



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*

| <u>Manufacturer</u> | <u>Model</u> | <u>Capacity</u> | <u>Storage</u> | <u>Record/Playback</u> |
|---------------------|--------------|-----------------|----------------|------------------------|
| 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*

| <u>Manufacturer</u> | <u>Model</u> | <u>Capacity</u> | <u>Storage</u> | <u>Record/Playback</u> |
|---------------------|----------------|-----------------|----------------|------------------------|
| 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.

| <u>Manufacturer</u> | <u>Model</u> | <u>Capacity</u> |
|---------------------|---------------------------------------|-----------------|
| 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:

| | |
|--------------------|----------------|
| SoundLogic | (760) 789-6558 |
| Glyph Technologies | (800) 335-0345 |
| Rorke Data | (800) 328-8147 |

Internal IDE/Desktop SCSI Drives:

| | |
|-------------------------|-------------------------|
| Epoch Sales | (800) 736-3762 ext. 313 |
| Think Computer Products | (800) 726-2477 ext. 128 |