

# Lexicon® streamlines the desktop recording interface



U22



U42S



U82S

## Don't sacrifice your desktop or your music.

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, the I·ONIX Desktop Recording Series fits where it makes the most sense, between your keyboard and monitor. With all monitor and input level controls at your fingertips, you'll wonder why no one ever thought of it before.

Featuring newly designed dbx® microphone preamps on every channel, the I·ONIX series is more than equipped to provide professional recordings that keep your music sounding its best. The preamps run on a high-voltage supply to guarantee stability and provide you with a superior recording across a wide dynamic range. Performance driven A/D - D/A converters ensure pristine 24bit/96kHz audio to capture every subtle detail of your performance.



The Lexicon name is synonymous with "the world's best reverb." The Pantheon™ II VST/AU reverb plug-in features 6 reverb 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 make your music sound its best with the exquisitely rich, full reverbs that made Lexicon famous.

No compromise performance – ergonomic brilliance.  
Pure genius.

### I·ONIX 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
- Analog ¼" TRS (Stereo Main) outputs
- dbx® high-voltage, ultra-low noise mic preamp's on all analog mic/line inputs
- Supports Windows® and Mac® platforms
- 48V phantom power for each input pair
- Input signal metering via 8 LED's per channel
- Signal mixing and stereo bus signal metering
- ¼" high output headphone connection(s)
- MIDI In/Out
- 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





### Specifications

**Microphone Inputs:** Female XLR Pin 2 Hot  
**Input Impedance:** 3kΩ balanced  
**Phantom Power:** +48 Volts  
**Maximum gain:** +55 dB  
**E.I.N. (at max gain):** -127 dB @ 55dB gain typical (150Ω source)  
 -130 dB @ 55dB gain typical A-weighted (150Ω source)  
**Maximum Input Level:** +8 dBu  
**Frequency Response:** +/-1.5 dB, 20Hz - 20kHz  
**THD+N:** <0.002%, 20Hz - 20kHz  
 <0.002%, 1kHz, -6 dBu  
  
**Line Inputs:** 1/4" TRS balanced or unbalanced  
**Input Impedance:** 20kΩ balanced, 13kΩ unbalanced  
**Maximum Input Level:** +18 dBu  
**Frequency Response:** +/-1.5 dB, 20Hz - 20kHz  
**THD+N:** <0.02%, 20Hz - 20kHz  
 <0.002%, 1kHz, +18 dBu  
  
**Instrument Input:** 1/4" TS unbalanced  
**Input Impedance:** 1MΩ  
**Maximum Input Level:** +10 dBu  
**Frequency Response:** +/-2.5 dB, 20Hz - 20kHz  
**THD+N:** <0.08%, 1kHz, +4 dBu  
  
**Line Outputs:** 1/4" TRS balanced or unbalanced  
**Level:** +18 dBu maximum  
**Impedance:** 32Ω Balanced, 16Ω Unbalanced  
  
**Headphone Output:** 1/4" stereo jack 250mW 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) 108 dB typical, A-weighted, 20Hz - 20kHz  
 D/A (24 Bit) 110 dB typical, A-weighted, 20Hz - 20kHz  
 A/D/A (24 Bit) 106 dB typical, A-weighted, 20Hz - 20kHz  
  
**Power Requirements:** Power adaptors available for  
 100 – 240 VAC, 50/60 Hz, 15 Watts

	U22	U42S	U82S
Combi-jack Analog Inputs	2	4	8
Simult. Recording Sources	2	6	10
Microphone Preamps	2	4	8
Hi-Z Instrument Inputs	1	2	2
S/PDIF	No	Yes	Yes
MIDI	Yes	Yes	Yes
Headphone Connections	1	2	2
1/4" TRS Analog Outputs	2	2	2



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dbx  
PROFESSIONAL PRODUCTS

CUBASE LE4

TOONTRACK