

Sonifex FM Radcap

Expansion Key Lock-Up

When using an Expansion Key to increase the number of stations on an FM Radcap with firmware revision 1, there is an internal race condition that can occasionally cause the card to lock up. Experimentation suggests that this occurs on approximately one in ten reboots and is entirely random. The problem only occurs on start-up when the driver writes the expansion key to the card, and once locked up, it can only be restored by rebooting the PC.

This issue has been fixed in firmware revision 2, but this work-around is provided for those with earlier cards. It installs a service which, on Windows start-up, checks to see if the card has firmware revision 1 and, if so, whether it has entered the locked-up state. If this has occurred, the PC is automatically rebooted. Note that, because of the random nature of the problem, it is possible that the PC may reboot several times before correct operation is achieved.

To apply the work-around, simply run the provided FMRadcapExpansionKeyMonitor.msi installer package.