

Philips DVD-Video Changer



5 Disc Progressive Scan Changer

PICTURE QUALITY

- **3:2 Pull down progressive scan**
- **Component, S-Video & Composite Video outputs**
- **Digital Zoom while Play and Zoom while Perfect Still**

SOUND QUALITY

- **Digital coaxial and optical outputs: highest quality audio connection**
- **96kHz/24 bit Audio DAC for high quality audio output**
- **3D surround sound for real surround effect on stereo output**

GREAT CONVENIENCE

- **5 disc DVD/CD Changer**
- **Plays DVD-Video/VCD/SVCD/MP3-CD/CD-R/CD-RW/CD audio**
- **Play exchange**
- **Parental Control**



Let's make things better.



PHILIPS



DVD-Video player

Technical specifications DVD 793C

Playback system

- DVD-Video
- Video CD & SVCD
- CD (CDR and CD-RW)
- MP3

Optical read-out system

- Laser type FDA CFR21
- Numerical Aperture 0.60 (DVD)
0.43 (VCD/CD)
- Wavelength 650 nm (DVD)
780 nm (VCD/CD)

DVD disc format

- Medium Optical disc
- Diameter 12 cm (8 cm)
- Playing time (12cm)

One layer	2.15 h ¹
Dual layer	4 h ¹
Two side, single layer	4.30 h ¹
Two side, dual layer	8 h ¹

TV standard NTSC

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

Video format

- D/A converter 10 bits
- Signal handling Components
- Digital compression MPEG 2 for DVD, SVCD
MPEG 1 for VCD

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

Video performance

- Progressive Scan 480P
- Component video output Y: 1Vpp into 75 ohm
PrPb: 0.7Vpp into 75 ohm
- Video output 1 Vpp into 75 ohm
- S-Video Output Y: 1Vpp into 75 ohm
C: 0.286 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)	32, 64, 96, 128, 192 256 kbps & variable bit rate fs, 32, 44.1, 48 kHz

- Analog Sound Stereo
- Dolby Surround downmix from Dolby Digital multi-channel sound
- 3D sound on 2 speakers

Audio performance (typical)

- D/A converter 24 bits
- | | | |
|--------|-------------|--------------|
| DVD: | Fs 48 kHz | 4 Hz- 22 kHz |
| | Fs 96 kHz | 4 Hz- 44 kHz |
| CD/VCD | Fs 44.1 kHz | 4 Hz- 20 kHz |

- Signal-noise (1kHz) 100 dB
- Dynamic Range (1kHz) 95 dB
- Crosstalk (1kHz) 90 dB
- Distortion/Noise (1kHz) 0.008% (w/ A Filter)
- MPEG MP3 (1kHz) MPEG Audio L3

Connections

- Progressive Scan 480P on Y,Pb, Pr
- Y Output Cinch (green)
- P_b Output (C_b) Cinch (blue)
- P_r Output (C_r) Cinch (red)
- 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 MPEG 1/2,
Dolby Digital

Power supply

- Power inlet 120V, 60 Hz
- Power usage 16 watt
- Power usage standby less than 3 watt

Cabinet

- Dimensions 430 x 118 x 411 mm
(w x h x d)
- Weight Approx. 5.7 kg

Package contents

- DVD-Video Player
- Remote control with batteries
- User manual
- Audio cable
- Video cable

General functionality

- Stop/ play/ pause
- Fast forward/ backward²
- Step forward/ backward²
- Slow motion
- Title/ **chapter**/ track select
- Skip **next**/ **skip** previous
- Repeat (**Chapter**/ title/ all) or (Track/ all)
- A-B **repeat**
- Graphical user interface
- Zoom while play
- Screen saver
- 3D Surround Sound

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)
- Time Search
- Parental control
- Disc Menu support (title menu and root menu)
- Resume (1 discs) **after stop**/ standby

Video CD functionality

- Playback control for VCD 2.0 discs
- Resume (1 discs) after stop/ standby

SCVD functionality

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

Audio CD functionality

- Time display (Track)
- Random (Shuffle)
- Full audio functionality with remote control
- Programming with favorite track selection

MP-3 functionality

- Time display (Track)
- Track selection

- 1 Typical playing time for movie with 2 spoken languages and 3 subtitle languages.
- 2 Applicable for DVD playback only.