



Dual A/B 1.0
User Manual

DUAL A/B Switcher

Thank you for purchasing this MH Eurorack Dual A/B module.

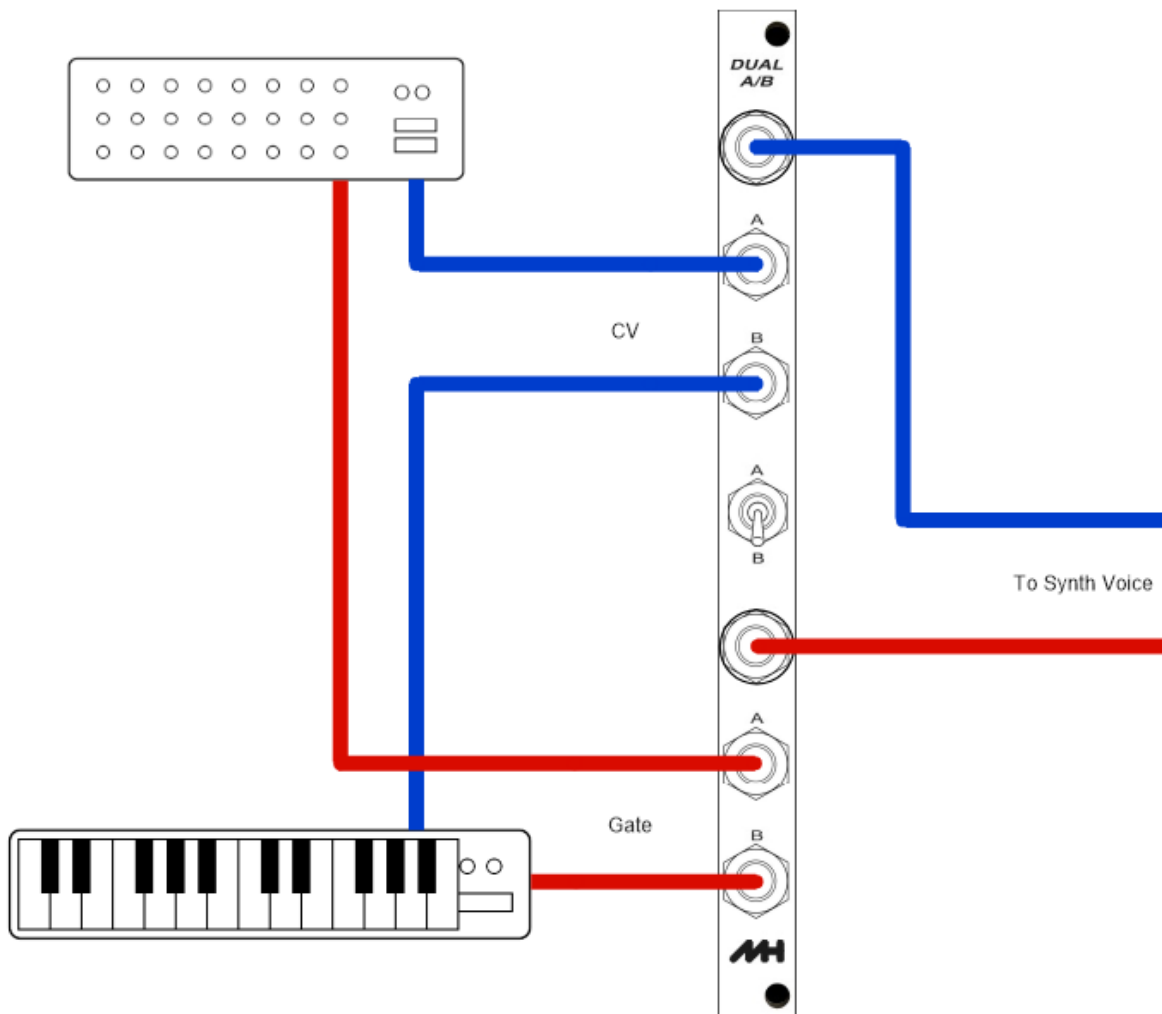
Basic Structure

Dual A/B comprises two identical A/B switched controlled from a single switch with a centre mute. The highlighted jack is the common in each circuit and is connected to either the 'A' Jack, 'B' Jack or, if the switch is in the centre position, is completely disconnected.

