

DVD Video Player  
**DVD701AT**

## Philips DVD-Video Player

- DVD Video/Video CD/Audio CD/CD-R/CD-RW playback
- Discrete Dual Laser optical pickup unit
- Advanced Parental Approval System with Disc Lock
- 5 Disc resume
- Composite and S-Video outputs
- Digital Audio output (PCM/AC-3/DTS) optical & coaxial
- Multi-standard video compatibility ( NTSC & PAL )
- TruSurround™ 3D Sound for analog out
- Enhanced graphical interface with Virtual Jog & Shuttle
- Slow motion
- 10-bit video DAC and 24-bit audio DAC

TruSurround  
with SRS (●)

DOLBY  
DIGITAL

Rewritable  
CD  
COMPATIBLE

COMPACT  
disc  
DIGITAL AUDIO

DVD  
VIDEO

dts  
DIGITAL OUT

Disc  
Lock

5 Disc  
resume



*Let's make things better.*



**PHILIPS**

# DVD Video Player

## DVD701AT

### Technical Specifications

#### Playback System

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

#### Optical Read-out System

- Laser type Semiconductor AlGaAs
- Numerical Aperture 0.6 (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  |
|                   | 50 Hz                    | 60 Hz |
| • 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

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

#### Video Performance

- Video output  $I V_{pp}$  into 75 Ohm
- S-Video output  $Y: I V_{pp}$  into 75 Ohm  
 $C: 0.3 V_{pp}$  into 75 Ohm
- Black Level Shift On/Off
- Video Shift Left/Right

#### Audio Format

- Digital MPEG/ Compressed Digital  
DTS/AC-3  
PCM 16, 20, 24 bits  
fs, 48, 96 kHz
- Analog Sound Stereo  
Dolby Pro Logic downmix from AC-3  
multichannel sound  
3D Sound for virtual 5.1 channel sound  
on 2 speakers

#### Audio Performance

- DA Converter 24 bits
- DVD  $f_s$  96 kHz 4 Hz-44 kHz  
 $f_s$  48 kHz 4 Hz-22 kHz
- Video CD  $f_s$  48 kHz 4 Hz-22 kHz
- CD  $f_s$  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
- Video Output Cinch (yellow) 2x
- Audio L+R output Cinch (white/red) 2x
- Digital Output 1 coaxial, IEC958 for  
CDDA / LPCM  
IEC1937 for MPEG1/2,  
AC-3, DTS

#### Power Supply

- Power Inlet 120V, 60 Hz
- Power usage 20 Watt
- Power usage standby less than 5 Watt

#### Package Contents

- DVD-Video Player
- Remote Control with batteries
- AC Power cord
- User Manual
- Audio/Video cable

#### General Functionality

- Stop / Play / Pause
- Fast Forward/Backward
- Time Search
- Step Forward/Backward  
Slow
- Title / Chapter / Track Select
- Skip Next / Skip Previous
- Repeat (Chapter / Title / All) or (Track / All)
- A-B Repeat
- Shuffle
- Enhanced ease of use graphical interface
- 3D sound
- Virtual Jog Shuttle

#### 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
- Screen Saver (*Dim 75% after 15 min.*)
- Programming Titles/chapters with Favourite  
Selection

#### Video CD Functionality

- Playback Control for VCD 2.0 discs
- Parental Control and Disc lock
- Resume (5 discs) after stop / standby
- Screen Saver (*Dim 75% after 15 min.*)
- Programming Tracks with Favourite Selection

#### Audio CD Functionality

- Time Display (Total / Track / Remaining Track Time)
- Full audio functionality with remote control
- Programming with Favourite Track Selection

- 1 Typical playing time for movie with 2 spoken  
languages and 3 subtitle languages.
- 2 Equivalent to 500 lines on your TV

UPC: 037849896136  
Product Dimensions: 17.1"W x 3.6"H x 12.6"D  
Product Weight: 8.3 lbs.  
Carton Dimensions: 20.3"W x 7.1"H x 15.6"D  
Carton Weight: 10.5 lbs.  
Master Pack: 1

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