

PORTABLE DIGITAL RECORDERS, AT A GLANCE

COMPANY/PRODUCT	TRACKS	MEDIA	MAX RESOLUTION	ANALOG I/O	PHANTOM POWER	TIME-CODE	DIGITAL I/O	DIMENSIONS (INCHES)	RETAIL	NOTES
Aaton Cantar-X2; www.aaton.com	8	HD; DVD	24-bit/96k	8 XLR in; 2 XLR out	Yes	Yes	AES; FireWire	9x12x3.2	\$15,395	18-in mixer; word sync; Ethernet to PC/Mac; M/S decoder
Alesis ProTrack; www.alesis.com	2	iPod	16-bit/44.1k	2 XLR/TRS in; mini line out	Yes	No	USB	N/A	\$499	Portable dock for iPod recording; onboard mics
Boss Micro BR; www.roland.com	4	SD	24-bit/44.1k	1/8" mic; 1/4" guitar; 1/8" line	No	No	USB	5.4x3.25x0.87	\$319.50	Onboard effects and drums
Edirol R-09 HR; www.edirol.com	2	SD	24-bit/96k	1/8" mic/line	No	No	USB	2.5x4.5x1.1	\$450	Onboard mics, wireless remote
Edirol R-44	4	SD	24-bit/192k	4 XLR-TRS in; 4 RCA out	Yes	No	S/PDIF; USB	6.2x7.25x2.6	\$895	Onboard mics; two units link for 8 tracks
Edirol R-4 Pro	4	HD	24-bit/192k	4 XLR-TRS in; 4 RCA out	Yes	Yes	AES/EBU; USB	9.5x8.6x3.1	\$1,995	Onboard mics; waveform editing
Fostex PD606; www.fostex.com	8	HD; DVD	24-bit/192k	6 XLR in; 6 XLR out	Yes	Yes	AES/EBU; USB	4.6x12.8x9.2	\$9,995	Onboard mixer; word clock I/O
Fostex PD204	2	HD; DVD	24-bit/192k	4 XLR in; 2 XLR out	Yes	Yes	AES/EBU; USB	4.6x12.8x9.2	\$4,999	Onboard mixer; word clock I/O
Fostex FR-2	2	HD; CF	24-bit/192k	2 XLR in; 2 RCA out	Yes	Opt.	AES/EBU; S/PDIF; USB	3x9.8x8.7	\$1,499	Timecode reader/generator option
Fostex FR-2LE	2	CF	24-bit/96k	2 XLR-TRS in; 2 RCA out	Yes	No	USB	2.25x8.1x5.2	\$799	Includes wired remote
HHB PortaDrive; www.hhb.co.uk	8	HD	24-bit/96k	6 XLR mic/line; 4 XLR out	Yes	Yes	AES/EBU; S/PDIF; USB	13.1x4.2x8.8	\$13,995	Onboard mixer; word clock I/O; M/S decoder
Korg MR-1; www.korg.com	2	HD	1-bit/2.8MHz	2 TRS mini mic/line; mini out	No	No	USB	2.5x4.7x0.94	\$899	Includes stereo mic and 1-bit-to-PCM converter app.
Korg MR-1000	2	HD	1-bit/5.6MHz	2 XLR-TRS in; 2 XLR, RCA out	Yes	No	USB	7.6x6.7x2.2	\$1,499	Includes 1-bit-to-PCM converter software
Marantz PMD620; www.d-mpro.com	2	SD	24-bit/48k	2 mini mic/line in; mini line out	No	No	USB	2.5x4x1	\$599	Onboard mics
Marantz PMD660	2	CF	16-bit/48k	2 XLR mic in; 2 mini line in/out	Yes	No	USB	4.5x1.9x7.2	\$649	Includes remote, onboard mics
Marantz PMD670	2	CF	16-bit/48k	2 XLR mic in; RCA line in/out	Yes	No	S/PDIF; USB	10.4x2x7.3	\$899	On-the-fly, EDL-style marking
Marantz PMD671	2	CF	24-bit/96k	2 XLR mic in; RCA line in/out	Yes	No	S/PDIF; USB	10.4x2x7.3	\$1,199	"Virtual Third Head" confidence monitoring
Marantz CDR420	2	HD; CD	16-bit/44.1k	2 XLR-TRS in; 2 RCA out	Yes	No	S/PDIF; USB	11x4x9	\$1,499	Onboard CD burning and audio editing; optional DC pack
M-Audio MicroTrack II; www.m-audio.com	2	CF	24-bit/96k	2 TRS in, mini in; 2 RCA out	Yes	No	S/PDIF out; USB	2.4x4.25x1	\$499	Includes mic; -10dB pad optional
Nagra LB; www.nagraaudio.com	2	CF; 2GB internal	24-bit/192k	2 XLR mic in; 2 XLR out	Yes	Yes	AES-3 out; USB	6.9x2.6x7.3	\$3,000	Onboard editor
Nagra VI	6	HD; CF	24-bit/96k	4 XLR mic/line; 2 XLR line	Yes	Yes	2 AES in/out; USB	12.6x2.9x11.2	\$7,595	Onboard mixer; color TFT metering/status display
Nagra Ares-BB+	2	PCM-CIA; CF	20-bit/48k	2 XLR mic/line in; 2 XLR out	Yes	No	USB	6.25x6.75x2	\$2,395	M/S decoder; internal editor option
