

R24 Recorder:Interface Controller:Sampler Specifications

Section		R24	
Recorder	Track count	24 (mono)	
	Maximum number of simultaneous recording tracks	8	
	Maximum number of simultaneous playback tracks	24 audio +metronome	
	Recording data format	44.1/48 kHz, 16/24bit WAV format	
	Maximum recording time	200 minutes/1 GB (44.1 kHz 16-bit, mono tracks)	
	Projects	1000	
	Markers	100/project	
	Locator	Hours/minutes/seconds/milliseconds and bars/beats/ticks	
	File editing	Divide, trimming	
	Other functions	Punch-in/out (manual, auto), bounce, A-B repeat, undo/redo	
Audio Interface	Number of recording channels	8	
	Number of playback channels	2	
	Quantization bit-rate	24	
	Sampling frequency	44.1, 48, 88.2, 96 kHz	
Mixer	Faders	9 (mono x 8, master x 1)	
	Level meter display	4-segment display	
	Track parameters	3-band equalizer, pan (balance), effect send x 2, invert	
	Stereo link	Tracks 1/2~23/24 selectable in pairs	
Effect	Algorithms	9 (CLEAN, DISTORTION, ACO/BASS, BASS, MIC, DUAL MIC, STEREO, 8xCOMP EQ, MASTERING)	
	Patches	330 insert, 60 send-return	
	Effect Modules	7 insert, 2 send	
	Tuner	Chromatic, guitar, bass, open A/D/E/G, D modal	
Rhythm	Voices	8	
	Sound format	16-bit linear PCM	
	Drum kits	10	
	Pads	8 (velocity-sensitive)	
	Precision	48 PPQN	
	Rhythm patterns	511/project	
	Tempo	40.0~250.0 BPM	
Sampler	Playback formats	44.1/48 kHz, 16/24-bit WAV format	
	Editing functions	Trim, time-stretch	
Hardware	Recording media	SD card (16MB-2GB), SDHC card (4-32GB)	
	Analog-digital conversion	96kHz 24bit delta-sigma ADC	
	Digital-analog conversion	96kHz 24bit delta-sigma DAC	
	Display	128 x 64 pixel LCD (with backlight)	
	Inputs	INPUT1~8	8 XLR/standard phone combo jacks Input impedance: (Balanced input) 1K Ω balanced (2 hot) (Unbalanced input) 50K Ω unbalanced 1 with Hi-Z, input impedance 1 M Ω (Hi-Z on) 6 with phantom power Input level: -50 dBm < continuous < +4 dBm
		Built-in mics	Omnidirectional condenser microphones Gain: -50dBm < continuous < +4dBm
	Phantom power	48 V, 24 V	
	Outputs	OUTPUT	TRS phone type (balanced)
		PHONES	Standard stereo phone jack 20 mW x 2 (32 Ω load)
	USB	USB2.0 Hi-Speed (operation as audio interface/control surface/card reader/USB storage)	
	Power	DC 5V 1A AC adapter (ZOOM AD-14) Six AA batteries (4.5-hour continuous operation time with backlight set to 15 seconds and phantom power off)	
Dimensions	376 mm (W) x 237.1 mm (D) x 52.2 mm (H)		
Weight	1.3 kg		