

V·Studio





V-STUDIO 700

V-STUDIO CONSOLE VS-700C
V-STUDIO I/O VS-700R
FANTOM VS
SONAR 8.5 PRODUCER
Rapture

It's your music. Take Control.

Cakewalk V-STUDIO Series



The new V-STUDIO series empowers musicians around the world to take control of their music. Cakewalk and Roland have worked together to offer ground-breaking recording solutions for every musician, at every level, and every budget.

For the seasoned music professional, we have the V-STUDIO 700 system which offers a truly integrated hardware and software package that is the first of its kind in the music industry.

Smaller bands and singer-songwriters can choose the V-STUDIO 100 which offers powerful recording, mixing, and playback features in a compact, portable solution.

And now we introduce the V-STUDIO 20 which has been designed from the ground up for guitarists looking for genuine BOSS tones and COSM effects, powered by simple-to-use hardware and software.

Read on to learn more about the V-STUDIO line.



V-STUDIO 100

V-STUDIO 100 Hardware
SONAR VS
VS Production Pack

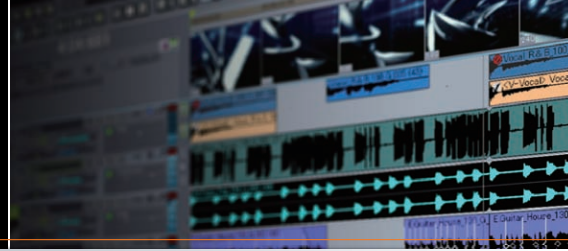


V-STUDIO 20

V-STUDIO 20 Hardware
Guitar Tracks 4
COSM Effects Editor

V-STUDIO 700

The Ultimate Solution for Music Production



for Microsoft® Windows® 7/
Windows Vista®/Windows® XP

USB 2.0

AUDIO
19 in/24 out

AUDIO
24-bit/192 kHz

MIDI
1 in/1 out

V-LINK

ASIO

DXi

VST

REAPER

ACT
ACTIVE CONTROLLER TECHNOLOGY



It's your music. Take Control.

V-STUDIO 700 matches SONAR 8.5 Producer with an ergonomically designed control surface, a flawless sounding audio interface with an onboard Phantom hardware synthesizer, and the award-winning Rapture virtual instrument. V-STUDIO 700 represents the flagship product in the next generation V-STUDIO line and the ultimate solution for music production.



V-STUDIO CONSOLE VS-700C

LCD Display

EQ/Send/ACT Control

Access Panel

Touch Sensitive
Motorized Faders



Multifunction T-Bar

Surround Joystick

Jog / Shuttle Wheel



Digital Input / Output
ADAT I/O
Wordclock Sync
14 Analog Outputs
MIDI IN & OUT
8 XLR/TRS remote controlled inputs with phantom power
Monitor Main & Monitor Sub

