

Philips DVD-Video player



# MP3-CD playback

## PICTURE QUALITY

- **Smart Picture** : personalised colour settings
- **High quality digital zoom** on play and pause
- **RGB on scart**: highest quality video connection

## SOUND QUALITY

- **Digital coaxial audio output**
- **3D sound**: surround sound for stereo systems

## GREAT CONVENIENCE

- **Plays DVD-Video, VCD, SVCD, MP3-CD, CD-R, CD-RW and CD Audio**
- **Disc Lock** for enhanced parental control
- **Disc Resume**: 5 disc bookmark



*Let's make things better.*



**PHILIPS**



# DVD-Video player

## Technical specifications DVD 631

### Playback system

- DVD-Video
- Video CD (VCD)
- SVCD
- MP3-CD<sup>1</sup>
- CD (CD-R and CD-RW)<sup>1</sup>
- DVD+RW

### 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 <sup>2</sup>
Dual layer	4 h <sup>2</sup>
Two side, single layer	4.30 h <sup>2</sup>
Two side, dual layer	8 h <sup>2</sup>

### TV standard

- |                   |                           |              |
|-------------------|---------------------------|--------------|
|                   | <b>PAL</b>                | <b>NTSC</b>  |
| • Number of lines | 50 Hz<br>625              | 60 Hz<br>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
Vertical resolution	576 lines	480 lines
VCD	50Hz	60Hz
Horiz. resolution	352 pixels	352 pixels
Vertical resolution	288 lines	240 lines

### Video performance

- RGB output 0.7 Vpp into 75 ohm
- Video output 1 Vpp into 75 ohm
- Black Level Shift On/off
- Video Shift Left/right

### Audio format

- Digital
 

Mpeg/Dolby Digital/ 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)

- D/A converter 24 bits
- |           |             |               |
|-----------|-------------|---------------|
| DVD:      | Fs 48 kHz   | 4 Hz - 22 kHz |
| CD:       | Fs 44.1 kHz | 4 Hz - 20 kHz |
| Video CD: | Fs 48 kHz   | 4 Hz - 22 kHz |
| SVCD:     | Fs 48 kHz   | 4 Hz - 22 kHz |
|           | Fs 44.1 kHz | 4 Hz - 20 kHz |

- Signal-noise (1kHz) 110 dB
- Dynamic Range (1kHz) 93 dB
- Crosstalk (1kHz) 100 dB
- Distortion/noise (1kHz) 90 dB
- MPEG MP3 MPEG Audio L3

### Connection

- Scart Euroconnector 1x
- Video output Cinch (yellow)
- Audio L+R Output Cinch (white/ red)
- Digital Output 1 coaxial,  
IEC958 for CDDA/LPCM  
IEC1937 for MPEG 1/2,  
AC-3

### Power supply

- Power inlet 230 V, 50 Hz
- Power usage Approx. 14 watt
- Power usage standby Less than 3 watt

### Cabinet

- Dimension 435 x 82 x 210.5 mm  
(w x h x d)
- Weight Approx. 2.2 kg

### Package contents

- DVD-video player
- Remote control (RC19133005) with batteries
- User manual
- Audio cable

### General functionality

- Stop/ play/ pause
- Fast forward/ backward
- Step forward/ backward
- Slow motion
- Title/ chapter/ track select
- Skip next/ skip previous
- Repeat (Chapter/ title/ all) or (Track/ all)
- A-B repeat
- Shuffle
- Scan
- Zoom (x1.33, x2, x4) with picture enhancement
- 3D sound
- Screen saver (dim 75% after 15 min.)
- Virtual Jog Shuttle
- Audio and video bit rate indicator
- Resume (5 discs) after stop/ standby<sup>3</sup>
- Parental control and disc lock (120 disc)
- Programming Titles / chapters or track with Favorite Track Selection (FTS)
- NTSC / PAL conversion
- Smart power off for better energy saving

### 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)

### MP3 functionality

- Time display (Track)
- Album and track selection
- Repeat (disc / album / track)
- Nested directory levels supported to 8 levels
- Max. album numbers possible is 32
- Max. MP3 Tracks Programmable is 99
- Max. Number of Tracks 999

<sup>1</sup> Applicable for multi-session finalised disc also.

<sup>2</sup> Typical playing time for movie with 2 spoken languages and 3 subtitle languages.

<sup>3</sup> Applicable only for DVD, VCD, SVCD discs.