

## Philips DVD-Video Player DVD 622



# MP3 Playback

- DVD/Video CD/Audio CD/CD-R/CD-RW/DVD+RW/MP3 Playback
- Dual Laser Drive for optimum read-out of DVD and CD-discs
- Perfect Still picture with multiple Zoom factors
- New enhanced graphical user interface
- 5 Disc Resume
- Digital Audio output (PCM / MPEG 2 / Dolby Digital / DTS)
- TruSurround™ 3D Sound for analog out
- Enhanced Parental Control with Disc Lock
- Audio and video bit rate indicator



Let's make things better



**PHILIPS**

# DVD-Video player



## Technical specifications DVD 622

### Playback system

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

### Optical read-out system

- Laser type Semiconductor AlGaAs
- Numerical Aperture 0.60 (DVD)  
0.45 (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 <sup>1</sup>
Dual layer	4 h <sup>1</sup>
Two side, single layer	4.30 h <sup>1</sup>
Two side, dual layer	8 h <sup>1</sup>

### TV standard

**PAL**                      **NTSC**

- |                   |                            |      |
|-------------------|----------------------------|------|
|                   | 50 Hz                      | 60Hz |
| • Number of lines | 625                        | 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	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

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

### Audio format

- Digital
 

Mpeg/ AC-3/ DTS PCM	Compressed Digital, 16, 20 bits fs, 44.1, 48, 96 kHz
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- Analog sound stereo
- Dolby Pro Logic 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
Video CD:	Fs 44.1 kHz	4 Hz- 20 kHz
CD:	Fs 44.1 kHz	4 Hz- 20 kHz
SVCD:	Fs 44.1 kHz	4 Hz- 20 kHz
	Fs 48.1 kHz	4 Hz- 22 kHz

- Signal-noise (1kHz) 100 dB
- Dynamic Range (1kHz) 97 dB
- Crosstalk (1kHz) 110 dB
- Distortion/noise (1kHz) 88 dB
- MPEG MP3 MPEG Audio L3

### Connection

- Scart Euroconnector
- 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, DTS

### Power supply

- Power inlet 230 V, 50 Hz
- Power usage 20 watt
- Power usage standby less than 5 watt

### Cabinet

- Dimension 435 x 81 x 295 mm  
(w x h x d)
- Weight Approx. 4 kg

### Package contents

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

### General functionality

- Stop/ play/ pause
- Fast forward/ backward
- Time search
- 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
- New enhanced user graphical interface
- Perfect still with digital multi-tap filter
- Zoom (x1.33, x2, x4) with picture enhancement
- NTSC / PAL Conversion
- Screen saver (dim 75% after 15 min.)
- 3D sound
- Virtual Jog Shuttle
- Audio and video bit rate indicator
- Smart Picture

### 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)
- Parental control and disc lock
- Disc Menu support (title menu and root menu)
- Resume (5 discs) after stop/ standby
- Programming titles/ chapters with favorite selection

### Video CD functionality

- Playback control for VCD 2.0 discs
- Disc lock
- Resume (5 discs) after stop/ standby
- Programming tracks with favorite selection

### Audio CD functionality

- Time display (total/ track/ remaining track time)
- Full audio functionality with remote control
- Programming with favorite track selection

### MP3 functionality

- Time Display (Track)
- Album and Track Selection
- Repeat (Disc /Album /Track)

<sup>1</sup> Typical playing time for movie with 2 spoken languages and 3 subtitle languages.