

DVD RECORDERS	GDR 5550 HDD
Catalogue page	40 / 41
Tuning system	
TV standards	BG, DK, I / L/L' / PAL, Secam
Sound format processing	A2 Stereo, Nicam
Integrated recording media	
Capacity of hard disk	160 GB (max. 270 h)
Record programming / Instant record	permanent time shift / *
Time shift	simultaneously record and playback
Recording formats	DVD+RW / DVD-RW / DVD+R / DVD-R * (version 1.1 for DVD+R / DVD+RW)
Recording capacity (4.7 GB DVD)	1 - 8 h (depending on recording mode)
Recording modes	HQ, SP, SP+, LP, EP, SP+, SEP+*
Playable formats	DVD video / DVD-R / DVD-RW / DVD+R / DVD+RW / DivX DVD / Audio CD / CD-R / CD-RW / Video CD (2.0) / S-VIDEO / MP3 / JPEG / Kodak Picture CD / DivX CD / WMMA * J/PPEG / Kodak Picture CD
Picture Viewer	hard disk - DVD, USB - DVD
Copy function	
Record programming	
VPS / PDC control	**/*
Timer programming manual	*
Times, number of events (1 year)	8
Timer programming once / daily / weekly	*
Timer programming Mo - Fr / Mo - Sa / weekend	*
Video	
Video D/A converter	54 MHz
Horizontal resolution (DVD)	576, 576p
Progressive Scan PAL / NTSC	**/*
Audio	
D/A converter	192 kHz / 24 Bit
Frequency range DVD 48 kHz / 96 kHz	4 Hz - 22 kHz / 4 Hz - 44 kHz
Frequency range CD 44.1 kHz	4 Hz - 20 kHz
Dynamic range (1 kHz) / Signal noise (1 kHz)	dB 85 / 90
Audio downsampling	*
Digital Sound decoder	Dolby Digital AC3, MPEG 2, MP3, WMMA
Digital outputs	Dolby Digital AC3, MPEG 2, DTS, PCM
Dolby ProLogic	*
Playback features	
Fast picture search (forward and reverse)	2x / 4x / 8x / 16x / 32x
Title / chapter skip	*
Direct chapter selection with 10 key keypad	*
Perfect still picture / picture-by-picture playback	**/*
Slow motion (forward and reverse)	**/*
Quick replay	**/*
Repeat	Title / chapter / sequence A - B
Connections	
USB	1.1 (front)
Progressive video out (YUV cinch)	
Euro-AV, scart	2 x (RGB, S-video)
Cinch video out (CVBS) / Cinch audio stereo downmix	**/*
Cinch video in (CVBS) / Cinch audio stereo-in	**/* (front and rear)
S-video socket (Y/C) in / out	**/* (front)
Digital video in / control of a DV camera	**/* (front)
Digital audio out coaxial / optical	**/*
Mains unit	
Mains voltage	V- 110 - 240, 50 - 60 Hz
Power consumption max. / stand-by	approx. Watt 50 / <4
Weight	approx. kg 4.5
Dimensions (Width x Height x Depth)	approx. cm 43 x 5.5 x 32
Supplied accessories	Euro-AV cables, 1 x cinch video cable, 1 x cinch audio digital cable, 1 x DVD+RW

Technical data supplied without liability.

