



Ultra-Slim DVD Video Player

PICTURE QUALITY

- **Smart Picture:** Convenience of ideal, personal and pre-defined settings
- **RGB on Scart:** Easy connectivity for high quality video
- **4 x Video Upsampling (54Mhz/12 bit):** For improved image quality

SOUND QUALITY

- **192kHz/24 bit Audio DAC:** For high quality audio performance
- **3D Sound:** Virtual surround sound via 2-speaker output
- **Smart Sound:** Pre-defined settings for optimum sound experience
- **Digital Optical Output:** For highest quality audio

GREAT CONVENIENCE

- **Multi-format playability:** Plays DVD-Video, DVD+RW, DVD+R, CD, CD-R/CD-RW, MP3-CD, VCD, S-VCD and Picture CD (JPEG)
- **Digital Zoom:** Advanced high resolution digital zoom for extreme close ups
- **Picture CD (JPEG) with MP3 playback:** Playback MP3s while viewing digital pictures on TV



Philips DVD-Video/VCR Player



Technical specifications DVD 731

Playback system

- DVD-Video
- Video CD (VCD)
- SVCD
- MP3-CD¹
- CD (CD-R and CD-RW)¹
- DVD+RW
- DVD+R

Optical read-out system

- Laser type Semiconductor AlGaAs
- Numerical Aperture 0.60 (DVD)
0.45 (VCD/SVCD/CD)
- Wavelength 650 nm (DVD)
780 nm (VCD/SVCD/CD)

DVD disc format

- Medium Optical disc
 - Diameter 12 cm (8 cm)
 - Playing time (12cm)
- | | |
|------------------------|---------------------|
| One layer | 2.15 h ² |
| Dual layer | 4 h ² |
| Two side, single layer | 4.30 h ² |
| Two side, dual layer | 8 h ² |

TV standard

- | | PAL | NTSC |
|-----------------|---------------------------|------|
| Number of lines | 625 | 525 |
| Playback | Multi standard (PAL/NTSC) | |

Video format

- Digital compression MPEG 2 for DVD, SVCD
MPEG 1 for VCD

	DVD	50Hz	60Hz
Horiz. resolution	720 pixels	720 pixels	720 pixels
Vertical resolution	576 lines	480 lines	480 lines
	VCD	50Hz	60Hz
Horiz. resolution	352 pixels	352 pixels	352 pixels
Vertical resolution	288 lines	240 lines	240 lines

Video performance

- RGB output 0.7 Vpp into 75 ohm
- Video output 1 Vpp into 75 ohm
- Video Shift Left/right

Audio format

Mpeg/Dolby Digital/DTS/PCM	Compressed Digital, 16, 20, 24 bits fs, 44.1, 48, 96 kHz
MP3 (ISO 9660)	96, 112, 128, 256 kbps & variable bit rate fs, 32, 44.1, 48 kHz

- Analog sound stereo
- Dolby surround compatible downmix from Dolby Digital multi-channel sound
- 3D sound for virtual 5.1 channel sound on 2 speakers

Audio performance (typical)

Audio performance (typical)		
D/A converter	24 bits	
DVD	Fs 96 kHz	4 Hz- 44 kHz
	Fs 48 kHz	4 Hz- 22 kHz
CD/Video CD	Fs 44.1 kHz	4 Hz- 20 kHz
S-Video CD	Fs 48 kHz	4 Hz- 22 kHz
	Fs 44.1 kHz	4 Hz- 20 kHz

- Signal-noise (1kHz) 105 dB
- Dynamic Range (1kHz) 100 dB
- Crosstalk (1kHz) 105 dB
- Distortion/noise (1kHz) 90 dB
- MPEG MP3 MPEG Audio L3

Connections

- Scart Euro connector 1x
- Video output Cinch (yellow)
- Audio L+R output Cinch (white/ red) 2x
- Digital Output 1 coaxial, IEC958 for CDDA/LPCM IEC1937 for MPEG 1/2, Dolby Digital

Power supply

- Power inlet 110-240 V, 50-60 Hz
- Power usage Approx. 10 watt
- Power usage standby Less than 1 watt

Cabinet

- Dimension 435 x 43 x 300 mm (w x h x d)
- Weight Approx. 2.8 kg

Package contents

- DVD-video player
- Remote control with batteries
- User manual
- Audio cable
- Scart cable

General functionality

- Stop / play / pause
- Fast forward / backward
- Step forward
- Slow motion
- Title / chapter / track select
- Skip next / skip previous
- Repeat (Chapter / title / all) or (Track / all)
- A-B repeat
- Zoom (x1.33, x2, x4) with picture enhancement
- 3D sound
- Screen saver
- Enhanced Smart Picture
- CD Text
- Resume (5 discs) after stop / standby³
- Parental control and disc lock (120 disc)
- Programming with Favorite Track Selection (FTS)
- NTSC / PAL conversion
- Smart power off for energy saving
- New Compass UI - New advanced and intuitive User Interface

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 (title menu and root menu)

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 functionality

- Playback pictures one by one automatically.
- Display the picture customer preferred.
- Zoom the picture.
- Rotate the picture.
- Flip the picture vertically or horizontally.
- Control the playback speed.
- Album and track selection.
- Repeat (disc / album / track / picture).

MP3-CD functionality

- Nested directory levels supported to 8 levels.
- Maximum album numbers possible is 32.
- Maximum MP3 Tracks Programmable is 96.
- Maximum Number of Tracks is 999.

¹ Applicable for single session finalised disc only.

² Typical playing time for movie with 2 spoken languages and 3 subtitle languages.

³ Applicable only for DVD, VCD, SVCD discs.

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