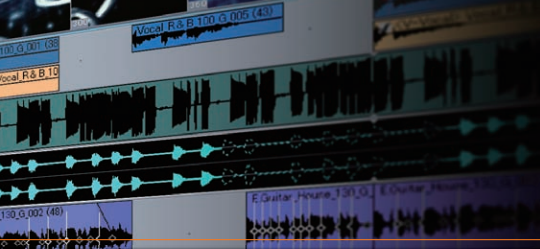
V-STUDIO I/O VS-700R



SONAR 8.5 PRODUCER



Rapture

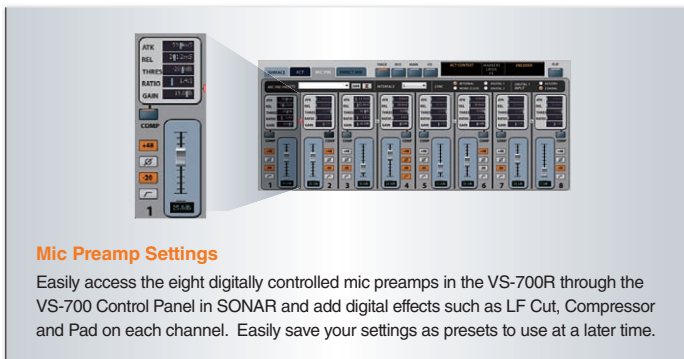


VS-700R can be used for any professional recording purpose

- Includes eight TRS/XLR Phantom power analog inputs, 14 analog outputs, digital I/O (AES/EBU, S/PDIF), ADAT digital I/O, MIDI I/O, and Wordclock I/O
- 8 digitally remote controlled mic preamps
- High quality input DSP including Phase, Pad, Low-cut, EQ, and Compressor
- High-speed USB 2.0 with low latency performance
- Increase I/O capability of the V-STUDIO 700 system to 37/48 (simultaneous) with an additional VS-700R I/O unit (sold separately)

Record pristine audio

- Supports 24-bit/192kHz audio
- Offers high-definition recording
- Features the same high performance mic preamps found in the RSS by Roland V-Mixer M-400
- Each analog channel features its own compressor
- Record directly into SONAR's 64-bit end-to-end audio engine and preserve your signal flow all the way through the final mixing and mastering process



Mic Preamp Settings

Easily access the eight digitally controlled mic preamps in the VS-700R through the VS-700 Control Panel in SONAR and add digital effects such as LF Cut, Compressor and Pad on each channel. Easily save your settings as presets to use at a later time.

The integrated Fantom VS Hardware Synthesizer

- World-renowned Fantom VS Hardware Synthesizer loads inside of SONAR as a hardware VSTi
- Stocked with over 1,400 sounds
- Features the same sounds found in the legendary Roland Fantom synthesizer
- Provides powerful synthesis with low latency and low-CPU performance
- One ARX expansion board slot for additional SuperNATURAL sounds



Take Control of Your Music

The VS-700C Console offers hands on control of your production environment. Easily access virtually everything you need right at your fingertips: edit, mix, and surround — all mouse-free. And with SONAR's Active Controller Technology, you can customize the VS-700C Console to work the way you want, allowing you to work quickly and more efficiently.

The Channel Strip Control is equipped with 12 rotary encoders which allow users to control various parameters

- The Channel Strip Control section allows users to control the inline EQ and Sends on selected channel strips or any plug-in on that channel
- Each plug-in parameter can be controlled through SONAR's ACT (Active Controller Technology)
- Rotary encoders are automatically remapped when switching between plug-ins
- Use Channel Branch to control all sends on a selected track simultaneously



The VS-700C provides 100mm touch sensitive motorized faders and powerful features to mix just the way you want

- The Channel Strip section is equipped with eight motorized touch sensitive faders
- Control eight different tracks and busses at once and switch between tracks with the Bank Button
- Lock any channel to a fader even when changing banks
- Each channel is equipped with a rotary encoder and separate MUTE, SOLO, ARM (record enable), and SEL (Select) buttons
- Access commonly used tools such as an Automation Button, T-Bar, and Jog/Shuttle Wheel



