DiGiCo
SD Series V726+ Appendix

Issue A - May 2015 - Software Version 726+

Contents

1.1 New Features

1.1.1 Overview ....

The DiGiCo SD Software upgrade to V720+ offers many additional features detailed in this appendix.
For details of the standard console operations please refer to the current Software Reference Manual and the Getting Started guide for the relevant console model.

1.1.2 Merge Input ....

The merge input function allows an additional signal to be mixed with a buss. Touch the top of the buss/output channel to open the setup panel.
Pressing the merge input button will open up the input routing panel for source selection. The level control adjusts the level of the selected signal that is added to the buss and an On/Off switch activates the merge function.

1.1.3 Ident Button ....

Pressing **and holding** the Ident button will route the oscillator signal into the output buss. The level and frequency of the oscillator is set in the master screen oscillator panel.

1.1.4 Channel Filters (SD5, SD7 & SD10) and Output EQ ....

Pressing the curve button on Pre-Insert bands of output EQ will switch the top or bottom two bands to be 24dB/Oct filters rather than parametric filters. The filter points are controlled by the EQ Freq control rather than the Filter controls. The measured filter point is the -6dB point.
The Expanded EQ panel now displays all Pre and Post insert EQ points and the Gain and Frequency controls can be adjusted by touch.

DiGiCo
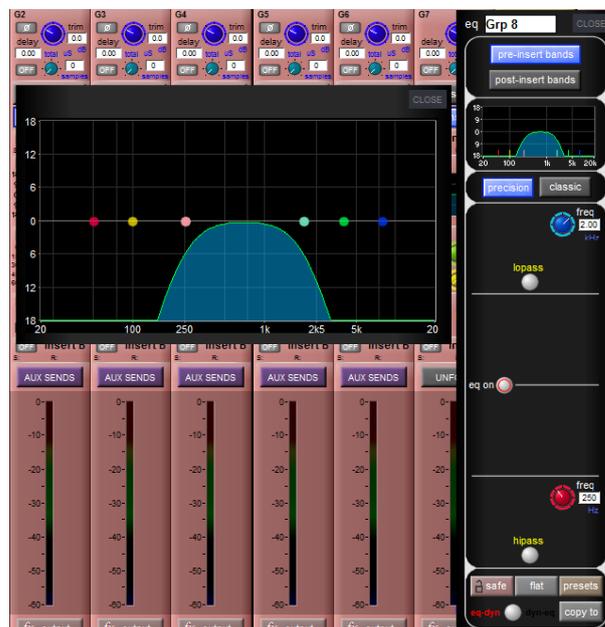
1.1.5 Gang Scope...

The Gangs tab in the master screen option menu allows the user to define which channel controls are part of the gang.
Selections can be made for each different channel type and for each of the control types within those channels.
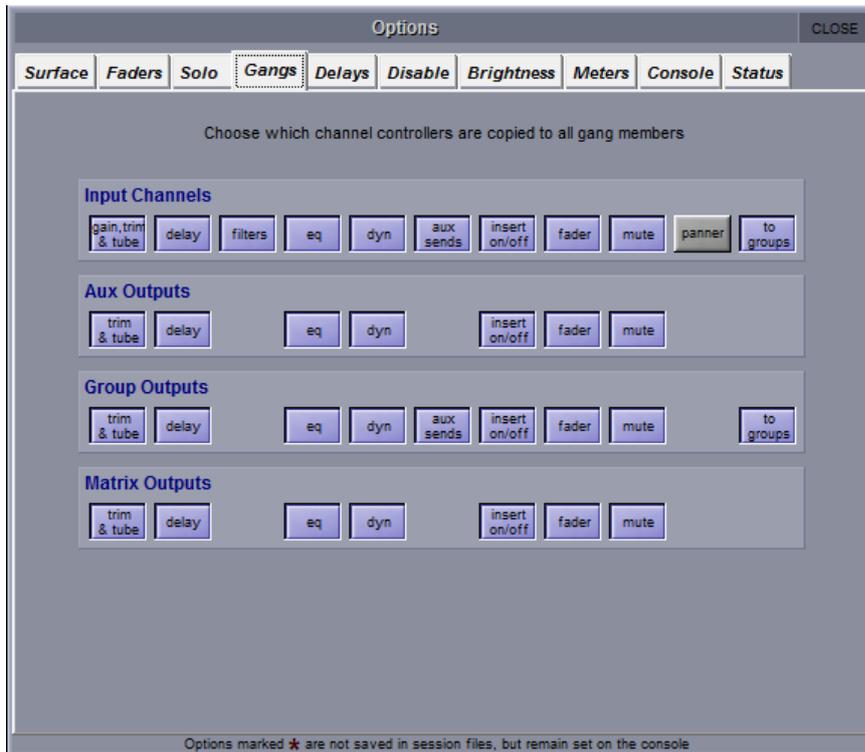
1.1.6 Fader Banks..

