



**cakewalk**  
by Roland

# SONAR V-STUDIO 100

Portable Music Production Studio for Windows & Mac



### With your computer:

Audio Interface + DAW Controller



Take control of your music production using the SONAR V-STUDIO 100 as a high-quality audio and MIDI interface and DAW controller. Connect to a Mac or Windows and use your favorite software such as SONAR, Logic, Live, Cubase, or the included SONAR VS digital audio workstation (Windows Only).

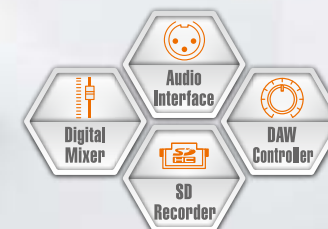
### Away from your computer:

SD Recorder + Digital Mixer



Record directly to SONAR V-STUDIO 100's SD-card wherever or whenever inspiration strikes—without the need to boot up your computer. Take the SONAR V-STUDIO 100 to your live gigs and use its digital mixer, reverb, compression, and EQ to mix vocals and other instruments.

SONAR V-STUDIO 100 is the portable music production studio that lets you create, record, produce, and perform music with or without a computer.



## SONAR V-STUDIO 100

Portable Music Production Studio for Windows & Mac

# IT'S YOUR MUSIC. TAKE CONTROL



SONAR V-STUDIO 100 Hardware (Mac/Win)

#### High Quality USB 2.0 Audio Interface

- 8 in + mix / 6 out, 24-bit/96 kHz quality
- 2 mic pre-amps w./phantom power, Hi-Z guitar input; MIDI I/O
- ASIO, WDM, WASAPI, Core Audio support
- Compatible with DAWs such as SONAR, Logic, Live, and Cubase

#### Universal DAW Controller

- Use with any DAW through Mackie Control
- 100 mm motorized, touch-sensitive fader
- 5 rotary encoders, 11 buttons, and transport control
- Advanced control of SONAR through Active Controller Technology

#### Personal Digital Mixer

- Ideal for mixing small bands, solo musicians, DJs, home studios
- 8 inputs / 6 outputs, plus headphones
- 4 types of reverb and 6 channels of EQ and compression

#### Mobile SD Recorder

- Record away from your computer
- 2 channel wave recording and playback
- Built-in metronome
- Capture rehearsals and live performances or play along to backing tracks
- Easily transfer audio to and from any computer via USB



VS Production Pack (Mac/Win)

#### A phenomenal collection of effects and virtual instruments (Mac/Win)

Take your music to the next level with the VS Production Pack

- VX-64 Vocal Strip
- Native Instruments Guitar Rig 3 LE
- Boost 11 Peak Limiter
- Channel Tools Stereo Processor
- Cakewalk Studio Instruments
- Dimension LE Virtual Instrument
- Rapture LE Software Synthesizer



SONAR VS (Win)

#### Powerful Digital Audio Workstation based on the award winning SONAR Producer (Win)

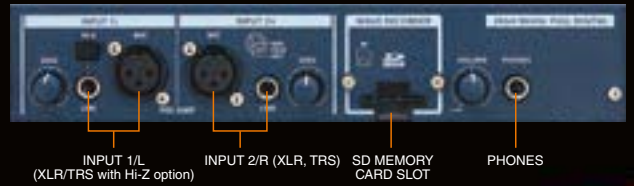
Everything you need to get started recording, editing, and mixing music and audio (Win)