PORTABLE DVD PLAYER	DVD-P 8600	DVD-P 7500
Catalogue page	43	42
Playable disc formats 12/8 cm	DVD-Video / DVD-R / DVD-RW / DVD+R / DVD+RW / Audio-CD / CD-R / CD-RW / Video CD (2.0) / MP3 / JPEG / Kodak-Picture CD	DVD-Video / DVD-R / DVD-RW / DVD+R / DVD+RW / Audio-CD / CD-R / CD-RW / Video CD (2.0) / MP3 / JPEG / Kodak-Picture CD
DivX (Home Theater certified)	*	*
Picture Viewer	* J/PPEG / Kodak Picture CD	* J/PPEG / Kodak Picture CD
Laser scan	2 Laser (1 x CD, 1 x DVD)	2 Laser (1 x CD, 1 x DVD)
PAL / NTSC-playback	**/*	**/*
Display		
Panel	Active Matrix TFT-LC-Display	Active Matrix TFT-LC-Display
Screen diagonal	inches 8	7
16 : 9 wide-screen format	*	*
Brightness	approx. cd/m ² 350	350
Contrast ratio	approx. 300 : 1	400 : 1
Resolution max.	RGB pixel 800 x 460	1440 x 234
Video		
Video D/A converter	54 MHz / 10 bit	54 MHz / 10 bit
Horizontal resolution (DVD)	more than 500 TV lines	more than 500 TV lines
Digital video optimizing for still picture / block noise reduction	**/*	**/*
Audio		
D/A converter	96 kHz / 24 Bit	96 kHz / 24 Bit
Frequency range DVD 48 kHz / 96 kHz	4 Hz - 22 kHz / 4 Hz - 44 kHz	4 Hz - 22 kHz / 4 Hz - 44 kHz
Frequency range CD 44.1 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
Dynamic range (1 kHz) / Signal noise (1 kHz)	dB 85 / 65	85 / 65
Audio downsampling	*	*
Digital sound decoder	Dolby Digital AC3, MP3, PCM	Dolby Digital AC3, MP3, PCM
Dolby ProLogic	* (downmix)	* (downmix)
Playback features		
Fast picture search (forward and reverse)	2x / 4x / 8x / 20x	2x / 4x / 8x / 20x
Title / chapter skip	**/*	*
Direct chapter selection with 10 key keypad	*	*
Perfect still picture / picture by picture playback	**/*	-
Repeat	Title/chapter/sequence A - B	Title/chapter/sequence A - B
Spatial features		
Child lock	*	*
Language choice (dialog, subtitle) †	*	*
Multi-angle choice †	*	*
Anti-Static Protection (ASP)	*	*
Operating features		
Infrared remote control	*	*
On Screen Display	*	*
Connections		
USB / SD card reader	**/*	-
E-port for DVB-T	*	-
Cinch video-out (CVBS) / cinch audio stereo downmix	**/* (via audio / video adaptor)	**/* (via audio / video adaptor)
Cinch video-in (CVBS) / cinch audio stereo-in	**/* (via audio / video adaptor)	**/* (via audio / video adaptor)
Headphones	*	* (2x)
Mains unit		
Mains voltage	V- 100 - 240, 50 - 60 Hz	100 - 240, 50 - 60 Hz
Power consumption max.	approx. W 11.25	11.25
Weight	approx. kg 0.8	0.71
Dimensions (Width x Height x Depth)	approx. cm 22.6 x 4 x 16.6	19 x 3.6 x 15.1
Supplied accessories	Audio / video adaptor, earphones, 12 V AC/DC adaptor, NiMH audio pack, 12 V charging cable, bag with fixing belts, remote control	Audio / video adaptor, earphones, 12 V AC/DC adaptor, NiMH audio pack, 12 V charging cable, bag with fixing belts, remote control

†) Depending on the DVD-Disc.

Playability of self-made DVDs and CDs on Grundig DVD drive mechanisms.

DVD-Rs/RWs in DVD video format as well as CD-Rs/CD-RWs in CD-DA and in MP3 format can be played back. However it can occur, due to differences in the quality of the media as well as the characteristics of the recording, that individual self-made DVDs or CDs cannot be read. This does not indicate an incorrect function of the playback unit in these cases.

