



Hilo - Firmware/Feature Revision April 3, 2012

Additions

- Output Mix Routing Page: Mono Mode. Any stereo input can now be set to Mono. For example, when bringing in a single channel on Line IN Left, pushing the Mono button under the meter will allow the same signal to also be routed to both the LEFT and RIGHT Outputs. The Mono button will also merge any LEFT / RIGHT pair to a single mono signal routed to both outputs. It is important to note that this selection is unique for every input/output combination.
- Overload Indicators. On the Output Mix Routing Page. Above each vertical meter we have added an Overload indicator. This aids in setting levels in the digital domain when routing the signals.
- "Show/Hide Recall Scene" button added to the Display menu. This button allows the end user to add a button to easily recall and switch between scenes from the VU and Horizontal meters pages. This same button also allows this added Scene Recall button on the Meters page to be hidden.
- "Power Up State" button in the Tools Menu. Useful for customers who power down an entire rack or studio with one switch. When this button shows "Standby", Hilo can only be turned on by touching the power switch on the front. When the button shows "On", Hilo can be turned on by the power switch on the back or by applying AC (with the power switch in the On position.)
- Headphone "Jack Sense" implemented. Hilo will now detect whether or not a cable is plugged into the Phones jack on the front of Hilo. When nothing is detected, the Rotary Control is only used for the Monitors output level – you do not need to press the knob to toggle between the levels for Headphone and Monitor outputs.
- Ability to play audio files directly from an iPad. Using Apple's iPad Camera Connection Kit and aps such as iTunes, Garage Band, Golden Ear and others, Hilo can directly play back iTunes files as well as higher resolution WAV and FLAC files.
- ADAT implementation Phase 1. Hilo can now play 8 channels ADAT audio via the Optical output. This offers 8 channels at 44.1/48 kHz, and implements S/MUX for 4 channels at 88.2/96 kHz or 2 channels at 176.4/192 kHz. ADAT inputs will be implemented in a future firmware release.

Improvements

- "Return to Meters" button on the Display page, formerly named "Menu Delay". "Return to Meters" better describes the function. The selectable time has been changed, to a minimum of 15 seconds (until the Meter screen comes back on) to 5 minutes. A "Never" option allows the user to only get back to meters by pushing the Display button in the lower left corner of the LCD.
- "About Hilo" in the Info page. Information about the LSlot card now shows the serial number.
- Level meters on Output Mix Routing Page now correctly show levels from -60dBFS to 0dBFS. Previously the meters showed levels down to -38.5dBFS.

This is a mandatory firmware update for all Hilo units with firmware revision 3.

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