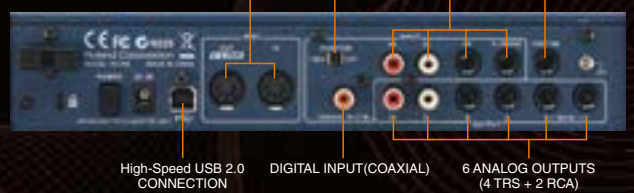
## TOP PANEL



## FRONT PANEL



## REAR PANEL



## SPECIFICATIONS

<b>Audio Interface, Digital Mixer</b> <b>Number of Input Channels</b> 8 <b>AD/DA Conversion</b> Sample Rate: 44.1/48.0/96.0 kHz Signal Processing: 24-bit <b>DSP processing</b> Compressor, Equalizer, Reverb <b>Number of USB Audio Record/Playback Channels</b> Record: 10 channels Playback: 6 channels Full duplex <b>Frequency Response</b> 96.0 kHz: 20 Hz to 40 kHz (+0/-3 dB) 48.0 kHz: 20 Hz to 22 kHz (+0/-3 dB) 44.1 kHz: 20 Hz to 20 kHz (+0/-3 dB) <b>Residual Noise Level (IHF-A, typ.)</b> MAIN MIX knob = U, CHANNEL VOLUME knobs = -∞ -96 dBu MAIN MIX knob = U, CHANNEL VOLUME knobs = U -81 dBu <b>Nominal Input Level</b> Mic Input Jacks 1-2: -60 to -16 dBu Input Jacks 1-2: -40 to +4 dBu Input Jacks 3-4: +4 dBu Input Jacks 5-6: -10dBu * Maximum input level: Nominal input level +18 dB <b>Input Impedance</b> Mic Input Jacks 1-2: 1.5 k ohms Input Jacks 1-4: 15 k ohms Input Jacks 2 (Hi-Z): 500 k ohms Input Jacks 5-6: 18 k ohms <b>Nominal Output Level</b> Output Jack 1-4: +4 dBu Output Jack 5-6: -10 dBu * Maximum output level: Nominal Output Level + 18 dB <b>Output Impedance</b> Output Jack 1-4: 2 k ohms Output Jack 5-6: 1 k ohms <b>Recommended Load Impedance</b> 10 k ohms or greater		<b>Connectors</b> Mic Input Jacks 1-2: XLR type (balanced / phantom power +48 V) Input Jacks 1-4: 1/4 inch TRS phone type (balanced) * Input Jack 1: Lo-Z / Hi-Z Input Jacks 5-6: RCA pin type Output Jacks 1-4: 1/4 inch TRS phone type (balanced) Output Jacks 5-6: RCA pin type MIDI Connectors (Input/Output) Digital Input Connector: Coaxial type USB Connector (B type) Headphones Jack (Stereo 1/4 inch phone type)	<b>Files</b> Up to 2 GB: 512 files 4 GB or more: 1000 files <b>Controls</b> A-B REPEAT Metronome Marker REC-ON-PLAY MODE <b>Recording Time using 8GB SDHC card</b> 16 bit/44.1kHz stereo 755 minutes 16 bit/48kHz stereo 694 minutes 24 bit/48kHz stereo 462 minutes 24 bit/96kHz stereo 231 minutes <small>* Recording times are approximate. Actual results may vary.            * If more than one recorded file exists, the total recordable time will be less than listed.            * WAVE RECORDER does not function when VS-100 is connected to PC.</small>
<b>DAW Controller</b> <b>CT Mode: OFF</b> Fader = 100mm Motorized Fader Encoders = 1 Buttons = 10 Transport <b>ACT Mode: ON</b> Fader = 100mm Touch Sensitive Motorized Fader Encoders = 11 Buttons = 11 Transport <b>FULL-ASSIGN Mode: ON</b> Fader = 100mm Touch Sensitive Motorized Fader Encoders = 5 Buttons = 16 Transport Volume = 8		<b>Wave Recorder</b> <b>Channels</b> Record: 1 Channel Stereo Playback: 1 Channel Stereo (NORMAL MODE) Playback: 2 Channel Stereo (REC-ON-PLAY MODE) <b>Data Type</b> Format: STEREO, WAV Sampling Frequency: 44.1kHz / 48kHz / 96kHz Bit Depth: 16/24-bit <b>Recording Media</b> SD(HC) memory card (not included), 512MB or more	<b>More</b> <b>Display</b> Graphic LCD 122 x 32 dot (with back-light) <b>Power Supply</b> DC9V (AC adaptor) <b>Current Draw</b> 1 A <b>Phantom Power</b> +48 V / 5 mA (each input) <b>Dimensions</b> 282.0 (W) x 180.8 (D) x 70.2 (H) mm 11-1/8 (W) x 7-1/8 (D) x 2-13/16 (H) inches <b>Weight</b> 1.9 kg / 4 lbs 4 oz <b>Accessories</b> Owner's Manual USB cable Driver CD-ROM VS Production Pack + SONAR VS DVD-ROM AC Adaptor

(0 dBu = 0.775 V rms)

## SYSTEM REQUIREMENTS

- USB port
- 1+ GB RAM (2+ GB recommended)
- 8+ GB Hard Disk Space
- 1024 X 768 Screen Resolution or higher
- DVD-ROM Drive for installation

### PC

- Microsoft Windows Vista, XP Home/Professional SP2 or later \*1
- Intel® Core™ Processor 1.5 GHz or higher
- Optional: CD-R Drive for CD writing; Internet Connection and Web Server  
Space with FTP Access for uploading music via Cakewalk Publisher

### Macintosh

- Mac OS X 10.4.11, Mac OS X 10.5.6 and higher \*2
- Intel Core2Duo Processor or higher \*3

\*1 This product does not support Windows XP Media Center Edition or XP Professional x64; when running Vista x64, SONAR VS runs in the 32-bit emulation layer; Macintosh computers running Microsoft Windows are not officially supported.

\*2 This product does not support the Mac OS X Classic environment, including running the Classic environment simultaneously. Please note that the SONAR VS software does not support Macintosh.

\*3 If you are using this product with an application that requires a certain level of performance, that application must support the CPU that is installed in your Macintosh.

This product has been tested on representative computers that meet the system requirements, but we cannot guarantee that it will operate on any computer that meets these requirements. Please be aware that even under the same conditions, differences in the operating environment may produce differences in processing capability.

## ONLINE

▶ [www.sonarvstudio.com](http://www.sonarvstudio.com)



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