StemmiX V2

8CH STEREO STEM MIXER
FOR
SONIC-CORE® SCOPE® PLATFORM

Concepts

The StemmiX mixer was design to provide a versatile stem mixer for the SCOPE environment. Most common functions likely to be needed when stem mixing are included:

- **Channels**

    - Left and Right channel phase reversals;

    - Left and Right channel delays;

    - HP/LP filtering;

    - 4 stage parametric EQ;

    - Mid/Side adjustment and FX inserts;

    - Channel compression;

    - Internal Auxiliary sends (2 x Stereo, 1 x Mono and Mid and Side Sends)

    - 3 x FX inserts per channel;

    - Left and Right Fader linking.

- **Auxiliaries**

    - 2 x Auxiliary inserts per Aux channel;

    - Aux output (to mix) switching (St, ST rev, L + R, Mono + MS Direct to Mix, or Encoded to Mix).

- **Master Section**

    - Switchable between Master playback and a Stereo 'Reference' Source;

    - Stereo or Mono Out;

    - 4 x Stereo Inserts;

    - 4 stage parametric EQ;

    - Mono Bass, Bass compression and Stereo Width adjustment.

The mixer is equipped with Midi CC tracking to support channel view changes, allowing quick access to all associated channel controls when a fader is moved. Channel view control can be switched to 'manual' if preferred. IN manual select mode channel views can

be selected by clicking on the 'Select' button for the desired channel, or by clicking on the body of the fader for the required channel.

An experimental 4 channel VCA control system has been included. The system has a divider to set sensitivity and the Channel faders can operate in log or linear modes.

Channel Midi Control

By Default Channel and Aux Faders are set as follows:

Channel	Left Midi CC #	Right Midi CC #
1	40	41
2	42	43
3	44	45
4	46	47
5	48	49
6	50	51
7	52	53
8	54	55

You may of course set faders to your preferred Midi CC numbers at any time.

To do this:

➢ Set the Fader Midi CC in the normal way;
➢ Once added, press the 'Set' button and the relevant Channel should display and the Fader indicate the correct CC number in its display field.

Fader Midi Assign

Fader Midi CC Set Button   Fader Midi CC display

Note: Whilst the Midi CC tracking system is reasonably reliable, on occasions SCOPE
forgets the midi cc number for some faders. This normally occurs when opening a
project.

Fixing this may require:

➢ Selecting another fader and then return to the original one; or, if that does not
work
➢ Deleting the CC number for the fader and resetting it as described above.

Other mixer controls should be able to be assigned to spare Midi CC numbers without
interfering with the tracking system.