⌇Roland®

VS-Series Digital Studio Workstation Compatible Media Guide

Current Operating Systems 9/1/01
VS-840	1.02
VS-840EX	2.05
VS-840GX	2.52
VS-880	3.204
VS-880EX	2.013
VSR-880	1.031
VS-890	1.013
VS-1680	2.023
VS-1880	1.014
VS-2480	1.231

If a drive is not listed in this guide, it does not necessarily mean that it is not compatible. To make suggestions for future compatibility testing, please contact Roland at (323) 890-3741.

Most SCSI hard drives that adhere to "AV" specifications will work with the VS-Series Workstations. Keep in mind, drives that do not meet AV specs, though not recommended for recording and playback, are often still reliable for data storage. In the following charts, we've made a distinction as to the reliability of each drive for both storage and recording/playback.

Warning! Use only SCSI devices when connecting external peripherals to your VS-Workstation. Never connect a Parallel Port disk drive or other type of device to a VS-Series Workstation. They are not compatible and could damage one or both devices.

Suggested specifications for recordable hard drives:

- •13ms Access Time
- •Active Termination
- •Slip Sectoring
- •No or Intelligent Recalibration
- •1:1 Interleave
- •Macintosh Compatible

Maximum tested formattable drive capacity*
VS-880, VS-880EX:	4GB
VSR-880, VS-890:	10GB
VS-1680, VS-1880:	15GB
VS-2480:	76.8GB

* Larger drives can certainly be compatible, but they can only be formatted to the amounts listed above.

Removable Media Drives

Manufacturer	Model	Capacity	Storage	Record/Playback
Castlewood	Orb	2.2 GB	Yes	Yes
IoMega	Zip 100	100MB	Yes	Yes **
IoMega	Zip 250	250MB	Yes	Yes **
Syquest	135	135 MB	Yes	Yes **
Syquest	230	230 MB	Yes	Yes **
Syquest	SyJet ***	1.5 GB	Yes	Yes **

** The amount of available recording/playback tracks could be limited depending on your song's sample rate, recording mode, and because of some removable media drives' limitations.
*** Should be physically formatted before use.

Note: The Castlewood Orb drive requires the use of an Active Terminator to work properly. You can get this part directly from Castlewood, or from a local computer store.

Magneto Optical Drives*

Manufacturer	Model	Capacity	Storage	Record/Playback
Olympus	2.6GB MO	2.3 GB	Yes	No
Sony	Vertex 2.6GB	2.3 GB	Yes	No
Fujitsu**	640/230	540/230 MB	Yes	Yes

* VS-880, VS-880EX, VSR-880, VS-890, VS-1680, VS-1880 only. Can format 512KB sector optical media only.

** Record/Playback could depend on the disc's available blank space.

Note: These drives can only be used for storage on the VS-1680 and VS-1880.

External (SCSI) Hard Drives*

Manufacturer	Model	Capacity	Storage	Record/Playback
Quantum	Atlas XP34300W	4.3 GB	Yes	Yes
Quantum	Atlas XP34550W	4.3 GB	Yes	Yes
Seagate	ST39140N	9.1 GB	Yes	Yes
Seagate	ST39173N	9.1GB	Yes	Yes

* VS-880, VS-880EX, VSR-880, VS-890, VS-1680, VS-1880 only.

Internal (IDE) Hard Drives

* All drives below are 2 1/2" IDE drives for use with the VS-880,VS-880EX,VSR-880,VS-890,VS-1680, and VS-1880.

Those in bold marked with the ' * ' are 3 1/2" IDE drives for the VS-2480 ONLY.

Manufacturer	Model	Capacity
IBM	DTLA-305030 *	30 GB
IBM	IC35L040A VER07-0 Deskstar *	41 GB
IBM	IC35L060A VER07-0 Deskstar *	61.5 GB
IBM	DTLA-307075 Deskstar *	76.80 GB
IBM	DSOA-21080 Travelstar 2LP, DMCA-21080	1GB
IBM	DMCA-21440	1.44GB
IBM	DTNA-22160	2.1GB
IBM	DARA-212000	12.07GB
IBM	DJSA-210	10.06 GB
Hitachi	DK212A-10	1GB
Hitachi	DK 223A-11	1.1GB
Hitachi	DK 213A-13	1.3GB
Hitachi	DK224A-14, DK225A-14	1.4GB
Hitachi	DK225A-21, DK226A-21	2.1GB
Hitachi	DK238A-32	3.2GB
Hitachi	DK227A-41	4.0GB
Hitachi	DK228A-65	6.4GB
Hitachi	DK23AA-90	9.0GB
Hitachi	DK23CA-10	10GB
Hitachi	DK23AA-12	12.0GB
Hitachi	DK23CA-15	15.10GB
Toshiba	HDD2731 or MK-1002 MAV	1GB
Toshiba	HDD2716 or MK-2103 MAV	2GB
Toshiba	HDD2619 or MK-3003 MAV	3GB
Toshiba	MK4309MAT	4.3GB
Toshiba	MK6015MAP	6GB
Toshiba	MK6409MAV	6.4GB
Toshiba	MK1016GAP	10GB

Note: If the drive you purchase does not come with the correct mounting hardware, you will need to order a mounting kit (HDP35-K20 for the VS-2480 and HDP25-K100 for all other VS units) from the Roland Corporation U.S. Parts Department at (323) 890-3700 ext. 2289.

Contact Sources

Rackmount SCSI Drives:

		Internal IDE/Desktop SCSI Drives:	
SoundLogic	(760) 789-6558	APS	(800) 354-1213
Glyph Technologies	(800) 335-0345	Epoch Sales	(800) 736-3762 ext. 313
Rorke Data	(800) 328-8147	Think Computer Products	(800) 726-2477 ext. 128