

RELEASE NOTES

MACKIE DIGITAL X BUS FIREWIRE CARD • AUGUST 4, 2005

Version 1.0

These release notes contain important comments explaining how to use the FireWire Card with your Digital X Bus Digital Production Console.

RELEASE NOTES FOR VERSION 1.0

1. The FireWire Card can be installed into the first slot of any bucket with no known assignment or routing issues. When installed into any other slot on the mixer, the FireWire Card should be used only in 8x8 Host Mode. Otherwise you may experience labeling and routing issues that could affect your workflow.
2. If you change the Digital X Bus Sample Clock source or change the Clock In Adjust setting when the Sample Clock source is set to Word Clock, you must remove and reinsert the FireWire cable, even though no "Reconnect" message appears directing you to do so.
3. The FireWire Card inputs and outputs are still visible when operating at 176.4 kHz and 192 kHz, even though use of the card at those sampling rates is not supported in Version 1.0.
4. When switching the console to either 176.4 or 192 kHz, you will notice the "Reconnect" dialog appear on the left screen. This is an irrelevant dialog because Version 1.0 of the FireWire Card does not support operation at these sampling rates. Simply select the "OK" button to close that dialog.
5. When the FireWire Host Mode changes (whether through opening a Session, or changing the Host Mode, changing the Sample Rate, etc.), the input assignment labels of the affected Channel Strips do not change. You have to force a screen refresh by changing Layers before the affected Channel Strips will display the correct labels.
6. When you adjust the sampling rate and/or clock source of the Digital X Bus with the FireWire Card installed, the FireWire Host Mode will return to the default "8x8" setting. Therefore, it is recommended that you make all sample clock/rate adjustments BEFORE changing your FireWire Host Mode. Of course, all these types of changes need to be done with the FireWire Card disconnected from your Mac or PC to give the card a chance to reset itself.

WINDOWS XP USERS ONLY:

1. The ASIO/WDM Control Panel does not allow the user to adjust the system buffer settings. This prevents users from setting their own buffer and trying to manage their latencies of an in-to-out signal pathway. For Version 1.0, we recommend that users needing low-latency monitoring create their monitoring sends from the input channels as opposed to the returns from FireWire. This will eliminate the latency of the round trip through FireWire.
2. Double-clicking on the "Digital X Bus 1394 Audio" device in the Windows XP Control Panel will not open the Control Panel. You need to either go to Start > Programs > Sanewave > Digital X Bus FireWire Control to open the Control Panel, or create a shortcut that points to that selection.



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