

Philips DVD-Video player



Express Yourself

PICTURE QUALITY

- **3:2 Pull down progressive scan**
- **Component, S-Video, and Composite Output**
- **Digital Zoom**

SOUND QUALITY

- **Optical and Coaxial Digital Audio output (PCM/MPEG/Dolby Digital/DTS)**
- **Philips 3-D surround sound for real surround effect on stereo output**
- **96kHz/24 bit Audio DAC**
- **Dolby Digital and DTS decoder built-in for amazing home theater sound quality**

GREAT CONVENIENCE

- **Plays DVD-Video/VCD/SVCD/MP3-CD/CD-R/CD-RW/CD Audio/Picture CD**
- **Enhanced Parental Control with Disc Lock**
- **Disc Resume: 5 Disc Resume**
- **Picture CD: view Camera Photo on TV (JPG format)**



Let's make things better.



PHILIPS

DVD-Video player



Technical specifications DVD Q35

Playback system

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

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 | 50Hz | 60Hz |
| • Playback | 625 | 525 |
| | Multi standard (PAL/NTSC) | |

Video format

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

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

Video performance

- Video output 1 Vpp into 75 ohm
- S-Video Output Y: 1Vpp into 75 ohm
C: 0.3Vpp into 75 ohm
- Component video output Y: 1Vpp into 75 ohm
PR 0.7Vpp into 75 ohm
PB 0.7Vpp into 75 ohm

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
- 3D sound for virtual 5.1 channel sound on 2 speakers

Audio performance (typical)

- D/A converter 24 bits
- | | | |
|----------|-------------|--------------|
| DVD: | Fs 96 kHz | 4 Hz- 22 kHz |
| | Fs 48 kHz | 4 Hz- 22 kHz |
| CD/VCD : | Fs 44.1 kHz | 4 Hz- 22 kHz |
| SVCD: | Fs 48 kHz | 4 Hz- 22 kHz |
| | Fs 44.1 kHz | 4 Hz- 20 kHz |

- Signal-noise (1kHz) >95 dB
- Dynamic Range (1kHz) >80 dB
- Crosstalk (1kHz) >90 dB
- Distortion/Noise (1kHz) >80 dB

Connections

- Component Video out Cinch (Red/Green/Blue)
- S-Video output Mini DIN, 4-pins
- Video output Cinch (yellow)
- Audio L+R Output Cinch (white/ red)
- Digital Output 1 coaxial, 1 optical
IEC958 for CDDA/LPCM
IEC1937 for MPEG1/2,
Digital Dolby

Power supply

- Power inlet 110V, 60 Hz
- Power usage Approx. 20 watt

Cabinet

- Dimensions 435 x 72 x 294 mm
(w x h x d)
- Weight Approx. 3.0 kg

Package contents

- DVD-video player
- Remote control with batteries
- User's manual
- Audio cable
- Video 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
- 3D Sound
- Screen Saver
- Resume (5 discs) after stop
- Parental control and disc lock (80 disc)
- Programming Titles / chapters or track with Favourite Track Selection (FTS)

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

SCVD functionality

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

Picture CD & MP-3 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 / pictures)
- Nested directory levels supported to 8 levels
- Max. album numbers possible is 32
- Max. MP3 Tracks Programmable is 99
- Max. Number of Tracks 999

¹ Only Applicable for Single session finalised disc.

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