

## Firewire and mLAN on the Motif XS FAQ

### Q. How does the Firewire IEEE1394 port on the XS work?

A. For the XS, we focused on easy, plug and play computer connectivity.

Out of the box it is designed for Peer to Peer (one keyboard to one computer) Firewire connections and simple set up with the bundled Cubase AI 4(Advanced Integration) software. By the way, all commercially versions of Cubase 4 can be easily AI enabled by installing the AI Cubase components.

After installing the driver and connecting MOTIF XS and computer with IEEE1394 cable, your MOTIF XS and computer will be automatically connected via audio (16 channels to the PC and 6 channels from the PC) and MIDI ( 3 ports of MIDI) by the connection manager. If you open the XS project template in Cubase AI or an AI enabled versions of Cubase 4, you will be ready to record.

However it is a standard Firewire audio/MIDI interface so the XS Firewire works with all major DAW software (Sonar, Logic, Performer, etc.) after manually setting up the audio and MIDI connections.

### Q What is different from mLAN?

A. Again the focus out of the box is on connecting one XS to one computer, not networking multiple devices. The out of the box experience is easy to setup and easy to use because the connectivity is predetermined by the connection manager. There is no complex setting necessary nor is it available.

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### Q. What is the relationship between Motif XS peer to peer Firewire connectivity and mLAN ?

A. The Motif XS's peer to peer Firewire connectivity is based on mLAN so our target is to offer users the choice to download optional software to expand their Motif XS to whatever mLAN capabilities are currently available on their computer's operating systems.

On the PC side, this mLAN capability is already robust, low latency networking capabilities accommodating flexible connectivity between multiple devices.

THIS IS EXACTLY THE SAME AS THE CURRENT OS X STATEMENT ON YAMAHASYNTH.COM

As for mLAN on the Mac OS X environment, we recognized that some of the current performance does not satisfy some specific use-cases. In order to assume more responsibility for the driver's performance and release timetables, we announced on January 12, 2007 that mLAN driver development for the 01X, i88x, mLAN16e and MY16 mLAN will now be handled by Yamaha's software engineering team and mLAN driver releases will be done by Yamaha independently of MAC OS X operating system releases. At this time, we are not able to give a definite timetable for release of a new mLAN driver for MAC OS X as we are currently conducting detailed technical investigations to determine the requirements of the new work we must do.

Our current target is for Yamaha to release its own mLAN driver update for OS X in the summer of 2007 with a major improvement. However this release will probably not include all the improvements we would like to achieve so it will be followed by a series of driver updates as Yamaha continues it's on going effort to provide the best possible end user experience for our customers.

**Our goal is if possible to eventually provide the same level of performance on both OS platforms.**

### Q. What is the compatibility with XP and OSX?

A. The drivers and software are compatible with XP, XP professional X64 edition and OSX 10.3.7. Of course, we plan on future updates for new operating systems (Leopard and Vista) as they become available.

**No other keyboard workstation currently on the market even has peer to peer multi channel Firewire connectivity, never mind the possibility to expand to more flexible connectivity with other products. The XS is significantly ahead of any other workstation on the market in it's computer integration and our plan is to do whatever is possible to expand those capabilities in the future.**