100mm motorized faders



Jog/shuttle wheel with cursor buttons

Additional Sounds with ARX Series

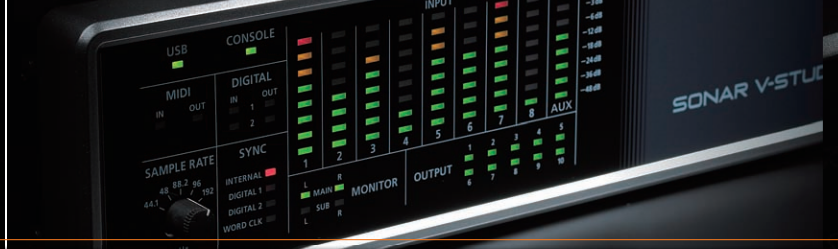
ARX



ARX-01 DRUMS
ARX-02 ELECTRIC PIANO
ARX-03 BRASS

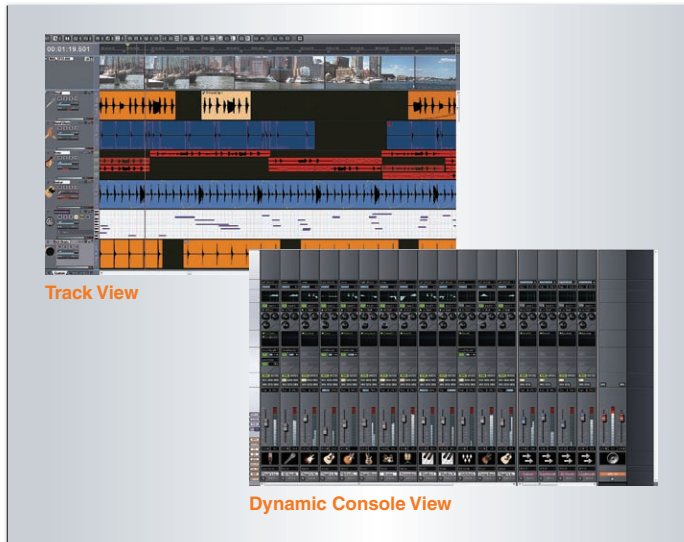
SuperNATURAL

The ARX series Expansion Board is powered by Roland's proprietary SuperNATURAL sound technology for organic, emotional expression. Optimized effects and custom graphic interfaces are exclusive to the ARX series. The ARX allows you to create unique instruments with the highest-quality sounds and organic control.



SONAR 8.5 Producer digital audio workstation

At the heart of the V-STUDIO 700 is SONAR 8.5 Producer which gives you what you need for recording, composing, editing, mixing, and mastering. SONAR 8.5 Producer delivers the go-to production tools you want with the best collection of virtual instruments, mixing, and mastering effects found in any DAW. Best of all, SONAR 8.5 integrates perfectly with the V-STUDIO 700 hardware for the most intelligent music production system in the industry.

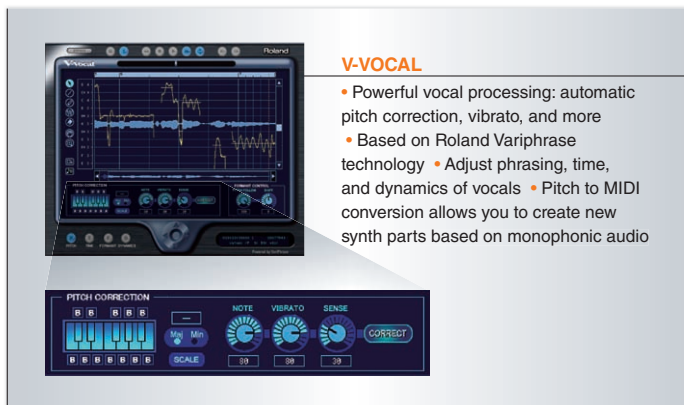


New in SONAR 8.5 Producer

SONAR 8.5 Producer introduces new beat creating and arrangement tools, a new drum instrument loaded with stellar kits, enhanced audio quantizing, new multi-stage effect plug-ins, and much more.

Powerful vocal editing

V-Vocal is a powerful vocal editing tool which allows users to freely edit vocals. Get total control over pitch correction, timing, dynamics, vibrato, and formant with just a couple of clicks of your mouse.



Plug-In Instruments

SONAR 8.5 Producer includes the best collection of included virtual instruments found in any DAW. Whether you're looking for acoustic or electric instrument sounds, emulations of classic gear, modern synthesized tones, drums, or a groovebox, you need to look no further than SONAR 8.5. You also get the full version of Rapture for a total of 16 stunning instruments.



Session Drummer 3



Rapture



Dimension Pro



True Pianos Amber

Plug-In Effects

SONAR 8.5 Producer provides you with 60 audio effects. Get high-quality EQs, Reverbs, Vocal Strip, Percussion Strip, Linear Phase Mastering plug-ins, and world famous Guitar Amp simulators. You can access all the effects right from the VS-700C Control and dial in the perfect mix.



