

# Roland Rubix44 4-In/4-Out USB Audio Interface

SYSTEM	
Number of Audio Record/Playback Channels	Record: 4 channels Playback: 4 channels
Signal Processing	PC interface: 24 bits AD/DA conversion: 24 bits
Sampling Frequency	AD/DA conversion: 44.1 kHz, 48 kHz, 96 kHz, 192 kHz
Interface	Hi-Speed USB MIDI IN, OUT
Connectors	INPUT (1L, 2R, 3L, 4R) connectors: XLR type (balanced, phantom power: +48 V, 6 mA Max *1) INPUT (1L, 2R, 3L, 4R) jacks *2: 1/4-inch TRS phone type (balanced) PHONES jack: Stereo 1/4-inch phone type OUTPUT (1L, 2R, 3L, 4R) jacks: 1/4-inch TRS phone type (impedance balanced) MIDI (IN, OUT) connectors USB port: USB Type B DC IN jack *1 Current value per channel. *2 INPUT 1L, 3L support high impedance
Controllers	SENS 1L, 2R, 3L, 4R knobs Hi-Z switches 48V switches THRS knobs COMP/LIMIT switches DIRECT MONITOR 1/2 knob DIRECT MONITOR 3/4 knob MONO switches OUTPUT knob PHONES knob POWER switch GROUND LIFT switch PHONES SOURCE switch LOOPBACK switch COMP/LIMIT TYPE 1/2 switch COMP/LIMIT TYPE 3/4 switch
Indicator	Level indicators (1L, 2R, 3L, 4R) Level indicator (COMP/LIMIT) POWER indicator Hi-Z indicators 48V indicators COMP/LIMIT indicators
CHARACTERISTICS	
Nominal Input Level	INPUT (1L, 2R, 3L, 4R) connectors (XLR type): -60-- -12 dBu INPUT (1L, 2R, 3L, 4R) jacks (1/4-inch TRS phone type): -44--+4 dBu
Maximum Input Level	INPUT (1L, 2R, 3L, 4R) connectors (XLR type): +2 dBu INPUT (1L, 2R, 3L, 4R) jacks (1/4-inch TRS phone type): +18 dBu
Nominal Output Level	OUTPUT (1L, 2R, 3L, 4R) jacks: -6 dBu (impedance balanced)
Maximum Output Level	OUTPUT (1L, 2R, 3L, 4R) jacks: +8 dBu (impedance balanced)
PHONES Maximum Output Power	20 mW + 20 mW (L + R, 47 ohms load)
Headroom	14 dB
Input Impedance	INPUT (1L, 2R, 3L, 4R) connectors (XLR type): 4 k ohms or greater (balanced) INPUT (1L, 2R, 3L, 4R) jacks (1/4-inch TRS phone type): 15 k ohms or greater (balanced) INPUT (1L, 3L) jacks (1/4-inch phone type): 500 k ohms or greater *3 When the Hi-Z is turned on
Output Impedance	OUTPUT (1L, 2R, 3L, 4R) jacks: 2 k ohms (balanced) PHONES jack: 47 ohms
Residual Noise Level	INPUT (1L, 2R) --> OUTPUT (1L, 2R): -94 dBu typ. (SENS 1L, SENS 2R knobs: min., input terminated with 600 ohms, IHF-A, typ.)

Dynamic Range	AD block INPUT (1L, 2R, 3L, 4R) jacks: 104 dB typ. (SENS 1L, SENS 2R knobs: min.) DA block OUTPUT (1L, 2R, 3L, 4R) jacks: 109 dB typ.
OTHER	
Power Supply	AC adaptor
Operating System	Microsoft(R) Windows(R) 7, Windows(R) 8, Windows(R) 8.1, Windows(R) 10 Apple Mac OS X 10.10 or later Apple iOS 9 or later
Dimensions	310 (W) x 165 (D) x 46 (H) mm 12-1/4 (W) x 6-1/2 (D) x 1-13/16 (H) inches
Weight (main unit only)	1.8 kg 4 lbs
Accessories	Setup Guide Leaflet "USING THE UNIT SAFELY" Power cord USB cable Ableton Live Lite Serial Number Card * 0 dBu = 0.775 Vrms