

DVD Video Player  
**DVD941AT**

## Philips DVD-Video Player

- DVD video/video CD/audio CD/CD-R & CD-RW playback
- AC-3 decoder built-in
- 6-channel analog output for Dolby® Digital (AC-3) and Dolby® Pro Logic
- Discrete dual laser optical pickup unit
- Advanced parental approval system with (120-disc memory)
- Feature upgrade capability
- 5-disc resume
- Component, composite, and S-video outputs
- Optical & coaxial digital audio output (PCM/MPEG 2/Dolby® Digital/DTS®)
- Multi-standard video compatibility (NTSC & PAL)
- TruSurround™ 3D Sound for analog output
- Jog & Shuttle on front panel
- Audio and video bit rate indicator
- SmartPicture™ personal video preferences
- Perfect still picture
- Multiple zoom
- Headphone connector with volume control
- 10-bit video DAC and 24-bit audio DAC
- Remote Control with remote confirm
- 96 kHz/24 bits audio digital output

**TruSurround™**

**DOLBY**  
DIGITAL

Rewritable  
CD  
COMPATIBLE

COMPACT  
disc  
DIGITAL AUDIO

**DVD**  
VIDEO

**dts**  
DIGITAL OUT

**ZOOM**  
\*perfect still

**MATCH** **LINE**

**Disc**  
LOCK

**5 Disc**  
resume

**Smart**  
PICTURE

**Dual Laser**  
**DRIVE**



*Let's make things better.*



**PHILIPS**

# DVD Video Player

## DVD941AT

### Technical Specifications

#### Playback System

- DVD Video
- Video CD
- CD (CD-R and CD-RW)
- DVD+RW

#### 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 (12 cm)  
One layer 2.15h<sup>1</sup>  
Dual layer 4h<sup>1</sup>  
Two side, Single Layer 4.30h<sup>1</sup>  
Two side, Dual Layer 8h<sup>1</sup>

#### TV Standard

- |                   | PAL                      | NTSC |
|-------------------|--------------------------|------|
| • Number of lines | 625                      | 525  |
| • Playback        | Multistandard (PAL/NTSC) |      |

#### Video Format

- DA Converter 10 bits
- Signal handling Components
- Digital Compression MPEG2 for DVD  
MPEG1 for VCD

- |                    | 50 Hz                   | 60 Hz                   |
|--------------------|-------------------------|-------------------------|
| DVD                | 720 pixels <sup>2</sup> | 720 pixels <sup>2</sup> |
| • Hor. Resolution  | 576 lines               | 480 lines               |
| • Vert. Resolution |                         |                         |
| VCD                | 352 pixels              | 352 pixels              |
| • Hor. Resolution  | 288 lines               | 240 lines               |
| • Vert. Resolution |                         |                         |

#### Video Performance

- Video output 1Vpp into 75 Ohm
- S-Video output Y: 1Vpp into 75 Ohm  
C: 0.3Vpp into 75 Ohm
- YUV Output Y: 1Vpp into 75 Ohm  
CrCb: 0.7Vpp into 75 Ohm
- Black Level Shift On/Off
- Video Shift Left/Right

#### Audio Format

- Digital MPEG/ Compressed Digital  
DTS<sup>®</sup>/AC-3  
PCM 16, 20, 24 bits  
fs, 48, 96 kHz

- Analog Sound Stereo  
Dolby<sup>®</sup> Pro Logic downmix from Dolby<sup>®</sup> Digital (AC-3) multichannel sound  
3D Sound for virtual 5.1 channel sound on 2 speakers

#### Audio Performance (Typical)

- DA Converter 24 bits
- DVD f<sub>s</sub> 96 kHz 4 Hz-44 kHz  
f<sub>s</sub> 48 kHz 4 Hz-22 kHz
- Video CD f<sub>s</sub> 44.1 kHz 4 Hz-22 kHz
- CD f<sub>s</sub> 44.1 kHz 4 Hz-20 kHz
- Signal-Noise (1 kHz) 103 dB
- Dynamic Range (1 kHz) 98 dB
- Crosstalk (1 kHz) 1 15 dB
- Distortion / Noise (1 kHz) 95 dB

#### Connections

- S-Video Output Mini DIN, 4-pins
- Y Output Cinch (green)
- U Output (C<sub>B</sub>) inch (blue)
- V Output (C<sub>R</sub>) Cinch (red)
- Video Output Cinch (yellow) 2x
- Audio L+R Output Cinch (white/red) 2x

#### 6 Channel Analog Output

- Audio Front Left/Right Cinch (white/red)
- Audio Surr: Left/Right Cinch (white/red)
- Audio Center Cinch (blue)
- Audio Subwoofer Cinch (black)
- Digital Output 1 coaxial, 1 optical  
IEC958 for CDDA/LPCM  
IEC1937 for MPEG1/2,  
AC-3, DTS
- Headphone 6.3 mm jack

#### Power Supply

- Power Inlet 120 V, 60 Hz
- Power usage Approx. 20 Watt
- Power usage standby Approx. 5 Watt

#### 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
- Enhanced ease of use graphical interface
- Perfect Still with digital multi-tap filter

- Zoom (x1.33, x2, x4) with picture enhancement
- 3D sound
- SmartPicture<sup>™</sup>
- Screen Saver (Dim 75% after 15 min.)
- 5.1 Channels user defined speaker settings
- Virtual Jog Shuttle
- Audio and video bit rate indicator
- Beeper

#### DVD Functionality

- Multi-angle Selection
- Audio Selection (1 out of max. 8 languages)
- Subtitles Selection (1 out of max. 32 languages)
- Aspect Ration 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
- Parental Control and 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
- 1 Typical playing time for movie with 2 spoken languages and 3 subtitle languages.


UPC: 0 37849 89780 5  
 Product Dimensions: 17" W x 3.9" H x 12.6" D  
 Product Weight: 8.8 lbs.  
 Carton Dimensions: 20.7" W x 8.1" H x 15.8" D  
 Carton Weight: 11.01 lbs.  
 Package Contents: DVD-Video Player, Remote Control w/Batteries, AC Power Cord, User Manual, Audio/Video Cable, S-Video Cable

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