

Manufacturers published specs
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	Aaton Cantar	Fostex FR-2	Fostex PD-6	HHB Portadrive	Nagra Ares-BB	Nagra-V	Sound Devices 744T	Sound Devices 722	Zaxcom Deva IV	Zaxcom Deva V	
Recording tracks	6 + 2	2	6	6 + 2	2	2	4	2	8	10	
Analogue mic inputs	5	2 (mic/line)	6 (mic/line)	6 (mic/line)	2 (mic/line)	2	2	2 (mic/line)	8	8	
	connector	XLR 3, XLR 5	XLR 3	XLR 3	XLR 3	XLR 3	XLR 3	XLR 3	XLR 3	XLR 3	
	mic powering	P48	P48	P48, T12	P48	P48	P48	P48	P48	P48	
Analogue line inputs	4	2 (mic/line)	6 (mic/line)	8 (mic/line)	2 (mic/line)	2	4 (2 shared with 1&2)	2 (mic/line)			
	connector	XLR 5	XLR 3	XLR 3	XLR 3	XLR 3	D-15	Switchcraft TA3	XLR 3	XLR 3	
Digital inputs	8	2		8		2	4	2	8	8	
	format	AES	AES, SPDIF	AES, SPDIF	AES, SPDIF		AES, SPDIF	AES, SPDIF	AES	AES	
	connector	D-25	XLR 3	D-25	D-25		D-15	XLR & BNC	XLR & BNC	D-15	D-15
On-board mixing	analogue inputs	✓	✓	✓	✓		✓	✓	✓	✓	
	digital inputs	✓	✓	✓	✓		✓	✓	✓	✓	
On-board routing	✓	✓	✓	✓		✓	✓	✓	✓	✓	
Analogue line outputs	4	2	6	4	2	2	2	2	6	6	
	connector	XLR 5, 3.5mm	Phono	XLR 3	XLR 3	XLR 3	XLR 3	Switchcraft TA3	Switchcraft TA3	D-25	D-25
Digital outputs	8	2		8		2	4	2	8	8	
	format	AES	AES, SPDIF	AES, SPDIF	AES, SPDIF	AES	AES, SPDIF	AES, SPDIF			
	connector	D-25	XLR 3	D-25	XLR 3, D-25		XLR 3	BNC	BNC		
File formats	WAV										
	BWF, mono	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	BWF, poly		✓								
	Other(s)				SD2		MP3	MP3	SD2, ZAX	SD2, ZAX	
Sampling rates	22.05				✓						
	32		✓				✓	✓	✓	✓	
	44.1	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	48	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	48.048										
	88.2		✓	✓	✓		✓	✓	✓	✓	
	96	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	192		✓				✓	✓	✓	✓	
Bit depth	16	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	24	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Storage, internal	HDD	✓			✓	✓	✓	✓			
	optical	DVD option		DVD-RAM					DVD optional	DVD optional	
	other								CF	CF	
Storage, removable	HDD in caddy			✓					✓	✓	
	optical										
	other	CF, PCMCIA			PCMCIA, CF, Microdrive		CF I & II microdrive	CF I & II microdrive	DVD option	DVD option	
Storage format(s)	FAT16				✓		✓	✓	✓	✓	
	FAT32	✓	✓						✓	✓	
	other			UDF	HFS				UDF	UDF	
Record buffer	up to 35 secs	up to 10 secs		up to 10 secs		up to 20 secs	up to 10 secs	up to 10 secs	up to 15 secs	up to 15 secs	
Timecode	23.976	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	24	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	25	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	29.97	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	29.97DF	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	30	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	30DF	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	Connector	5 pin Lemo	5 pin Lemo (optional)	XLR 3	5 pin Lemo		5 pin Lemo	5 pin Lemo		5 pin Lemo	5 pin Lemo
	External sync	in	Word, video		Word, video	Word, video, trilevel		Word, video		Word	Word
		out			Word	Word, video, trilevel		Word		Word	Word
connector(s)		D-15		BNC	BNC		BNC		BNC	BNC	
External interface	SCSI			✓							
	1394 (firewire)	✓		✓		✓	✓	✓	✓	✓	
	USB 1.1		✓	✓		✓			✓	✓	
	USB 2.0			✓		✓			✓	✓	
	Other(s)	Bluetooth		Mini DIN 8	Mini DIN 8, Ethernet			RJ-12 serial	RJ-12 serial	RS422	RS422
Metering	peak						✓	✓	✓	✓	
	VU						✓	✓	✓	✓	
	other(s)						combination				
Start up from cold to record	<5 secs		<40 secs		<3 secs						
Powering	internal / on-board	proprietary x 2	8 x AA	NP1 LiOn	NP1	6 x AA	8 x D cell, LiOn pack	Sony M & L LiOn	Sony M & L LiOn	NP1	NP1
	external voltage	10.5V - 15V	12V	12V - 18V	12V - 18V	9V	6V - 13.8V	10V - 18V	10V - 18V	12V	12V
	external connector	XLR 4	Coaxial DC	XLR 4	XLR 4	XLR 4	XLR 4, Coaxial DC	Hirose 4 pin	Hirose 4 pin	XLR 4	XLR 4
	charge whilst in use?			✓		✓		✓	✓		
Dimensions	230 X 310 X 80	250 x 77 x 220	334 x 109 x 241	332 x 106 x 224	160 x 168 x 56	290 x 220 x 115	42 x 205 x 112	42 x 205 x 112	81 x 269 x 195	81 x 269 x 195	
Weight	with battery	3.2 kg		5.2 kg		3.5 kg	0.9 kg	1.0 kg			
Weight	without battery	4.2 kg	1.5 kg	3.5 kg	5 kg	0.9 kg	2.75 kg		2.7 kg	2.7 kg	
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