Specifications

Sound Generator	VariPhrase
Parts	1 to 6
Maximum Polyphony	14 voices
Internal Memory	
Performance:	1
Samples:	128
Wave memory (RAM):	46 MB
Backup memory (FLASH):	32 MB
External Storage Device	PC CARD slot (Microdrive, SmartMedia or CompactFlash can be used with PC card adaptor.)
Sampling Frequency	44.1 kHz (Internal)
Data Format	16-bit linear
Signal Processing	
AD Conversion:	24 bits
DA Conversion:	24 bits
Internal processing:	
Sound generating section:	32 bits (floating point)
Effects section:	24 bits (fixed point)
Nominal Input Level	
INPUT (LINE):	-18 dBu
INPUT (MIC):	-43 dBu
Nominal Output Level	
MAIN OUT:	+4 dBu
DIRECT OUT:	+4 dBu
Effects	

	Reverb: 9 sets
	Chorus: 1 set (8 types)
	Multi: 40 sets
Display	16 characters, 2 lines (backlit LCD)
Connectors	USB Connector, Headphones Jack, Main Output Jacks (L/MONO, R), Direct Output Jacks (L, R), Input Jacks (L, R), MIDI Connectors (IN, OUT), Digital Audio Output: S/P DIF Connectors (COAXIAL, OPTICAL), AC Inlet
Power Supply	AC 117 V, AC 230 V, AC 240 V
Power Consumption	10 W (AC 117 V), 12 W (AC 230 V, AC 240 V)
Dimensions	430 (W) x 222 (D) x 44 (H) mm, 16-15/16 (W) x 8-3/4 (D) x 1-3/4 (H)inches EIA-1U Rack Mount Type
Weight	2.2 kg, 4 lbs 14 oz
Accessories	Owner's Manual, CD-ROM (V-Producer, Driver), Power Cord, USB Cable, Rackmount adaptor (two pcs.) (0 dBu = 0.775 V rms)

* In the interest of product improvement, the specifications, appearance of this unit and/or contents of this package are subject to change without prior notice.

System requirements for Windows

- **Operating system:** Microsoft® Windows® XP Home/XP Professional/2000 Professional/Me
  *Windows® XP/2000 recommended
- **Computer:** Windows®-compatible personal computer equipped with a USB port
- **CPU/Clock:** Pentium®, Celeron™, Intel-compatible Processor / 500 MHz or higher
- **Memory (RAM):** 128 MB or more
- **Display resolution / colors:** 800 x 600 pixels or higher / 65,535 colors or more (High Color 16 bit)

System requirements for Macintosh

- **Operating system:** Mac OS 9.0.4 or later (Currently, this product is not compatible with Mac OS X.)
- **Computer:** Apple Macintosh computer equipped with a USB port
- **CPU/Clock:** PowerPC G3/233 MHz or higher

- **Memory (RAM):** 192 MB or more (256 MB or more is recommended)
- **Display resolution / colors:** 800 x 600 pixels or higher / 32,000 colors or more

* Although Roland has tested numerous configurations, and has determined that on average, a computer system similar to that described above will permit normal operation of V-Producer software, Roland cannot guarantee that a given computer can be used satisfactorily with V-Producer based solely on the fact that it meets the above requirements. This is because there are too many other variables that may influence the processing environment, including differences in motherboard design and the particular combination of other devices involved.
* If you are using this system together with other software, the system requirements may exceed those listed above.

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