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).
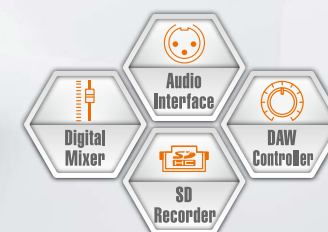
Away from your computer:
SD Recorder + Digital Mixer

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

Digital Mixer · Audio Interface · DAW Controller · SD Recorder

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
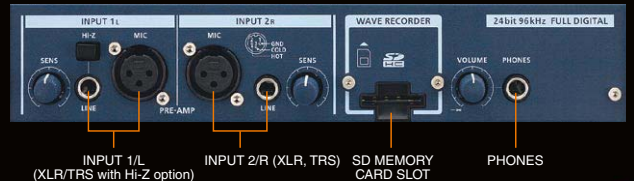**Rapture LE Software Synthesizer**

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

SONAR V-STUDIO 100
8 IN 6 OUT AUDIO CAPTURE & MIXER
CONTROL SURFACE

- Display screen
- Channel strip section
- 100 mm motorized, touch-sensitive fader
- Metronome
- DAW/WAVE Recorder button
- Input section
- Transport section
- ACT button
- Rotary encoders

FRONT PANEL

- INPUT 1/L (XLR/TRS with Hi-Z option)
- INPUT 2/R (XLR, TRS)
- SD MEMORY CARD SLOT
- PHONES

REAR PANEL

- MIDI IN & OUT
- PHANTOM POWER
- 4 ANALOG OUTPUTS (2 TRS & 2 RCA)
- DUAL FOOT SW input (with optional BOSS FS-6)
- High-Speed USB 2.0 CONNECTION
- DIGITAL INPUT(COAXIAL)
- 6 ANALOG OUTPUTS (4 TRS + 2 RCA)

SPECIFICATIONS

Audio Interface, Digital Mixer

Number of Input Channels	8
AD/DA Conversion	Sample Rate: 44.1/48.0/96.0 kHz Signal Processing: 24-bit
DSP processing	Compressor, Equalizer, Reverb
Number of USB Audio Record/ Playback Channels	Record: 10 channels Playback: 6 channels Full duplex
Frequency Response	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)
Residual Noise Level (IHF-A, typ.)	MAIN MIX knob = U, CHANNEL VOLUME knobs = -∞ -96 dBu MAIN MIX knob = U, CHANNEL VOLUME knobs = U -81 dBu
Nominal Input Level	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
Input Impedance	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
Nominal Output Level	Output Jack 1-4: +4 dBu Output Jack 5-6: -10 dBu * Maximum output level : Nominal Output Level + 18 dB
Output Impedance	Output Jack 1-4: 2 k ohms Output Jack 5-6: 1 k ohms
Recommended Load Impedance	10 k ohms or greater

Connectors

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)

DAW Controller

CT Mode: OFF	Fader = 100mm Motorized Fader Encoders = 1 Buttons = 10 Transport
ACT Mode: ON	Fader = 100mm Touch Sensitive Motorized Fader Encoders = 5 Buttons = 11 Transport
FULL-ASSIGN Mode: ON	Fader = 100mm Touch Sensitive Motorized Fader Encoders = 5 Buttons = 16 Transport Volume = 8

Wave Recorder

Channels	Record: 1 Channel Stereo Playback: 1 Channel Stereo (NORMAL MODE) Playback: 2 Channel Stereo (REC-ON-PLAY MODE)
Data Type	Format: STEREO, WAV Sampling Frequency: 44.1kHz / 48kHz / 96kHz Bit Depth: 16/24-bit
Recording Media	SD(HC) memory card (not included), 512MB or more

Files

Files	Up to 2 GB: 512 files 4 GB or more: 1000 files
Controls	A-B REPEAT Metronome Marker REC-ON-PLAY MODE
Recording Time using 8GB SDHC card	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

* 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.

More

Display	Graphic LCD 122 x 32 dot (with back-light)
Power Supply	DC9V (AC adaptor)
Current Draw	1 A
Phantom Power	+48 V / 5 mA (each input)
Dimensions	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
Weight	1.9 kg / 4 lbs 4 oz
Accessories	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

ONLINE
▶ **www.sonarvstudio.com**

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*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.

CAKEWALK by Roland

ASIO · VST · ReWire · ACT ACTIVE CONTROLLER TECHNOLOGY · V-LINK · Works with Windows Vista™