

USB 2.0



for Microsoft Windows 7
Windows Vista / Windows XP

for Mac OS X

VS PREAMP

VS STREAMING

8 Premium Mic Preamps, Compact I/O, Pristine Sound Quality

With ten inputs, ten outputs, eight VS PREAMPS, and superb 24-bit/192 kHz audio quality, OCTA-CAPTURE sets a new standard in portable USB 2.0 audio interfaces. Designed for high-level audio production, it combines premium components, Roland-quality engineering, and proprietary preamp and streaming technology. With its compact design and pristine audio quality, OCTA-CAPTURE is not only the perfect interface for multi-channel computer-based production, but also a great solution for expanding the I/O capability of the V-STUDIO 700 and V-STUDIO 100. Brimming with quality and performance that far exceeds its size and price, OCTA-CAPTURE is *the* next-generation audio interface.

- ▶ Eight premium mic preamps built in (VS PREAMP)
- ▶ AUTO-SENS function intelligently sets optimal input levels for all preamps
- ▶ Extremely stable low-latency VS STREAMING driver
- ▶ Four independent software-controlled Direct Mixers for creating custom monitor mixes
- ▶ Supports all major DAW platforms on Mac or PC, including OSX 10.6 and Windows 7, through ASIO 2.0/WDM (Windows) and Core Audio (Mac) drivers
- ▶ Rackmount ears included
- ▶ Bundled with Cakewalk Production Plus Pack





Front Panel



Rear Panel

Eight Premium Mic Preamps VS PREAMP

OCTA-CAPTURE boasts eight premium-grade digitally controlled mic preamps (VS PREAMPS), built with the same high-grade components as the preamps in the V-STUDIO 700 and M-400 V-Mixer. Eight XLR inputs are provided for the preamps, plus independent phantom power, low-cut filter, phase invert, and digital compression for each channel.



Auto Input Level Adjustment

Never before has it been this fast and easy to set perfect input levels — simply activate the AUTO-SENS feature with the push of a button, play your connected instruments, and OCTA-CAPTURE automatically sets the ideal recording level for each input. It's great for quick, fail-safe audio capture when recording either a fully mic'd drum kit or an entire band.



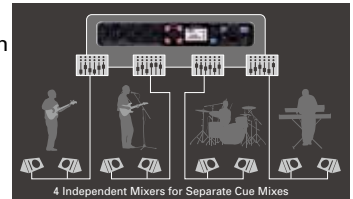
Extreme Low-Latency Driver VS STREAMING

OCTA-CAPTURE offers incredible stability and industry-leading low-latency USB performance via Roland's proprietary VS STREAMING technology. All current Mac and PC DAW platforms are supported through ASIO 2.0/WDM (Windows) and Core Audio (Mac) drivers.

Thanks to VS STREAMING, you can use multiple devices (two OCTA-CAPTURE units or one OCTA-CAPTURE plus a V-STUDIO 100 or V-STUDIO 700) on the same USB bus without compromising stability, performance, or audio quality.

Four Flexible Monitor Mixes

Beyond traditional audio interfacing, OCTA-CAPTURE offers four independent Direct Mixers for creating software-controlled monitor mixes. Each mix can be routed to any of the analog outputs and can take advantage of the internal 40-bit DSP processing — perfect for sending custom monitor mixes to headphones, speakers, or recording devices.



OCTA-CAPTURE Specifications

■ **Number of Audio Record/Playback Channels** < Sampling Frequency = 44.1 kHz, 48 kHz, 96 kHz > Record: 12 channels, Playback: 10 channels < Sampling Frequency = 192 kHz > Record: 4 channels, Playback: 4 channels ■ **Signal Processing** PC interface: 24-bit, AD/DA Conversion: 24-bit, Internal: 40-bit ■ **Sampling Frequency** AD/DA Conversion: 44.1 kHz / 48 kHz / 96 kHz / 192 kHz, DIGITAL (IN/OUT): 44.1 kHz / 48 kHz / 96 kHz ■ **Nominal Input Level** Input Jack 1 — 6 (XLR type): -56 to -6 dBu, Input Jack 7 — 8 (XLR type): -50 to +0 dBu, Input Jack 1 — 8 (1/4-inch TRS phone type): -46 to +4 dBu ■ **Nominal Output Level** OUTPUT 1 — 8: +0 dBu (balanced) ■ **Head Room** 16 dB ■ **Input Impedance** Input Jack 1 — 6 (XLR type): 5 kΩ (balanced), Input Jack 7 — 8 (XLR type): 10 kΩ (balanced), Input Jack 1 — 8 (1/4-inch TRS phone type): 17 kΩ (balanced) ■ **Output Impedance** OUTPUT 1 — 8: 1.8 kΩ (balanced), PHONES: 47 Ω ■ **Frequency Response** 192.0 kHz: 60 kHz to 90 kHz (+0/-8 dB), 192.0 kHz: 20 Hz to 60 kHz (+0/-2 dB), 96.0 kHz: 20 Hz to 40 kHz (+0/-2 dB), 48.0 kHz: 20 Hz to 22 kHz (+0/-2 dB), 44.1 kHz: 20 Hz to 20 kHz (+0/-2 dB)

■ **Residual Noise Level** INPUT 1 — 2 → MAIN OUT: -87 dBu typ. (GAIN: min., 600 Ω terminated, IHF-A) * Internal Direct Monitor Mixer setting: Stereo Link: ON, Input channel fader: Unity ■ **Dynamic Range** < AD block > INPUT 1 — 8: 104 dB typ. (GAIN: min.) < DA block > OUTPUT 1 — 8: 113 dB typ. ■ **Display** 128 x 64 dots Graphic LCD (backlit LCD) ■ **Connectors** Input Jacks 1 — 8 (XLR type / 1/4-inch TRS phone type): XLR type (balanced / phantom power +48 V), 1/4-inch TRS phone type (balanced), Coaxial Input Connector, Coaxial Output Connector, Headphone Jack (Stereo 1/4-inch phone type), Output Jack 1 — 8 (1/4-inch TRS phone type (balanced)), MIDI Connectors (In, Out), USB Connector ■ **Power Supply** DC 9 V (AC adaptor) ■ **Current Draw** 1.45 A ■ **Dimensions** 283.8 (W) x 157.9 (D) x 50.4 (H) mm / 11-3/16 (W) x 6-1/4 (D) x 2 (H) inches ■ **Weight** 1.32 kg / 2 lbs 15 oz ■ **Accessories** Rack Mount Angle x 2, Owner's Manual, Cakewalk Production Plus Pack DVD-ROM, Driver CD-ROM, AC Adaptor, USB cable

* 0dBu=0.775Vrms

* The specifications are subject to change without notice.