DVD PLAYERS	GDP 3660	GDP 3560	GDP 9550	GDP 1550
Catalogue page	43	43	42	42
Playable disc formats 12/8 cm	DVD-Video / DVD+RW / DVD-RW / DVD+R / DVD-R / Audio-CD / CD-R / S-Video / MP3 / JPEG / HD JPEG	DVD-Video / DVD+RW / DVD-RW / DVD+R / DVD-R / Audio-CD / CD-R / CD-RW / Video CD (2.0) / S-Video / MP3 / JPEG / HD JPEG Kodak Picture CD / WMA	DVD-Video / DVD+RW / DVD-RW / DVD+R / DVD-R / Audio-CD / CD-R / CD-RW / Video CD (2.0) / S-Video / MP3 / JPEG / Kodak Picture CD / WMA	DVD-Video / DVD+RW / DVD-RW / DVD+R / DVD-R / Audio-CD / CD-R / CD-RW / Video CD (2.0) / S-Video / MP3 / JPEG / Kodak Picture CD / WMA
Nano digital (certificated)	-	-	-	-
DivX (Home Theater certificated)	-	-	-	-
Picture Viewer	- / JPEG / Kodak-Picture-CD	- / JPEG / Kodak-Picture-CD	- / JPEG / Kodak-Picture-CD	- / JPEG / Kodak-Picture-CD
Laser scan	2 Laser (1 x CD, 1 x DVD)	2 Laser (1 x CD, 1 x DVD)	2 Laser (1 x CD, 1 x DVD)	2 Laser (1 x CD, 1 x DVD)
PAL / NTSC - playback	+*	+*	+*	+*
Video				
Video D/A converter	27 MHz (12 Bit)	27 MHz (10 Bit)	27 MHz (10 Bit)	27 MHz (10 Bit)
Horizontal resolution (DVD) SD / HD	576i, 576p / 720p, 1080p	576i, 576p / 720p, 1080p	576i / -	576i / -
Progressive Scan PAL / NTSC	+*	+*	-	-
Digital video optimising for still picture / Block noise reduction	+*	+*	+*	+*
Audio				
D/A converter	96 kHz / 24 Bit	96 kHz / 24 Bit	96 kHz / 24 Bit	96 kHz / 24 Bit
Frequency range DVD 48 kHz / 96 kHz	4 Hz – 22 kHz / 4 Hz – 44 kHz	4 Hz – 22 kHz / 4 Hz – 44 kHz	4 Hz – 22 kHz / 4 Hz – 44 kHz	20 Hz – 22 kHz / 4 Hz – 44 kHz
Frequency range CD 44.1 kHz	4 Hz – 20 kHz	4 Hz – 20 kHz	4 Hz – 20 kHz	20 Hz – 20 kHz
Dynamic range (1 kHz) / Signal noise (1 kHz)	80 / 90	80 / 90	80 / 90	80 / 90
Dynamic adjustment	-	-	-	-
Audio down-sampling	-	-	-	-
Digital sound decoder	Dolby Digital AC3, MPEG 2, MP3, WMA	Dolby Digital AC3, MPEG 2, MP3, WMA	Dolby Digital AC3, MPEG 2, MP3, WMA	Dolby Digital AC3, MPEG 2, MP3, WMA
Digital outputs	Dolby Digital AC3, MPEG, DTS, PCM	Dolby Digital AC3, MPEG, DTS, PCM	Dolby Digital AC3, MPEG, DTS, PCM	Dolby Digital AC3, MPEG, DTS, PCM
Dolby ProLogic	-	-	-	-
Virtual Dolby Surround	-	-	-	-
Playback features				
Fast picture search (forward and reverse)	2x / 4x / 8x / 20x	2x / 4x / 8x / 20x	2x / 4x / 6x / 8x	2x / 4x / 8x / 16x / 32x
Title / chapter skip	-	-	-	-
Direct chapter selection with 10 key keypad	-	-	-	-
Perfect still picture / Picture by picture playback	+*	+*	+*	+*
Slow motion (forward and reverse)	1/2, 1/4, 1/6, 1/7	1/2, 1/4, 1/6, 1/7	1/2, 1/4, 1/8	1/2, 1/4, 1/6, 1/8
Repeat	Title/chapter/sequence A – B	Title/chapter/sequence A – B	Title/chapter/sequence A – B	Title/chapter/sequence A – B
Random Play / Programme Play (CD, MP3)	+*	+*	+*	+*
Special features				
Zoom	-	-	-	-
Child lock	-	-	-	-
Language choice (dialog, subtitle *)	-	-	-	-
Multi-angle choice *)	-	-	-	-
Operating features				
Infrared remote control	TP B1 D, remote control with elementary functions for Grundig TV	TP B1 D, remote control with elementary functions for Grundig TV	TP B1 D, remote control with elementary functions for Grundig TV	TP B1 D, remote control with elementary functions for Grundig TV
On Screen Display	-	-	-	-
Connections				
USB	-	-	-	-
HDMI / HDCP	-	-	-	-
YUV-sockets (Progressive Scan; 3 x Cinch)	-	-	-	-
Euro-AV-Scart	1 x (RGB)	1 x (RGB)	1 x (RGB)	1 x (RGB)
Cinch video-out (CVBS) / Cinch audio stereo downmix	+*	+*	+*	+*
S-video socket (Y/C) out	-	-	-	-
Digital audio output coaxial / optical	+*	+*	+*	+*
Mains unit				
Mains voltage	V~ 100 – 240, 50 – 60 Hz	100 – 240, 50 – 60 Hz	100 – 240, 50 – 60 Hz	100 – 240, 50 – 60 Hz
Power consumption max. / stand-by	approx. W 10 / <1	10 / <1	10 / 4	10 / 3
Weight	approx. kg 2,2	2,2	2,2	2,2
Dimensions (Width x Height x Depth)	approx. cm 43 x 4,3 x 25,7	43 x 4,3 x 25,7	43 x 3,8 x 25,4	43 x 3,8 x 25,4

Technical data supplied without liability.

*) Depending on the DVD-disc.