

# Rose technical support

---

## USB cable revision history

### Revision UC22 4/10/2003

- **Fix Japanese keys**  
The Ro and the Yen keys were not being received on Windows computers. This has been fixed.

### Revision UC21 8/07/2002

- **Improve driving distance**  
Sometimes 35 foot or longer cables would give mouse errors. The mouse algorithm has been improved to give more margin.

### Revision UC20 5/06/2002

- **Resolves Macintosh boot problems**  
Allows booting from a bootable CD-ROM by preventing CD-ROM ejection during the boot process. Eliminates "hard disk not found" errors when booting G4 Macintosh machines. Allows the user to rebuild the desktop and reset the Parameter RAM using Macintosh keyboard commands.
- **Prevents keyboard failure at the Sun login screen**  
Fixes a bug which disabled the keyboard when the screen saver became active at the login screen.

### Revision UC19 02/08/2002

- **Allows normal keyboard operation during Sun boot process**  
The keyboard now operates normally at the OpenBoot prompt when the environment autoboot flag is set to false. Typing Stop-A after power up now halts the autoboot process at the OpenBoot prompt.
- **Provides variable keyboard country code for Sun computers**  
The character set used by Sun Solaris depends on the USB keyboard's country code. Now the adapter cable can get its country code from supporting Rose switches. Support for this feature is found in multiplatform UltraView Pro with program version UPP18A or greater and in multiplatform UltraMatrix with program version MXP21D or greater. Switches without support for this feature will use the U.S. country code. You must pick the proper country in the Sun keyboard language setting on the Configure System page of the OSD in order for this feature to work.

### Revision UC17 11/09/2001

- **Fixes Macintosh mouse problem**  
Corrects a problem with Macintosh mouse data which was introduced in version 16.

**Revision UC16, UC16J, UC16K 10/22/2001**

- **Add support for Sun special keys**  
Additions to the USB table allow the use of 14 Sun keys (e.g. Stop) when used with a supporting switch. This feature requires UltraView Pro with program version UPP18 or later, or UltraMatrix with program version MXP21B or later.
- **Correct repeating keystrokes on Sun computers**  
Corrects a bug which caused typed keys to be repeated intermittently during very rapid typing on a Sun computer.
- **Add support for Japanese and Korean special keys**  
USB table additions permit 6 Japanese and 2 Korean language keys to function correctly. If the KVM keyboard is Sun type 5 or 6, UltraView Pro with program UP18 or UltraMatrix with program MXP21B are required.
- **Corrects the F5 key assignment**  
Fix a bug which prevented the F5 key from functioning correctly.
- **Make Sun special versions for Sun Japan and Korea**  
Sun for USB table additions permit 6 Japanese and 2 Korean language keys to function correctly. If the KVM keyboard is Sun type 5 or 6, UltraView Pro with program UP18 or UltraMatrix with program MXP21B are required.