PX-64 Percussion Strip



VX-64 Vocal Strip



TS-64 Transient Shaper



TL-64 Tube Leveler



LP-64 Mastering Multiband Compressor



LP-64 Mastering EQ



Channel Tools



VC-64 Vintage Channel



V-STUDIO 700 integrates with industry leading technology to be the centerpiece of your productions



Use V-STUDIO 700 for audio for video projects including surround mixing, foley, ADR, and scoring.



V-STUDIO 700



Use V-STUDIO 700 for music production in visual performances (VJ, presentations, etc.)

V-STUDIO 700 delivers the very best surround mixing experience

- V-STUDIO 700 is capable of mixing projects in over 30 different surround formats
- The joystick works in conjunction with the SONAR Surround Panner, F/R Balance and LFE send control for total control of your surround mix



T-Bar



Surround Joystick Panner

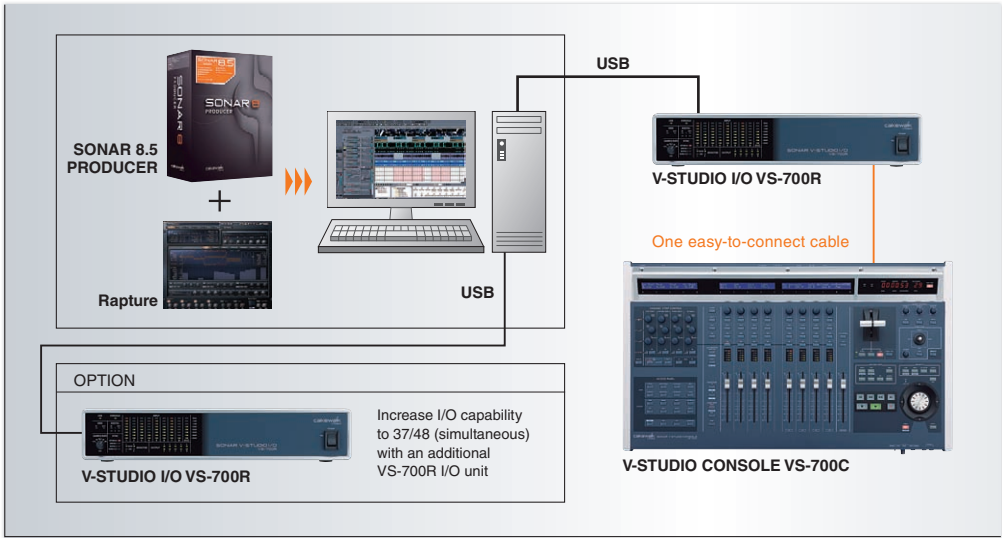
Switch back and forth between the audio and video worlds

- V-STUDIO 700 was designed to offer a complete production environment for audio and video
- Use the V-LINK Integration to control the EDIROL DV-7 video editor and other hardware with V-LINK support
- Includes enhanced video sync and post production functions



V-LINK

The V-STUDIO 700 is compatible with any V-LINK supported hardware. Using V-LINK, musicians can "play" video from their V-STUDIO 700 or electronic instrument — or even control a live video camera — when used with EDIROL video products.



MIPA Winner Best Recording Hardware 2009

Best DAW Controller 2010

2009 TEC AWARDS Nominee

For more info visit www.v-studio.info

V-STUDIO 100

Portable Music Production Studio for Windows and Mac



for Microsoft® Windows® 7/
Windows Vista®/Windows® XP

for Mac OS

USB2.0

AUDIO
8 in/6 out

AUDIO
24-bit/96 kHz

MIDI
1 in/1 out

V-LINK

SD

ASIO

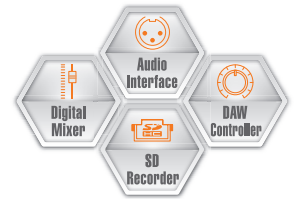
DXi

VST

REAPER

ACT
ACTIVE CONTROL TECHNOLOGY

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



SONAR VS (Win)



It's your music. Take Control.

