



HITACHI HDD DVD RECORDER			DVDS163A	
General			Specifications	Comments
HDD Capacity GB			160	
Manual	Language		English	
	Quick setup Guide		X	
Power	Narrow		-	
	Wide SMPS		110-240V(±10%) 50/60Hz	
	Power Consumption		35W	
Dimension	Set (WxHxD)		430 x 58.6 x 298.3	
	Box (WxHxD)		502 x 155 x 386	
Weight	Net		4.1	
	Gross		5.3	
Tuner System				
Broadcasting System			PAL I,B/G,I/I, SECAM D/K,K1	
Audio	Stereo		O	
	Mono		O	
	NICAM/2 Carrier		O	
Analog Tuner	TYPE	Channel Range VHF	E 00 ~ 16	
		UHF	E 28 ~ 71	
		CATV	S 01 ~ 20	
		Hyper Band	S 21 ~ 41	
	SECAM		X	
	CH. Add/Erase(Skip)		O	
	CH. Auto Search		O	
	Channel Memory		88	
	RF Setting Channel		X	
	VIDEO	Video DAC		54MHz/10bit
AUDIO	Audio DAC		192KHz/24bit	
	Dolby Digital Decoder Built in		X	
Timer /Timer Recording				
	# of Timer recordable PGM		16P/Month	
	G-Code (Showview/Video Plus)		G-code	
	EPG (Gemstar Guide Plus)		X	
	VPS/PDC		X	
	ACSS (Auto Clock Setting System)		X	
	ACMS (Auto Channel Mapping System)		X	
	ITR (Instant Timer Record)		O	
	Back-up Time		3 sec	
	Timer recoridng start from Power On state		X	
Playable Disc				
	DVD (PAL)		O	
	DVD (NTSC)		O	
	AUDIO-CD		O	
	CD-R/-RW		O	
	MP3		O	
	MP3 ID3 Tag		O	
	DVD-R/-RW (Video Mode)		O	
	DVD+R/+RW		O	
	DVD+R (Double)		O	
	DVD-RW (VR Mode)		O	
	DVD-RAM		O	
	VCD/SVCD		O	
	WMA		O	
	JPEG		O	
	DivX		O	Does not support Divx 6.0.
	Music Photo Album		O	In case of MP3 files in HDD
	GUI			
	Graphic User interface		O	
	Language		Eng_Fre_Ger_ Ita_Spa_Por_Chi	
	Initial Language		English	
	Title Name Language		English	

HITACHI HDD DVD RECORDER				DVDS163A			
Recording				Specifications	Comments		
	Recordable Disc	DVD-R (Video Mode)		O			
	Format	DVD-RW (VR Mode/Video Mode)		O			
		DVD+R (Video Mode)		O			
		DVD+RW (+VR Mode)		O			
		DVD-RAM		O			
		DVD +R (Double)		O			
		Record Time	DVD	(4.7GB)	XP	O	Approx 1 hr
					SP	O	Approx 2 hrs
	LP				O	Approx 4 hrs	
	EP				O	Approx 6 hrs	
	DVD+R DL		(8.5GB)	XP	O	Approx 1 hr 50 mins	
				SP	O	Approx 3 hrs 30 mins	
				LP	O	Approx 7 hrs	
				EP	O	Approx 10 hrs 30 mins	
	HDD		(160GB)	XP	O	Approx 48 hrs	
				SP	O	Approx 84 hrs	
				LP	O	Approx 156 hrs	
				EP	O	Approx 222 hrs	
	Finalize	DVD-R		O			
		DVD-RW		O			
		DVD+R		O			
		DVD+RW		O			
	Unfinalize	DVD-R		X			
		DVD-RW		O			
		DVD+R		X			
		DVD+RW		X			
	Dubbing						
		Copy MP3 CD to HDD			O		
Copy Picture CD to HDD			O				
Copy Video CD to HDD			X				
Copy Memory card to HDD			O	Except Moving Picture File			
Copy HDD to Memory card			O	Jpeg Only			
Copy Memory card to DVD			X				
Copy DVD to Memory card			O	Jpeg Only			
Copy CD to Memory card			O	Jpeg Only			
Copy DVD to HDD (Highspeed)			O	Max X12			
Copy HDD to DVD (High speed)			O	Except MP3 and JPEG, Max X72			
Recording Convenience							
	Closed Caption Recording			X			
	Bi-lingual Recording			O	VR only		
	Time Shift			O	HDD only		
	Simultaneous Recording and Play			O	HDD only		
	Chasing play	Including during Timer Recording		O	HDD only		
	Clip Recording			O			
Editing							
	Menu Display	Thumbnail (Title/Chapter)		O			
		Thumbnail Preview		O			
	Delete	Title		O			
		Chapter		O	VR Playlist only		
		Playlist		O	VR only		
		A-B Delete (Partial Delete)		O	VR only		
	Move	Chapter		O	VR Playlist only		
	Combine	Chapter		O	+RW only		
	Auto Chapter Marking (5min,10min,15min,OFF)			O	Initial 5min		
	Title divide			O	+RW only		
	Hide chapter/Show chapter			O	+R/+RW		
	Protect Title			O	Except Video Mode		
	Video Mode Thumbnail Menu Creation			O			
	Manual Chapter Making			O			

