

DVD-Video player



Technical specifications DVD 703

Playback system

- DVD-Video
- Video CD & SVCD
- 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 (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

	PAL	NTSC
Number of lines	50 Hz	60 Hz
Playback	625	525
	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	720 pixels
Vertical resolution	576 lines	480 lines	480 lines
VCD	50Hz	60Hz	
Horiz. resolution	352 pixels	352 pixels	352 pixels
Vertical resolution	288 lines	240 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
P_s P_r: 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)

	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- 22 kHz
CD:	Fs 44.1 kHz	4 Hz- 20 kHz
SVCD:	Fs 44.1 kHz	4 Hz- 20 kHz
	Fs 48 kHz	4 Hz- 22 kHz

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

Connection

- S-Video output Mini DIN, 4-pins
- Y Output Cinch (green)
- P_b Output (C_s) Cinch (blue)
- P_r Output (C_r) Cinch (red)
- 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 100 -240V, 50/60Hz
- Power usage 20 watt
- Power usage standby less than 5 watt

Cabinet

- Dimension 435 x 92 x 320 mm
(w x h x d)
- Weight Approx. 4 kg

Package contents

- DVD-video player
- Remote control with batteries
- User manual
- Audio cable
- Video cable

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 ease of use graphical interface
- Perfect still with digital multi-tap filter
- Zoom (x1.33, x2, x4) with picture enhancement
- Screen saver (dim 75% after 15 min.)
- 3D sound
- Virtual Jog Shuttle
- Audio and video bit rate indicator

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

1 Typical playing time for movie with 2 spoken languages and 3 subtitle languages.