment.

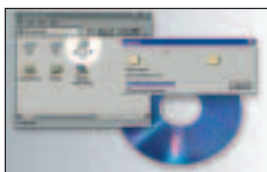


The JR32RWDV enables true convergence between PCs and consumer audio / video electronic products. It's all possible with this "all in one" CD-R/RW / DVD-ROM drive / MP3 CD player.



'EasyWrite' Simple, Fast and Robust

EasyWrite, the new standard for writing to CD-RW discs is compliant with Mount Rainier. CD-RW drives with EasyWrite 'on board' combine the simplicity of a floppy disc, large storage capacity of CD, and robustness towards dirt and scratches on CDs. This ultimate floppy replacement offers considerable added value in business and home PCs.



Seamless Link buffer underrun protection

Seamless link protects against the consequences of buffer underrun errors by automatically monitoring the drive's buffer memory. Saves time and money.

Thermo-Balanced Writing

TBW strategy analyses the quality of the recording media and adapts the writing strategy to prevent errors.

The result is the fastest recording speed possible.



Blue Button application for direct Internet access

One push on the Blue Button upgrades your drive with the latest firmware, leads you directly to the Internet for support or automatically launches your favourite application.



Easy connection via USB1.1/ 2.0

True 32x recording via USB2.0 and backwards compatibility via USB1.1 (max 4x recording). Up to 40x read speed and 32x Digital Audio Extraction (max 6x via USB1.1)

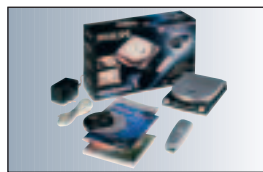
Note: DVD-video playback is not possible via USB1.1, because the interface speed is too low!



Make your own audio CDs and save important files to CD, and standalone playback!

Compile your MP3, audio tracks and Video clips to CD in no time. Create regular CDs from MP3 files.

Safeguard your important files for decades. CDs are most reliable and compatible storage media available for archiving and backup. It's safe, simple and fast.



Box Content

- R32RWDV mobile DVD-video player, CD ReWriter/DVD Read Combo drive
- IR Remote Control including batteries
- Power Supply
- Install and Software CD containing CD recording software, DVD video playback software for PC and CD recording software for MAC
- Instructions for use (for stand-alone DVD-Video player use only)
- "How to..." Booklet (for using the drive with your PC)
- S-video cable (S-VHS)
- Video cable (CVBS)
- Digital audio cable (SPDIF)
- Audio cable
- USB 2.0 cable
- One blank CD-RW

<http://www.philips.com/PCstuff>

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Specifications subject to change without notice

Let's make things better.



PHILIPS

JR32RWDV

External DVD player, CD ReWriter / DVD-ROM, Audio MP3 CD player

DVD-Player
CD-Burner

Smart, Mobile, Multi Purpose
The first "All-in-One" device that converges
your Home and PC environments.

Main Features:

- DVD-Video playback, watch movies when connected to your TV
- External CD ReWriter & DVD read Combo for PC and Notebook
- Standalone Audio MP3 CD player



Toast 5



JACKRABBIT 

Let's make things better.



PHILIPS

Write CDs RECORD & **Watch DVDs** SHOW



Watch DVD-Video on TV and PC
Regardez DVD-Vidéo sur TV et sur PC



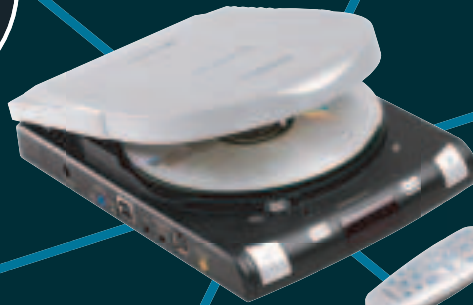
Burn both audio and video CDs
Ecrivez des CD's audio même que des CD's vidéo



Connect to your audio-set to listen to your favourite MP3-CDs
Connectez à votre installation audio pour entendre vos CD's-MP3 favorites



Experience the magic of 5.1 digital surround sound
Faites l'expérience magique de 5.1 digital surround sound



Plug-in your headphone and listen to your music
Branchez votre casque récepteur et entendez votre musique



Watch your photos on TV and PC
Regardez vos photos sur TV et sur PC

Other DVD, Audio CD player features:

- Smart photo viewing on TV
- On Screen Display (OSD) function
- Remote Control for music navigation and DVD-Video control
- Headphone, analogue and digital line out
- Battery pack prepared



Other CD Rewriter / DVD Read features:

- 32x CD write, 10x ReWrite, 40x CD Read and 12x DVD Read
- USB 2.0 High Speed Interface
- "EasyWrite": Write to CD with the simplicity of a floppy disk
- Up to 32x Audio Extraction
- Blue Button for direct Internet access
- Thermo Balanced Writing (TBW) for optimal writing quality
- Buffer underrun protection by Seamless Link
- PC and MAC OS X compatible

Let's make things better.



