

DVD Video Player
DVD 950

Philips Matchline DVD-Video Player DVD 950

- DVD / Video CD / Audio CD / CD-R / CD-RW play back
- AC-3 / MPEG2 decoder build in (5.1 Channel output)
- Digital Audio output (PCM / MPEG / AC-3 / DTS)
- Enhanced ease of use graphical interface
- Parental Control and Disc Lock
- Dual Laser optical pickup unit
- Perfect Still picture and Zoom
- Dolby Surround for analog out
- 10 bit Video DA converter
- Universal Remote Control
- Multi system Video out
- Smart Picture
- Cinemalink
- 3D Sound
- Headphone
- Slow motion
- Screen saver



Let's make things better.



PHILIPS

DVD Video Player

DVD 950

Technical Specifications DVD 950

Playback System

- DVD Video
- Video CD
- CD (CD-R and CD-RW)

Optical Read-out System

- Laser type Semiconductor AlGaAs
- Numerical Aperture 0.6 (DVD)
0.45 (VCD/CD)
- Wavelength 650 nm (DVD)
780 nm (VCD/CD)

DVD Disc Format

- Medium Optical disc
- Diameter 12 cm (8 cm)
- Playing time (12 cm)
 - one layer 2.15h¹
 - dual layer 4h¹
 - two side, single layer 4.30h¹
 - two side, dual layer 8h¹

TV Standard

- | | | |
|-------------------|--------------------------|-------|
| | PAL | NTSC |
| | 50 Hz | 60 Hz |
| • Number of lines | 625 | 525 |
| • Playback | Multistandard (PAL/NTSC) | |

Video Format

- DA Converter 10 bits
- Signal handling Components
- Digital Compression MPEG2 for DVD
MPEG1 for VCD

- | | | |
|--------------------|-------------------------|-------------------------|
| <i>DVD</i> | 50 Hz | 60 Hz |
| • Hor. Resolution | 720 pixels ² | 720 pixels ² |
| • Vert. Resolution | 576 lines | 480 lines |
| <i>VCD</i> | | |
| • Hor. Resolution | 352 pixels | 352 pixels |
| • Vert. Resolution | 288 lines | 240 lines |

Video Performance

- Video output 1 V_{pp} into 75 Ohm
- S-Video Output Y: 1 V_{pp} into 75 Ohm
C: 0.300 V_{pp} into 75 Ohm
- RGB output 0.7 V_{pp} into 75 Ohm
- Black Level Shift On/Off
- Video Shift Left/Right

Audio Format

- Digital MPEG/ Compressed Digital
DTS/AC-3
PCM 16,20,24 bit
fs, 48, 96 kHz
- Analog Sound Stereo & Dolby Pro Logic
(VCD & downmix from multichannel sound)
Full decoding of multi-channel surround sound.
3D Sound for virtual 5.1 channel sound on 2 speakers.

Audio Performance

- DA Converter 24 bits
- DVD f_s 96 kHz 4 Hz-44 kHz
f_s 48 kHz 4 Hz-22 kHz

- Video CD f_s 48 kHz 4 Hz-22 kHz
- CD f_s 44.1 kHz 4 Hz-20 kHz
- Signal-Noise (1 kHz) 110 dB
- Dynamic Range (1 kHz) 100 dB
- Crosstalk (1 kHz) 115 dB
- Distortion / Noise (1 kHz) 92 dB
- Headphone 30 mW at 32 Ohm load
- Headphone impedance 8-2k Ohm

Connections

- SCART 2 Euroconnector
- S-Video Output Mini DIN, 4-pins
- Video Output Cinch (yellow)
- Audio L+R output Cinch (white/red)
- Audio Front Left/Right Cinch (white/red)
- Audio Surr. Left/Right Cinch (white/red)
- Audio Centre Cinch (blue)
- Audio Subwoofer Cinch (black)
- Digital Output 1 coaxial, 1 optical
IEC958 for CDDA/
LPCM
IEC1937 for MPEG1/2,
AC-3
DTS
- Headphone 6.5 mm Jack

Power Supply

- Power Inlet 100-240 V, 50/60 Hz
- Power usage 20 Watt
- Power usage standby less than 5 Watt

Cabinet

- Dimensions 435 x 88 x 315 mm
(W x H x D)
- Weight 4 Kg

Package Contents

- DVD-Video Player
- Universal Remote Control
- Power cable
- User Manual
- Euroconnector cable
- Audio cable
- Video cable

Carton

- Languages English (front, top)
French (rear)
Spanish (right)
German (left)

General Functionality

- Stop / Play / Pause
- Fast Forward/Backward (3-speed)
- Time Search
- Step Forward/Backward (on Virtual jog/shuttle)

- Slow (3-speed on Virtual jog/shuttle)
- Title / Track Select
- Skip Next / Skip Previous
- Repeat (Chapter / Title / All) or (Track / All)
- A-B Repeat
- Shuffle
- Scan
- Enhanced ("One OSD") menus
- Perfect Still with digital multi-tap filter
- Zoom (x1.33, x2, x4) with picture enhancement
- Personal Color change
- Cinemalink interconnection for plug&play
- 3D sound
- Per speaker setting of Volume, Delay, Range

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)
- Parental Control and Disc lock
- Disc Menu support (Title Menu and Root Menu)
- Resume (5 discs) after stop / standby
- Screen Saver (*Dim 75% after 15 min.*)
- Programming Titles/chapters with Favourite Selection

Video CD Functionality

- Playback Control for VCD 2.0 discs
- Disc lock
- Resume (5 discs) after stop / standby
- Screen Saver (*Dim 75% after 15 min.*)
- Programming Tracks with Favourite Selection

Audio CD Functionality

- Time Display (Total / Track / Remaining Track Time)
- Full audio functionality with remote control
- Programming with Favourite Track Selection

- 1 typical playing time for movie with 2 spoken languages and 3 subtitle languages.
- 2 Equivalent to 500 lines on your TV

Philips Disc Systems
P.O. Box 80002
5600 JB Eindhoven
The Netherlands

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