



I-ONIX[™]
USB DESKTOP RECORDING STUDIOS

Don't Sacrifice Your Music or Your Desktop

You care intensely about your music. It's more than a pastime – it's a passion. Lexicon understands your passion and it inspires us to innovate. Brilliantly designed, I-ONIX fits where it makes the most sense, between your keyboard and monitor. With all the controls at your fingertips, you'll wonder why no one ever thought of it before.

The innovation doesn't stop on the outside. Lexicon partnered with dbx® to design a new 60V high-voltage, ultra-low noise mic preamp into every input to provide professional recordings that keep your music sounding its best. The preamps run on a 60V supply to guarantee headroom and deliver a superior recording across a wide dynamic range. Ultra high-definition converters ensure pristine 24-bit/96kHz audio to capture every subtle nuance of your performance. In fact the inputs are so clear and transparent, your recordings will have deeper lows, smoother highs, and an overall fuller sound.

The Lexicon name is synonymous with "the world's best reverb." The Pantheon™ II VST/AU reverb plug-in features 6 reverbs types with 16 adjustable parameters, and 35 factory presets that range from Vocal to Live Sound and Special Effects. It's easy to complete your mix and add depth and dimension to any track with Lexicon's exquisitely rich, full reverbs.

No compromise performance – ergonomic brilliance. **Pure genius.**

U22 / U42S / U82S KEY FEATURES

- USB 2.0 connection to DAW – up to 480Mbps
- 44.1 to 96kHz sample rates, 24-bit resolution
- Analog ¼" and XLR combi-jack inputs on the rear panel for mic/line inputs
- dbx® 60V high-voltage, ultra-low noise mic preamp's on all analog mic/line inputs
- +48V phantom power for each input pair
- Hi-Z instrument input(s)
- Input signal metering via 8 LED's per channel
- Analog ¼" TRS (Stereo Main) outputs
- High-power ¼" headphone output(s)
- Patent-pending ergonomic design
- Signal mixing and stereo bus signal metering
- Zero latency monitoring
- Low latency ASIO drivers
- Lexicon Pantheon II VST/AU reverb plug-in
- Software suite includes Steinberg®'s Cubase® LE4, and Toontrack® EZdrummer® Lite
- Supports Windows® Vista/XP and Mac®

lexicon



SPECIFICATIONS

MICROPHONE INPUTS: Female XLR Pin 2 Hot
INPUT IMPEDANCE: 3kΩ balanced
PHANTOM POWER: +48 Volts
MAXIMUM GAIN: +58 dB
E.I.N. (AT MAX GAIN): -125 dBu @ 58dB gain typical (150Ω source)
 -128 dBu @ 58dB gain typical A-weighted (150Ω source)

MAXIMUM INPUT LEVEL: +20 dBu at minimum input gain
FREQUENCY RESPONSE: +0/-1.0 dB, 20Hz - 20kHz
THD+N: <0.01% 20Hz - 20kHz, +4 dBu input level, +4 dBu output (mic input to main output)
 <0.008% 1kHz, +4 dBu input level, +4 dBu output, (mic input to main output)

LINE INPUTS: 1/4" TRS balanced or unbalanced
INPUT IMPEDANCE: 20kΩ balanced, 13kΩ unbalanced
MAXIMUM INPUT LEVEL: +32 dBu
FREQUENCY RESPONSE: +0/-1.0 dB, 20Hz - 20kHz
THD+N: <0.015%, 20Hz - 20kHz, +4 dBu input level, +4 dBu output (line input to main output)
 <0.005%, 1 kHz, +4 dBu input level, +4 dBu output

INSTRUMENT INPUT: 1/4" TS unbalanced
INPUT IMPEDANCE: 1MΩ
MAXIMUM INPUT LEVEL: +13 dBu
FREQUENCY RESPONSE: +0/-1.0 dB, 20Hz - 20kHz
THD+N: <0.05%, 20Hz - 20kHz, +4 dBu input level, +4 dBu output, (instrument input to main output)
 <0.007%, 1 kHz, +4 dBu input level, +4 dBu output

LINE OUTPUTS: 1/4" TRS balanced or unbalanced
LEVEL: >+18 dBu maximum
IMPEDANCE: 32Ω Balanced, 16Ω Unbalanced

HEADPHONE OUTPUT: 1/4" stereo jack 350mW per channel at 50Ω

MIDI INTERFACE: 5 pin DIN connectors for MIDI in and MIDI out
SAMPLE RATE: 44.1, 48, 88.2, or 96 kHz (determined by computer application)

DYNAMIC RANGE: A/D (24 Bit) 102 dB typical, A-weighted, 20Hz - 20kHz
 D/A (24 Bit) 106 dB typical, A-weighted, 20Hz - 20kHz
 A/D/A (24 Bit) 101 dB typical, A-weighted, 20Hz - 20kHz

POWER REQUIREMENTS: Power adaptors available for
 100 – 240 VAC, 50/60 Hz, 12 Watts (U22)
 100 – 240 VAC, 50/60 Hz, 18 Watts (U42S)
 100 – 240 VAC, 50/60 Hz, 24 Watts (U82S)

	U22	U42S	U82S
Combi-Jack Analog Inputs	2	4	8
Simult. Recording Sources	2	6	10
dbx 60V Mic Preamps	2	4	8
Hi-Z Instrument Inputs	1	2	2
High-Power Headphone Outputs	1	2	2
1/4" TRS Analog Outputs	2	2	2
44.1 kHz to 96 kHz/24-bit	✓	✓	✓
Stereo S/PDIF		✓	✓
MIDI I/O	✓	✓	✓
Pantheon II VST/AU Reverb Plug-In	✓	✓	✓
Cubase LE4	✓	✓	✓
ToonTrack EZdrummer Lite	✓	✓	✓