MIPA Winner
Best Recording
Hardware 2010

m.i.p.a.



VS Production Pack (Mac / Win)

With your computer:

Audio Interface + DAW Controller



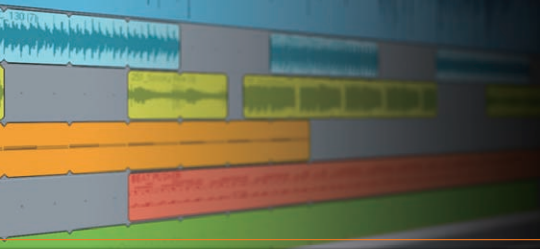
Take control of your music production using the V-STUDIO 100 as a high-quality audio and MIDI interface and DAW controller. Connect to a Mac or Windows and use your favorite software such as SONAR, Logic, Live, Cubase, or the included SONAR VS digital audio workstation (Windows Only).

Away from your computer:

SD Recorder + Digital Mixer



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

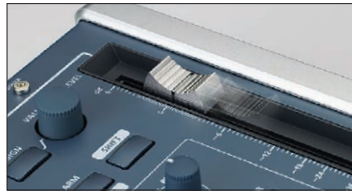


High Quality USB 2.0 Audio Interface

- 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, 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 / 2 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



V-STUDIO 100 Hardware



Front Panel



Rear Panel

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

VS Production Pack

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



VX-64 Vocal Strip



Studio Instruments



Boost 11



Native Instruments Guitar Rig LE



Channel Tools



Rapture LE



Dimension LE

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

SONAR VS

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



Console View

Track View

For more info visit www.v-studio.info

V-STUDIO 20

Record Your Guitar & Vocals with Incredible Tones



for Microsoft® Windows® 7/
Windows Vista®/Windows® XP

USB

AUDIO
2 in/2 out

AUDIO
16-bit/44.1 kHz

COSM

ASIO

VST



It's your music. Take Control.



5 easy steps to recording guitar and vocals



1 Connect a guitar or mic to the V-STUDIO 20 Hardware



2 Dial up the perfect guitar or vocal tone using genuine BOSS effects



3 Choose your backing tracks, hit record, and then play your parts



4 Use the V-STUDIO 20 Hardware as a control surface for mixing and playback



5 Master your song and then burn a CD or make an MP3

Guitarists have only dreamed about it until now — BOSS guitar effects and Roland's breakthrough COSM modeling built right into powerful hardware and recording software. That's the V-STUDIO 20. The V-STUDIO 20 matches the simplicity of a portable, hardware recording system with the power, flexibility, and control of modern computer-based recording. Whether you're at home or on the road, you can easily connect a guitar or mic to the V-STUDIO 20 Hardware and dial up genuine BOSS sounds. Once you're ready, record directly to your computer for further editing and mixing using Cakewalk Guitar Tracks recording software. Don't settle for imitations — Roland, Cakewalk, and BOSS are names you can trust to deliver the best recording solutions for today's musicians.

For more info visit www.v-studio.info



Simple to use

When you are ready to start recording, the VS-20 makes it easy to set-up



Hi-Z Guitar/Bass Input



Computer

V-STUDIO 20 Hardware

Connects to a computer with one USB cable



Capture ideas quickly with built-in mics



Fits comfortably next to your laptop or Netbook



Add BOSS Footswitches or Expression Pedals (available separately) for hands-free transport and effect control

Amazing guitar tones powered by BOSS

Connect your guitar or phantom powered microphone

- Get high-quality recordings with a stereo audio interface
- Compact, portable, and USB bus powered — perfect for mobile recording
- Control your mix and playback with real faders, knobs, and buttons
- Incredible tones from zero latency, hardware COSM DSP effects with software control
- Easy to understand — hardware matches software with tight integration
- Includes connections for monitors, headphones, pedals, and footswitches