The include/exclude buttons, located above each displayed layer, determine whether the layer will be displayed when the console's worksurface layer button is pressed. The selection is console specific, not session specific. It is not saved in the session but rather in the individual console's own settings.
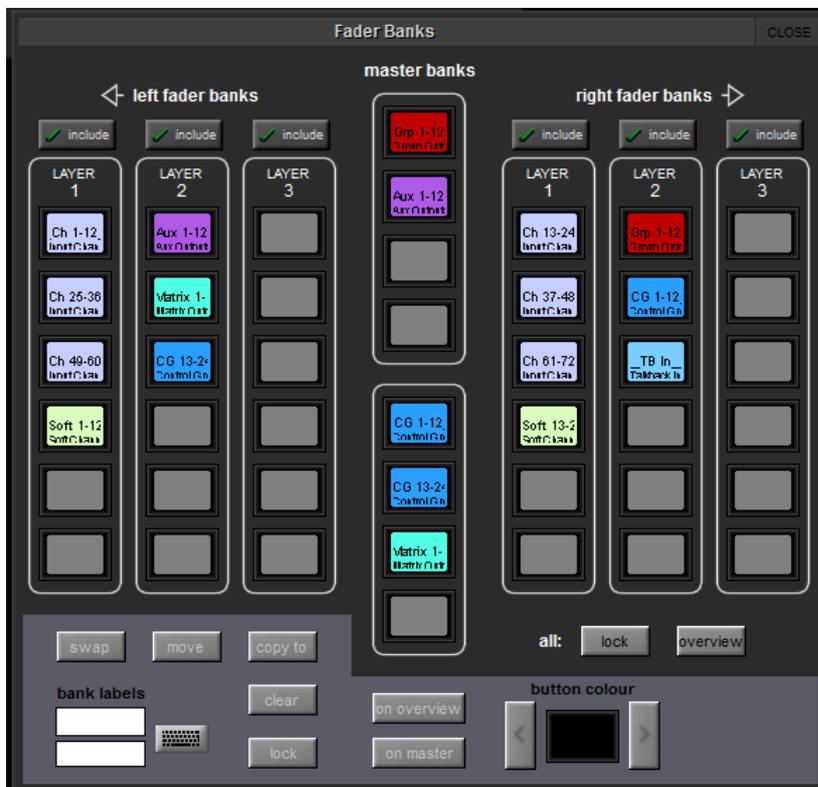
1.1.7 Aux Sends to Faders...

Selecting an aux send in the **Aux Sends to Faders** panel in the Master Screen/Layout menu activates the sends on faders function for a selected Aux buss.

The **Faders Only** button will assign the channel faders to the selected Aux buss sends

The **Activate Solo** button will assign the channel faders to the selected Aux buss sends and solo the aux master.

The **Clear** button will clear the current selection.

Pressing **bring to surface** will select the first bank in which the aux output appears.
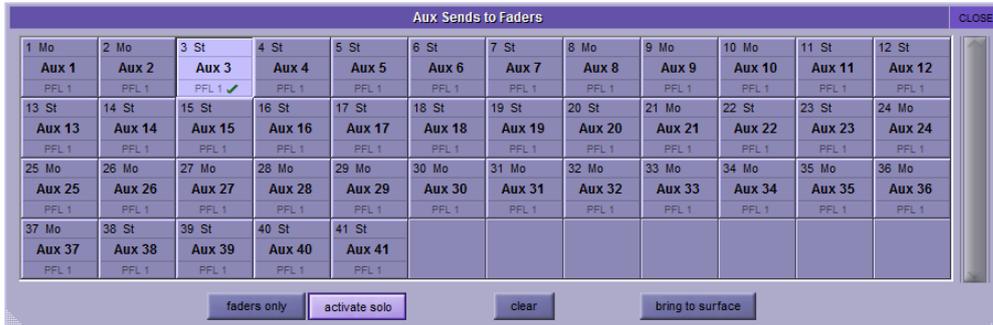
1.1.8 Recalling a Snapshot ....

