

# Roland Rubix22 2-In/2-Out USB Audio Interface

SYSTEM	
Number of Audio Record/Playback Channels	Record: 2 channels Playback: 2 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) connectors: XLR type (balanced, phantom power: +48 V, 6 mA Max *1) INPUT (1L, 2R) jacks *2: 1/4-inch TRS phone type (balanced) PHONES jack: Stereo 1/4-inch phone type OUTPUT (1L, 2R) jacks: 1/4-inch TRS phone type (impedance balanced) MIDI (IN, OUT) connectors USB port: USB Type B DC 5V port: USB Type micro B *1 Current value per channel. *2 INPUT 1L supports high impedance
Controllers	SENS 1L, 2R knobs Hi-Z switch 48V switch OUTPUT knob PHONES knob POWER SOURCE switch DIRECT MONITOR switch GROUND LIFT switch
Indicator	Level indicators (1L, 2R) POWER indicator Hi-Z indicator 48V indicator
CHARACTERISTICS	
Nominal Input Level	INPUT (1L, 2R) connectors (XLR type): -60-- -12 dBu INPUT (1L, 2R) jacks (1/4-inch TRS phone type): -44--+4 dBu
Maximum Input Level	INPUT (1L, 2R) connectors (XLR type): +2 dBu INPUT (1L, 2R) jacks (1/4-inch TRS phone type): +18 dBu
Nominal Output Level	OUTPUT (1L, 2R) jacks: -6 dBu (impedance balanced)
Maximum Output Level	OUTPUT (1L, 2R) 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) connectors (XLR type): 4 k ohms or greater (balanced) INPUT (1L, 2R) jacks (1/4-inch TRS phone type): 15 k ohms or greater (balanced) INPUT (1L) jack (1/4-inch phone type *3): 500 k ohms or greater *3 When the Hi-Z is turned on
Output Impedance	OUTPUT (1L, 2R) 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) jacks: 104 dB typ. (SENS 1L, SENS 2R knobs: min.) DA block OUTPUT (1L, 2R) jacks: 109 dB typ.
OTHER	
Power Supply	Supplied from the computer via USB, DC 5V
Current Draw	500 mA
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	145 (W) x 165 (D) x 46 (H) mm 5-3/4 (W) x 6-1/2 (D) x 1-13/16 (H) inches
Weight (main unit only)	1.0 kg 2 lbs 4 oz
Accessories	Setup Guide Leaflet "USING THE UNIT SAFELY" USB cable Ableton Live Lite Serial Number Card * 0 dBu = 0.775 Vrms