COSM Effects Editor

Choose from 12 COSM modeled amps

Browse and choose from 50 presets created by BOSS or create your own

Built-in Chromatic Tuner



4 virtual pedal modules with dedicated effect controls

PLUS:

Vocal mode with built-in harmony and pitch correction. Use standalone or in combination with guitar effects to create your own unique vocal sound



36 Genuine BOSS Effects

COMP/FX	AC Sim	Uni-V	Core	Analog
Compressor	Radio Voice	3-band EQ	Fuzz	Tempo
Limiter	MODULATION	OD/DS	Bass Drive	REVERB
Pedal Wah	Chorus	Booster	Vocal	Room
T. Wah	Flanger	Natural	DELAY	Hall
Pre EQ	Phaser	OD-1	Single	Includes 11 other Cakewalk software effects.
Slow Gear	Tremolo	Blues	Pan	
Single → Hum	Pan	Distortion	Stereo	
Hum → Single	Rotary	Metal	Modulate	

Cakewalk Guitar Tracks Software

Integrated videos guide you through the recording process from selecting an input to exporting as MP3

Each track includes EQ and professional mixing effects

Polish your final mix with easy to use mastering effects



Hardware and software use identical controls to ease learning curve

Share your music; Burn CDs, export MP3s and share online

Once touch access to authentic BOSS guitar and vocal effects

PLUS:



Easy Editing and Arranging



Roland Sounds



Stunning Effects



Finalize and Burn

BONUS CONTENT: Jam to 1 GB of loops, songs and backing tracks.