A numeric keypad in the top left of the Snapshots/Cue panel allows Snaphots to be recalled when their number is entered.

Touch the keypad button located in the top left hand corner of the snapshot panel, type in the number of the snapshot you want to fire and press OK.
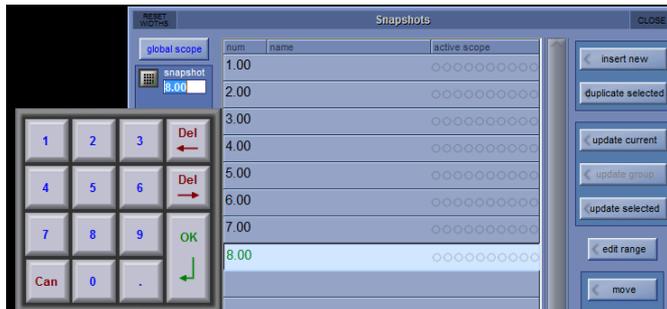
1.1.9 Moving a Snapshot...

If you wish the Snapshot list to appear in a specific order, you may change the order of the list by moving the entries.

1) Touch the **Move** button

2) **Select the range** of Snapshots that you wish to move by touching the first and last in the range or touching the same snapshot twice (to move a single snapshot).

3) The **Select Destination** button will now be highlighted automatically so now touch the point in the list where the snapshot(s) should be moved to.

4) Press the **Move** button to confirm the action.

NOTE: If you wish to change the range selection that you have previously made, please press the select range button again before proceeding. In standard operation when this panel is first opened, the 3rd press will automatically be entered as the destination selection.

1.1.10 Snapshot View Options panel..

Pressing the **view options** button in the bottom right of the Snapshots panel, opens a display that allows the formatting of the text, background and size of the snapshot list.

Touch to fire is now also activated from this panel.

1.1.11 Snapshot MIDI List ....

In the MIDI List, individual MIDI messages can now be re-ordered within a snapshot/cue using the **Move Up** and **Move Down** buttons and individually disabled by touching the relevant row in the **Dis** column

1.1.12 Solo Options ....

The **Solo Displays Insert and Output** option defines whether or not the display of any internal FX, Graphic EQ or Waves plugins inserted on or routed from a channel, is opened when that channel's solo button is pressed. The Graphic EQ and Waves panels can only be displayed on the Master screen. The insert option is active by default.

Line Check Listen defines which Solo Buss the Line Check listen audio is sent to.

1.1.13 Console Options Panel ....

Disable Waves Loopback prevents the audio engine looping back any audio routed to the Waves port if a Soundgrid device is not present.

1.1.14 Matrix Inputs ....

Once a rotary has been selected, a keypad entry option will appear next to the clear button allow input values to entered.

In a Matrix Input channel Setup panel a **Recall Safe** button is available at the bottom of the panel.
When active, this setting prevents the Matrix Input parameters from being recalled by Snapshots.

1.1.15 Audio IO...

The **Default Rack** button sets all rack parameters (Gain, +48V, Pad, AES SRC etc) to their default settings.
The **Line Check** button is accessible in the Cards and Sockets menu (see Line Check section)

1.1.16 Line Check ....

"**Line Check**" mode for input sockets has been added to the cards and sockets menu in Audio I/O.
When active, touching any input socket will allow gain/+48v/pad control and "Listen" function for that socket whether it is routed into a channel or not.
Gain is controlled via the touch turn control.
When **Listen** is pressed, any audio from the selected socket will be sent to Solo 1 or Solo 2 according to the option in the Solo Options panel
There is also a drop-down list of inputs using this socket.

NOTE: This function is not active on remotes with no audio engine i.e. Offline software or the EX007.
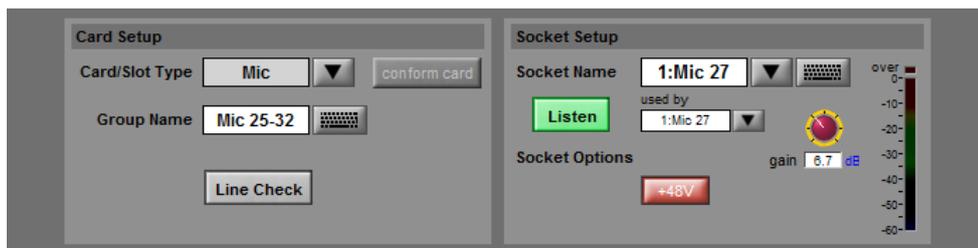
1.1.17 Copy Audio ....