PHILIPS

Mobile DVD Player, external CD ReWriter / DVD-ROM, audio MP3 CD Player

DVD-Player CD-Burner

Hardware specifications

Playback system

- DVD-Video
- Video CD (VCD)
- SVCD
- Picture CD
- MP3-CD
- CD (CD-R and CD-RW)
- DVD+RW

Audio format

- | | | |
|-----------|-----------------------------|--|
| • Digital | Mpeg / Dolby
Digital PCM | Compressed digital,
16,20,24 bits
fs, 44.1, 48, 96 kHz |
| | MP3 (ISO 9660) | 24, 32, 56, 64, 96
128, 256 kbps & variable bit rate
fs, 16, 22.05, 24, 32, 44.1, 48 kHz |

- Analog Sound Stereo
- Dolby surround compatible down mix from Dolby Digital multi-channel sound
- 3D Sound for virtual 5.1 channel sound on 2 speakers

General functionality DVD Player

- Stop / Play / Pause
- Fast forward / backward
- Slow motion
- Title / chapter / track select
- Skip next / skip previous
- Repeat (Chapter / title / all) or (Track / all)
- A-B repeat
- zoom

TV standard

- | | PAL | NTSC |
|-------------------|-----------------------------|-------------|
| • Number of lines | 50Hz
625 | 60Hz
525 |
| • Play back | Multi-standard (PAL / NTSC) | |

Video format

- | | | |
|-------------------------|--|------------|
| • Digital compression | MPEG 2 for DVD, SVCD
MPEG 1 for VCD | |
| • DVD | 50Hz | 60Hz |
| • Horizontal resolution | 720 pixels | 720 pixels |
| • Vertical resolution | 576 lines | 480 lines |
| • VCD | 50Hz | 60Hz |
| • Horizontal resolution | 352 pixels | 352 pixels |
| • Vertical resolution | 288 lines | 240 lines |

DVD functionality

- Multi-angle selection
- Audio selection (1 out of max. 8 languages)
- Subtitles selection (1 out of max. 32 languages)
- Aspect ratio conversion (16:9, 4:3 Letterbox, 4:3 Pan Scan)
- Disc Menu support

Video CD functionality

- Playback control for VCD 2.0 discs

SVCD functionality

- Playback control as per SVCD standard
- Audio Selection (1 out of max. 4 languages)

Picture CD & MP3 CD functionality

- Playback the pictures one by one automatically
- Zoom the picture
- Rotate the picture
- Control the playback speed
- Album and track selection
- Repeat (disc / album / track / Picture)

Shuffle

- For Random play of images, tracks or titles

Maximum Speeds CD-R/RW / DVD-ROM

- | | | |
|--------------------|-------|--------------|
| • CD Write speed | : 32x | 4800 kB/sec |
| • CD Rewrite speed | : 10x | 1500 kB/sec |
| • CD Read speed | : 40x | 6000 kB/sec |
| • DVD Read speed | : 12x | 16200 kB/sec |

- Audio Read speed 4x, buffered to audible audio on 1x.

Interface

- USB 2.0, USB1.1 (backwards compatible)
- Audio: Line out, SPDIF Digital out, Headphone out
- Video: CVBS, S-VHS

Buffer

- 2MB

Capacity CD

- Up to 700 MB (Based on 80 min. media)

Random Access time

- CD : AVG < 125msec.
- DVD: AVG < 140msec.

Media type for reading

- CD : All popular CD formats; CD-Recordable and CD-ReWritable 80 and 120mm
- DVD: DVD-ROM, DVD+R, DVD+RW, DVD-R, DVD-RW.

Media type for writing

- CD-Recordable and CD-ReWritable 80 and 120mm. 74 and 80 min media (high quality Philips media recommended for high speed writing)
- 80 mm CDs can be used for both read and write functions (horizontal position only)

CD Formats Supported

- CD-DA, CD-ROM (XA), CD-Bridge, CD-Text, CD-I, MP3 CD, Photo-CD, Video-CD, S-video CD, CD-Extra, DVD-ROM, DVD-Video, DVD+RW, DV+R, DVD-R, DVD-RW.

Supported Read Methods

- Track at once (TAO), Disc at once (DAO).
- Audio extraction (RAW data)
- Multi Session (MS), Session At Once (SAO).
- Audio play (buffered to 1x)
- Incremental Packet Writing (IPW).

Supported Write Methods

- Track at once (TAO), Disc at once (DAO)
- Multi Session (MS), Session At Once (SAO)
- Incremental Packet Writing (IPW).
- Test Write
- Direct overwrite on CD-RW discs in all modes (DOW)
- Audio

Applicable Operating Systems

- Windows® 98SE, Windows® ME, Windows® 2000 Professional, Windows® XP, MAC OS X.

Installation Photo wizard

- Simplify Installation! Unique step-by-step Photo installation CD shows you the way.

Firmware upgrade

- Via Flash Tool (see: www.philips.com/PCstuff)

Command set

- MMC 3 compliant

Orientation during operation

- Horizontal

Recording format

- UDF and ISO 9660

Power requirements

- 12V DC, average power consumption 16W

Laser Power Control

- Embedded OPC (Optimum Power Control)