SPECIFICATIONS

	V-STUDIO 700	V-STUDIO 100	V-STUDIO 20
Number of Input Channels	19	8	2
Number of Audio Record/Playback Channels	[Sampling Frequency = 44.1/48kHz] Record: 19 channels, Playback: 24 channels [Sampling Frequency = 88.2/96kHz] Record: 15 channels, Playback: 20 channels [Sampling Frequency = 192kHz] Record: 5 channels, Playback: 10 channels	Record: 10 channels Playback: 6 channels (Full duplex)	Record: 2 channels Playback: 2 channels (Full duplex)
Connectors	VS-700C Console AUX IN jack: 1/4 inch phone type PHONES jacks (PHONES1, 2): Stereo 1/4 inch phone type FOOT SW jacks (FOOT SW 1, 2): 1/4 inch phone type USB connector: USB Type B AC Input connector VS-700R I/O INPUT jacks (1–8): XLR type, 1/4 inch TRS phone type MAIN OUT jacks (L/R): XLR type SUB OUT jacks (L/R): 1/4 inch TRS phone type OUTPUT jacks (1–10): 1/4 inch TRS phone type WORD CLOCK connector (IN, OUT): BNC type DIGITAL 1 jacks (AES/EBU IN, OUT): XLR type (COAXIAL IN, OUT): RCA phono type DIGITAL 2 jacks (ADAT IN, OUT): Optical type MIDI connectors (IN, OUT): 5-pin DIN type USB connector: USB type B AC Input connector * XLR type: 1 GND, 2 HOT, 3: COLD	Mic Input Jacks 1–2: XLR type (balanced/phantom power +48 V) 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	GIUITAR/BASS: 1/4 inch phone type MIC 2: XLR type (balanced/phantom power +48 V) LINE: 1/4 inch phone type OUTPUT: RCA pin type PHONES: Stereo 1/4 inch phone type REC, PLAY (FOOT SW): TRS 1/4 inch phone type EXP PEDAL: TRS 1/4 inch phone type USB: B type
MIDI I/O	Yes	Yes	No
AD/DA Conversion	[Sampling Frequency] 44.1/48/88.2/96/192kHz [Signal Processing] PC interface: 24 bits, AD/DA Conversion: 24 bits, Internal: 40 bits	[Sample Rate]: 44.1/48.0/96.0 kHz [Signal Processing]: 24 bits	[Sample Rate]: 44.1 kHz [Signal Processing]: maximum 24 bits (depending on software)
DSP processing	8 compressors, one for each mic pre-amp	Compressor: Input Jacks 1–6 Equalizer: Input Jacks 1–6 Reverb: Input Jacks 1–6 (Echo/Room/Small Hall/Large Hall) Internal: 40 bits	Effect Type: PREAMP/VOCAL, COMP/FX (COMPRESSOR, PEDALWAH, total 10 types), OD/DS, MODULATION(CHORUS, FLANGER, total 8 types), DELAY, REVERB
Faders	100mm Touch sensitive motorized faders x 9	100mm Touch sensitive motorized faders x 1	30mm Faders x 8
WAVE Recorder	No	Yes	No
Built-in Microphone	No	No	Yes (Stereo Condenser Microphone)
ACT Control	Yes	Yes	No
Built-in Sound Generator	[Fantom VS] Parts: 16 parts Maximum Polyphony: 128 voices Wave Memory: 128 M bytes (16-bit linear equivalent) Preset: Patches 1,152 + 256 (GM2) Rhythm Sets 19 + 9 (GM2) ARX Series Expansion: 1 slot	No	No
Expansion Slot	for ARX Expansion Board x 1	No	No
V-LINK	Yes	Yes	No
Phantom Power	DC +48 V (unloaded maximum), 10 mA (maximum load) (All XLR type inputs) * Should be less than 50 mA in total	+48 V/5 mA (each input)	+48 V/10 mA
Power Supply	AC 117 V, AC 230 V, AC 240 V (50/60 Hz)	DC 9 V (AC adaptor)	USB Bus Power
Power Consumption / Current Draw	[VS-700C Console] 0.31 A, 31 W (AC 117 V) 0.21 A, 31 W (AC 230 V / AC 240 V) [VS-700R I/O] 0.51 A, 33 W (117 V) 0.35 A, 39 W (AC 230 V / AC 240 V)	1A	320mA
Dimensions	[VS-700C Console] 730.0(W) x 430.9(D) x 126.5(H)mm / 28-3/4 (W) x 17 (D) x 5 (H) inches [VS-700R I/O] 433.9 (W) x 348.4 (D) x 87.3 (H) mm / 17-1/8 (W) x 13-3/4 (D) x 3-7/16 (H) inches	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	299 (W) x 144 (D) x 53 (H) mm / 11-13/16 (W) x 5-11/16 (D) x 2-1/8 (H) inches
Weight	[VS-700C Console] 10.2 kg / 22 lbs 8 oz [VS-700R I/O] 5.3 kg / 11 lbs 11 oz	1.9 kg/4 lbs 4 oz	760 g, 1 lb 11 oz (V-STUDIO 20 Hardware)
Options	Pedal Switch Roland DP-2 Add an additional VS-700R	Foot Switch: BOSS FS-5U Dual Foot Switch: BOSS FS-6	Foot Switch: BOSS FS-5U, Dual Foot Switch: BOSS FS-6, Expression Pedal: Roland EV-5 BOSS FV-500L, FV-500H
DAW	SONAR 8.5 PRODUCER	SONAR VS	Guitar Tracks 4
Number of Audio Track	∞	maximum 64	maximum 32 (Stereo)
Plug-Ins	[Effects] 60 [Instruments] 16	[Effects] 20 [Instruments] 10	[Effects] 11 [Instrument] 1

Cakewalk is a registered trademark and SONAR, V-STUDIO 700, Active Controller Technology, Dimension Pro, Rapture and the Cakewalk logo are trademarks of Cakewalk, Inc. Roland, BOSS, COSM, EDIROL, SuperNATURAL, VariPhrase, V-LINK and V-Vocal are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries. Mac and Mac OS are trademarks of Apple Inc. ASIO and VST are trademarks of Steinberg Media Technologies AG. ReWire is a trademark of Propellerhead Software, AB. iZotope Radius copyright © 2005-2010 iZotope, Inc. Other trademarks mentioned are held by their respective owners. All specifications and appearances are subject to change without notice.