To make adjustments to the copy audio setup, Press the Edit button located in the bottom left corner of the panel.
The Waves port is also now accessible in the Copy Audio Panel.
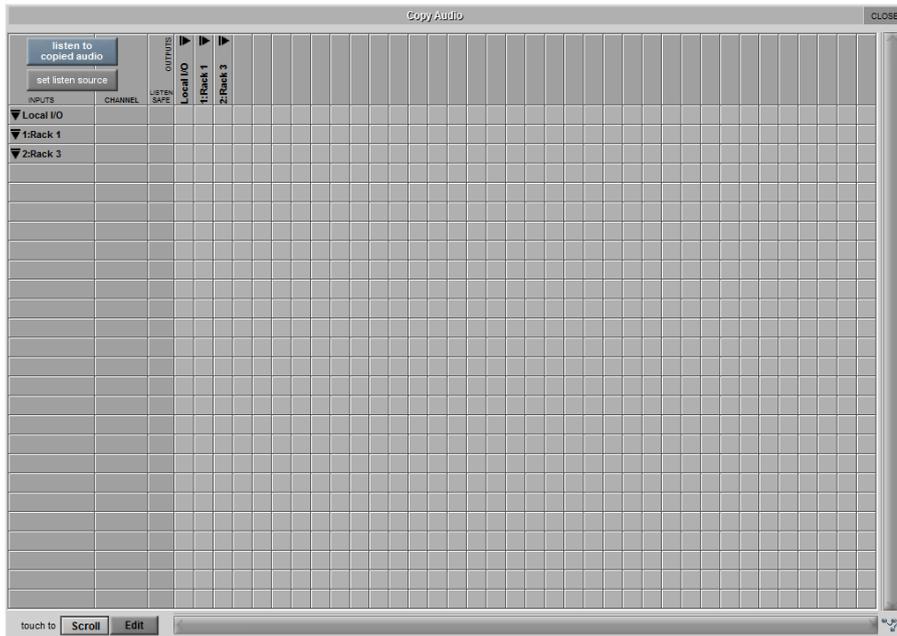
1.1.18 Audio Sync...

A backup clock source can also be defined using the edit function. The backup source can be manually selected using the buttons at the top of the panel or it will automatically used in the event of the primary source disappearing.
When the clock source is switched to **Backup**, the clock source indicator in the console info bar is highlighted in yellow.

DiGiCo
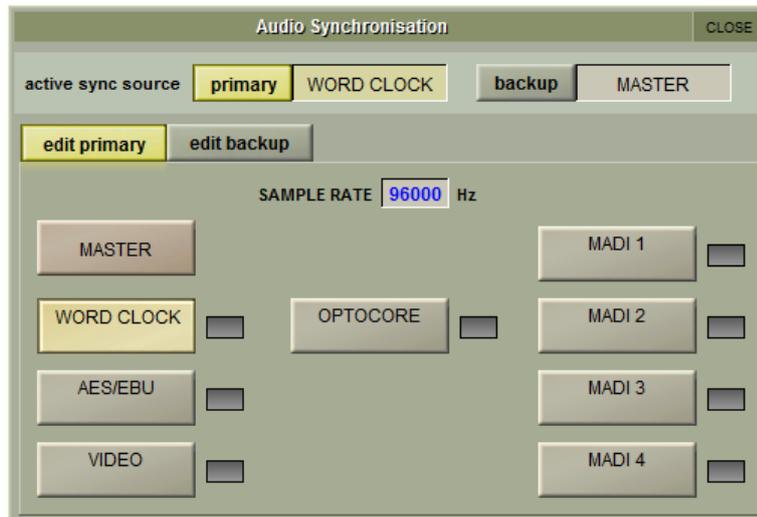
1.1.19 The Macro Editor ....

Macros can now be programmed to act on the **last selected** Input Channel or Buss.

Setup the Macro in the normal way but replace the number in the "**from**" channel number range column with an asterisk (*).