Nagra Ares-MII	2	2GB int.	16-bit/48k	Mini mic/line in; mini line out	No	No	USB	4.9x2x0.9	\$1,100	Onboard mic; onboard editor
Nagra Ares-PII+	2	PCM-CIA; CF	24-bit/48k	DIN-to-XLR mic/line cable	Yes	No	USB	7x3x1.2	\$2,495	Onboard mic; onboard editor option
Olympus LS-10; www.olympus.com	2	SD; 2GB int.	24-bit/96k	Mini mic/line in; mini line out	No	No	USB	5.2x1.8x0.9	\$449	Onboard mic
Roland CD-2e; www.rolandus.com	2	SD; CD	24-bit/44.1k	2 1/4" mic; 2 RCA line out	No	No	None	10.6x7.25x1.8	\$749	Onboard mic
Sony PCM-D50; http://pro.sony.com	2	4GB int; MS-Pro	24-bit/96k	Mini mic	No	No	USB; optical digital out	2.9x6.2x1.3	\$599	Onboard mic with X/Y and wide stereo patterns
Sony PCM-D1	2	4GB int; MS-Pro	24-bit/96k	Mini mic/line	No	No	USB; optical digital out	2.9x6.75x1.6	\$1,999	Onboard mics, titanium body
Sound Devices 702; www.sounddevices.com	2	CF	24-bit/192k	2 XLR mic/line; TA3 line outs	Yes	No	AES-3; FireWire	1.8x8.2x4.9	\$2,195	Word clock I/O; records to ext. FireWire drives; TC thru ports
Sound Devices 722	2	HD; CF	24-bit/192k	2 XLR mic/line; TA3 line outs	Yes	No	AES-3; FireWire	1.8x8.2x4.9	\$2,775	Word clock I/O; TC thru ports
Sound Devices 702T	2	HD; CF	24-bit/192k	2 XLR mic/line; TA3 line outs	Yes	Yes	AES-3; FireWire	1.8x8.2x4.9	\$2,775	Word clock I/O; all TC formats supported
Sound Devices 744T	4	HD; CF	24-bit/192k	2 XLR mic; 2 TA3 line in/out	Yes	Yes	AES-3; FireWire	1.7x8x4.4	\$4,395	Word clock I/O; all TC formats supported
Sound Devices 788T	8	HD; CF	24-bit/48k	4 XLR mic/line; 4 TA3 mic/line	Yes	Yes	AES/EBU; FireWire	1.8x10.1x6.4	\$5,995	Word clock I/O; all TC formats supported
Tascam DR-1; www.tascam.com	2	SD	24-bit/48k	Mini mic/line; 1/4" mic ins	No	No	USB	2.8x1.1x5.3	\$399	Variable angle onboard mics
Tascam GT-R1	2	SD	24-bit/48k	Mini mic/line; 1/4" instrument	Yes	No	USB	2.8x1.1x5.3	\$469	Onboard mics and drums
Tascam HD-P2	2	CF	24-bit/192k	2 XLR mic in; RCA line in/out	Yes	Yes	S/PDIF; FireWire	10.25x7.75x2.5	\$1,249	PS/2 keyboard control
Yamaha Pocketrak 2G; www.yamaha.com	2	2GB internal	16-bit/44.1k	Mini mic/line	No	No	USB	1.25x4.6x0.5	\$450	Onboard mic
Zaxcom Deva 5.8; www.zaxcom.com	10	HD; DVD; CF	24-bit/96k	8 XLR mic/line; 6 DB-25 line outs	Yes	Yes	8 AES ins/out; FireWire	10.5x8x3.75	\$12,995	16-input mixer; PS/2 keyboard control; word clock I/O
Zaxcom Deva 16	16	HD; DVD; CF	24-bit/192k	8 XLR mic/line; 4 line in; 8 line out	Yes	Yes	8 AES ins/out; FireWire	10.5x8x3.75	\$14,995	16-input mixer; PS/2 keyboard control; word clock I/O
Zaxcom Fusion	4 to 8	(2) CF slots	24-bit/192k	8 XLR mic/line	Yes	Yes	8 AES ins/out; FireWire	10.6x7.7x3.2	\$7,995	16-input mixer; LCD touch-screen; PS/2 keyboard control
Zoom H2; www.samsontech.com	2*	SD	24-bit/96k	Mini mic/line in; mini line out	No	No	USB	2.5x4.3x1.25	\$335	*Onboard 4-ch encoder; onboard multipattern mic
Zoom H4	2*	SD	24-bit/96k	2 combo XLR/TRS in	Yes	No	USB	2.75x6x1.5	\$495	*Onboard 4-track mode; onboard X/Y mic

KEY: Media: HD=Hard Disk; SD=Secure Digital; CF=Compact Flash; MS=Memory Stick. All units are DC-powerable with two or more recording tracks. All prices are U.S. MSRP.