



One VU 16 Channel Mixer

FOR SONIC-CORE® SCOPE® - XITE®

Concept

One Vu has been designed to provide a single view of the current active stereo channel and all the mixer's controls.

The design aims included:

- Building a mixer that tracks fader movements to allow fast automatic switching between channel views;
- A small as possible screen footprint, requiring minimal switching to expose features and controls.

Whilst fader tracking to expose channel controls is desirable most of the time, there are occasions when you might wish to view one channel's controls whilst adjusting one (or more) other channel fader(s). This can be achieved by switching to the 'Manual' Ch Control mode.

Tracking control is achieved by switching channels in one of two modes:

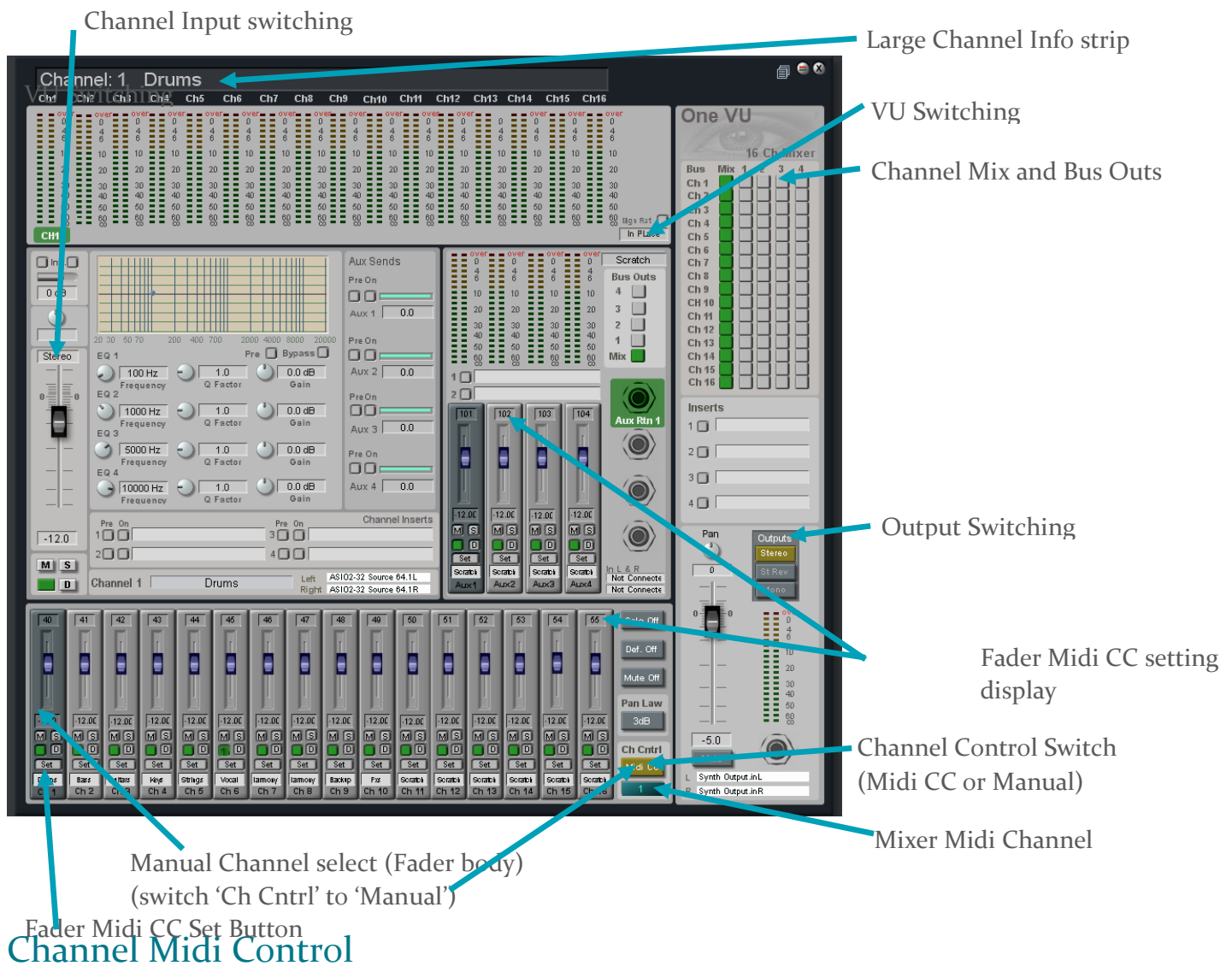
- Midi CC control associated with faders; or
- Manual selection by changing to the manual mode and clicking on the body of a fader.