This asterisk value can be entered using the **Touch Turn** control in the value box or by pressing the **value minus** button to its minimum value (one value lower than 1)
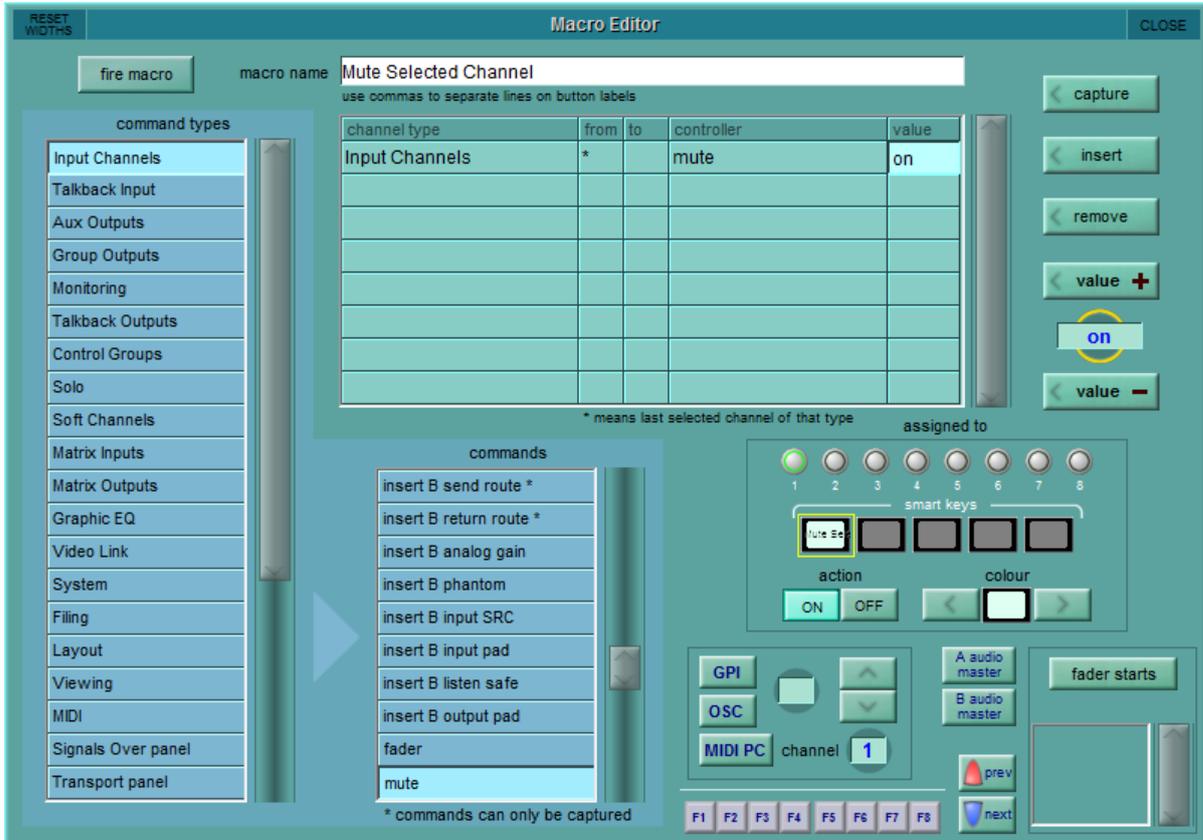
Macros can be triggered by incoming MIDI program change messages

MIDI assignments are selected by touching the **MIDI PC button**, then the MIDI channel number using the touch turn control or keypad and then entering the controller value.

NOTE: Macro Fader start trigger options now include Multi Channels and Control Groups.

1.1.20 Meter Options ....

New operating level buttons have been added to the Meters options. This allows the system to compensate for changes in operating levels when viewing PPM meters so that all PPM meters are referenced to 0dBu. The default operating level for SD Series consoles and racks is set to +22dBu.
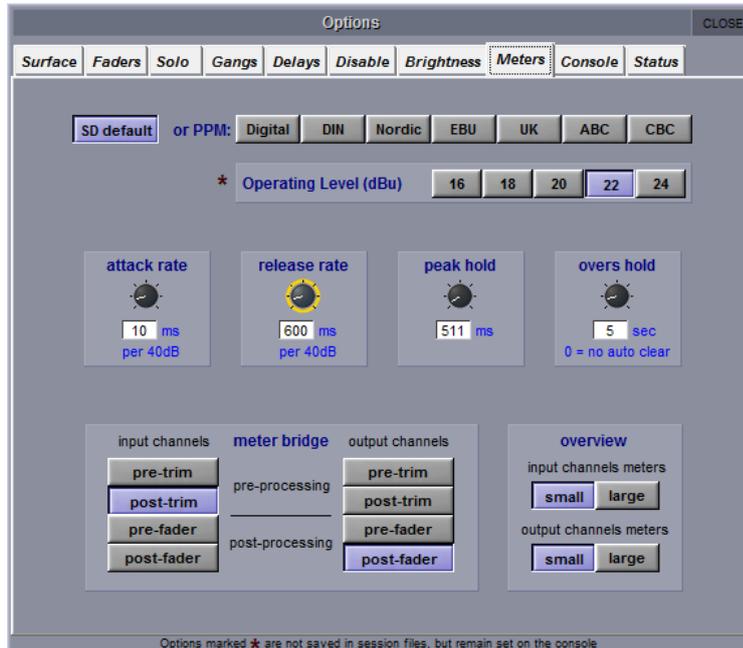
1.1.21 Adjust "All Channels" ....