HITACHI HDD DVD RECORDER		DVDS163A	
Convenience		Specifications	Comments
	Photo Album/Audio Juke Box	O	
	Memorycard Playback	O	
	Zoom	O	
	Marker	O	
	1080i Upscaling	O	HDMI Output Only
	Opening Bitmap Screen	O	
	Marker search	O	
	Closed Caption On/Off	X	
	Last Condition Memory	O	
	Progressive scan	O	
	3D Surround Sound	O	
	dts Support	O	
	PIP (Move, Zoom in/out)	O	
	Repeat Play Mode	1 Track / 1 Chapter	
		All	
		Title	
		A-B	
	Random Play (track)	Programmed Track/Chapter	
		All	
	Program play (track)	X	
	Manual skip (Instant skip 15S)	O	
	Tray Open botton accept from Stop state	X	
	Auto Dimmer	O	
	Child Lock	X	
	Parental Lock	O	
	Resume	O	
	x1.5 Audio/Video	X	
	Scan (Fwd)	O	
	Scan (Rev)	O	
	Slow (Fwd)	O	
	Slow (Rev)	O	
	Channel Add/Delete	O	
Panel			
Front panel	Tool no.	Hitachi	
	Display	FLD	
	Power On/Off	O	
	Power LED	X	
	Open/Close	O	
	Eject	X	
	Play/Pause	O	
	Stop	O	
	REC	O	
	Channel Up/Down	O	
	DVD / HDD	O	
	HDMI Resolution change botton	O	
	Front AV input	O	
	S-Video input	O	
	Memory Card Slot	O	
	DV Terminal (Input, 1394)	O	
Rear Panel	Analog Audio Out (Down mixed)	O	
	Analog Audio Input	O	
	Dolby Digital 5.1 ch Out	X	
	Digital Audio Out	Optical	
		Coaxial	
	Digital Audio in	Optical	
		Coaxial	
	Video out	Composite	
		S-Video	
		Component RCA type (Y/Pb/Pr)	
		Progressive Scan	
		RGB/Component S/W	
	Analog Audio out (Component Pair)	L/R	
	Digital Video Out	HDMI	
		IEEE1394	
	Video Input	Composite	
		Component RCA type (Y/Pb/Pr)	
	Audio Input	L/R	
	Terrestrial RF In/Out	O	

HITACHI HDD DVD RECORDER			DVDS163A	
Accessories			Specifications	Comments
RCU	Tool		H3 ('05+Resolution key)	
	Type		-	
	Shuttle/Illumination		X	
	A/V RCA Cable		O	1.2m
	Super Video cable		X	
	Component cable		X	
	Bundle Blank Disc		X	
	RF Cable		O	1.2m
	HDMI Cable		X	
	Battery (Size "AAA")		O	

Specifications subject to change without notice