This switching concept covers the 16 channels and the 4 Aux Return Faders

FEATURES

The mixer has a basic configuration, including:

- 16 Stereo channels:
 - Switchable to St, St Rev, Mono, Mono L and Mono R);
 - Mute, Solo, Solo Defeat;
 - 4 stage Parametric EQ's;
 - 4 x Inserts (Pre/Post Fader);
 - 4 x Aux sends Pre/Post Fader);
 - Mix out or 4 x Stereo Bus sends (e.g. for Stems);
- 4 x Stereo Auxiliary Sends Returns;
 - Mute, Solo, Solo Defeat;
 - 2 x inserts;
 - Mix out or 4x stereo Buss alternate sends; and a
- Stereo Master Output section;
 - Stereo, Stereo Reverse or Mono out;
 - 4 x Inserts.
- Channel VU's may be switched to various stages of channels;
 - In place;
 - Post Fader;
 - Pre Fader; and
 - Post Input Gain.



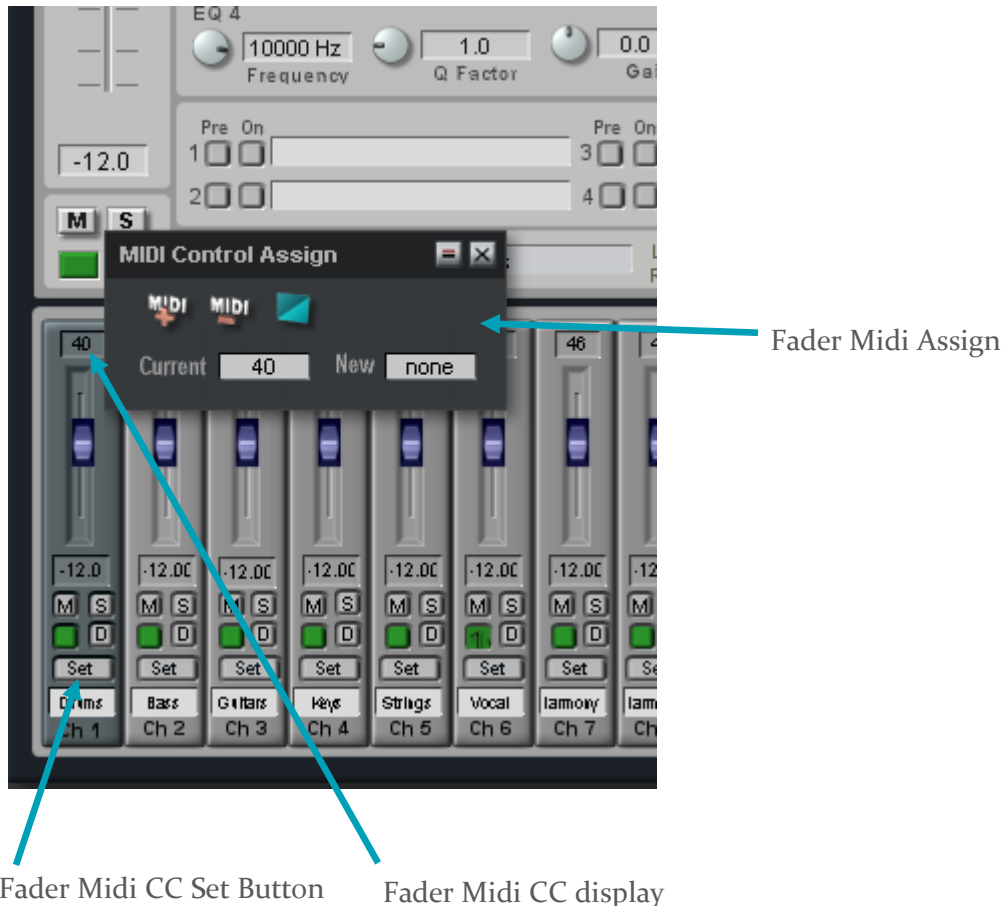
By Default Channel and Aux Faders are set as follows:

Ch	Midi CC #	Ch	Midi CC #
1	40	11	50
2	41	12	51
3	42	13	52
4	42	14	53
5	44	15	54
6	45	16	55
7	46	Aux 1	101
8	47	Aux 2	102
9	48	Aux 3	103
10	495	Aux 4	104

You may of course set faders to your preferred Midi CC numbers at ant 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 it's display field.



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.