Channels in a bank can be excluded from an "all" change by pressing their select button while holding option/all. In this mode the LCD displays will show either **Include** or **Exclude**

1.1.22 Optocore Remap...

The **"Optocore ID" label** in the console status bar will now highlight when the Optocore map needs updating.

1.2 Broadcast Specific Features

1.2.1 Disable Options Panel...

The master group can now be unassigned from the master fader position (SD5, SD7, SD10).

DiGiCo
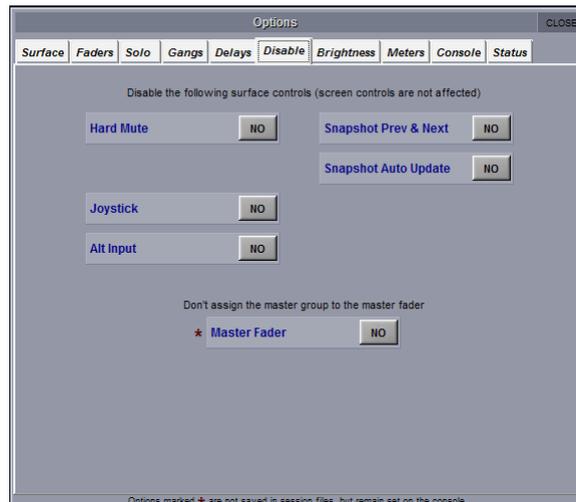
1.2.2 Solo Upmix/Downmix...

The solo buss now has its own independent upmix/downmix matrix.

The default solo buss up mix settings have been changed so that no upmix is applied.

In the Master screen / Solos panel press the button **up/down mix** button and a new panel will open.

This displays the up/down mix rules that apply to each **source type** - select the relevant source type using the buttons at the top of the panel.

Then select a source signal eg. L or R - the default routing and level for that source signal is now displayed.

Routing on/off can be directly adjusted by pressing the buttons in this panel and levels can be adjusted by pressing the **adjust levels** button which then displays a Trim control for the selected setting. This can then be adjusted using the console worksurface **Touch Turn** control.

Other buttons provide preset management, a reset to **default** for the selected source signal and a **default all** function to reset all of the source signals within that source type.

NOTE: Upmix/downmix matrix trims now operate in 0.5dB steps.

The PFL buss (Solo 2) can now be set as stereo.

1.2.3 Monitoring...

An additional pre insert output routing option has been added to the monitoring / speaker setup panel.
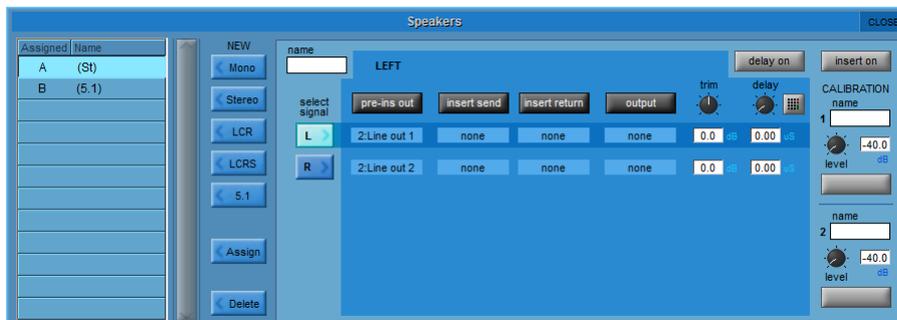
1.2.4 Backstop & Fader PFL ....

Backstop PFL and Fader PFL can now be enabled on Multis.