



## Discover the Progressive Scan difference

### PICTURE QUALITY

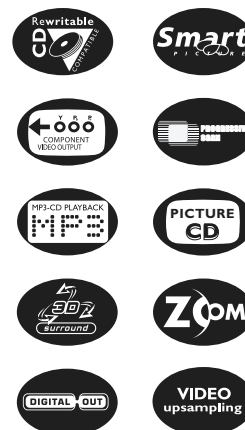
- **3:2 pull down Progressive Scan:** For high vertical resolution and razor sharp images
- **4X Video Upsampling (54Mhz/12bit):** For improved image quality
- **Component Video Output:** High quality video connection

### SOUND QUALITY

- **3D Sound:** Virtual surround sound via 2-speaker output
- **192kHz/24 bits Audio DAC:** For high quality audio performance
- **Digital Output:** Coaxial and Optical for highest quality audio connection

### GREAT CONVENIENCE

- **Universal Remote Control:** For TV and DVD control
- **Multi-format playability:** Plays DVD-Video, DVD+RW, DVD+R, CD, CD-R, CD-RW, MP3-CD, VCD, S-VCD and Picture CD format
- **Picture CD with MP3-CD playback:** Playback MP3's while viewing digital pictures (JPEG) on TV



# PHILIPS

# Philips DVD-Video Player



## Technical specifications DVD 727

### Playback system

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

- |                 | 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

	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: 1 Vpp into 75 ohm  
C: 0.3 Vpp into 75 ohm
- Component Video Output Y: 1 Vpp into 75 ohm  
PR 0.7 Vpp into 75 ohm  
PB 0.7 Vpp 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, 112, 128, 256 kbps & variable bit rate fs, 16, 22.05, 24, 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 96 kHz   | 4 Hz- 44 kHz |
|----------|-------------|--------------|
|          | Fs 48 kHz   | 4 Hz- 22 kHz |
| CD/VCD : | Fs 44.1 kHz | 4 Hz- 20 kHz |
|          | Fs 48 kHz   | 4 Hz- 22 kHz |
|          | Fs 44.1 kHz | 4 Hz- 20 kHz |

- Signal-noise (1kHz) 100 dB
- Dynamic Range (1kHz) 90 dB
- Crosstalk (1kHz) 105 dB
- Distortion/Noise (1kHz) 90 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,  
Dolby Digital

### Power supply

- Power inlet 110V, 60 Hz
- Power usage Approx. 10 watt

### Cabinet

- Dimensions 17.1 x 1.7 x 11.8 inch  
(w x h x d)
- Weight Approx. 6.6 lbs

### Package contents

- DVD-video player
- Universal 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<sup>3</sup>
- 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

### 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.

### MP-3 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. Number of Tracks 500

- 1 Only Applicable for Single session Finalised disc.
- 2 Typical playing time for movie with 2 spoken languages and 3 subtitle languages.
- 3 Not Applicable for MP3-CD and Picture CD

[www.philips.com](http://www.philips.com)