Patch Examples

The following pages show a few examples of how the Dual A/B can be used. It's not an exhaustive list as there will be many other applications for this module!

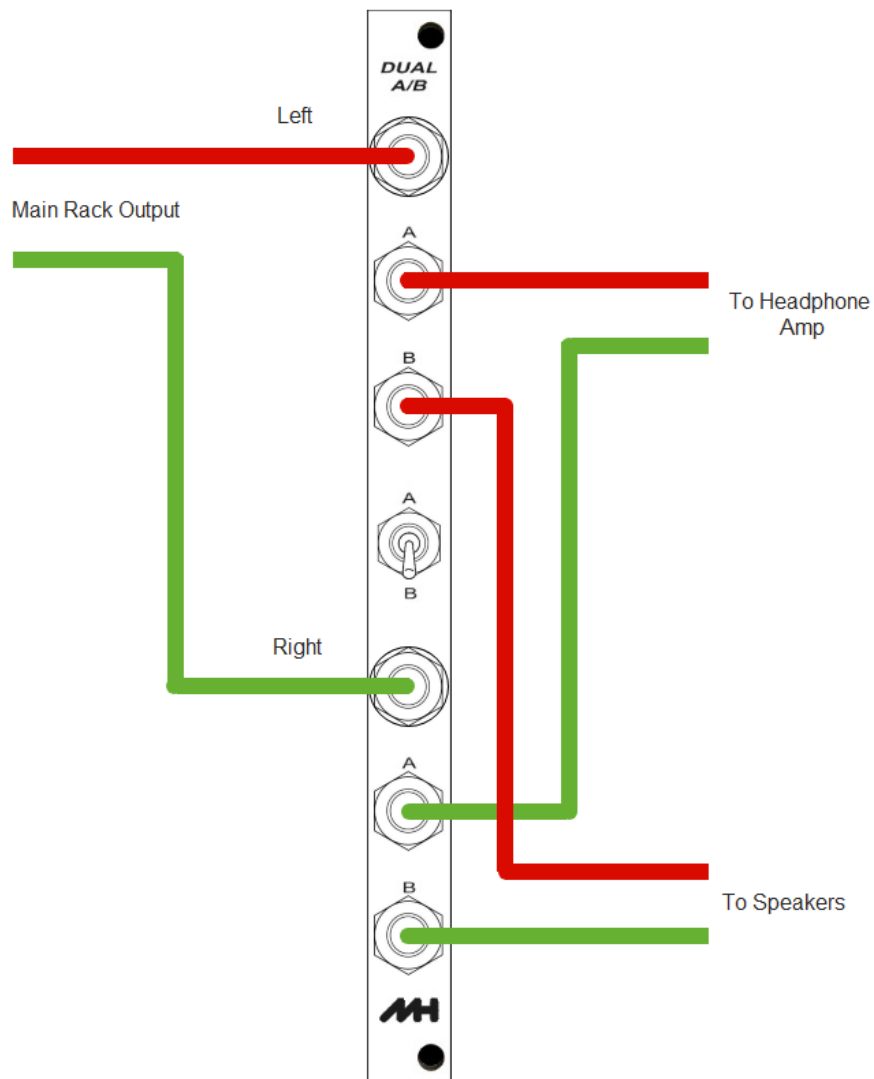
1. CV / Gate switch



Two CV/Gate sources can be easily switched with the Dual A/B module. Here we see a set up with a sequencer and a keyboard. These CV/Gate controllers are easily selected with the switch. The centre off switch position in this set up disconnects the controllers which can be useful for tuning.

Dual A/B can also be used to switch one CV/Gate source to either of two synth voices.

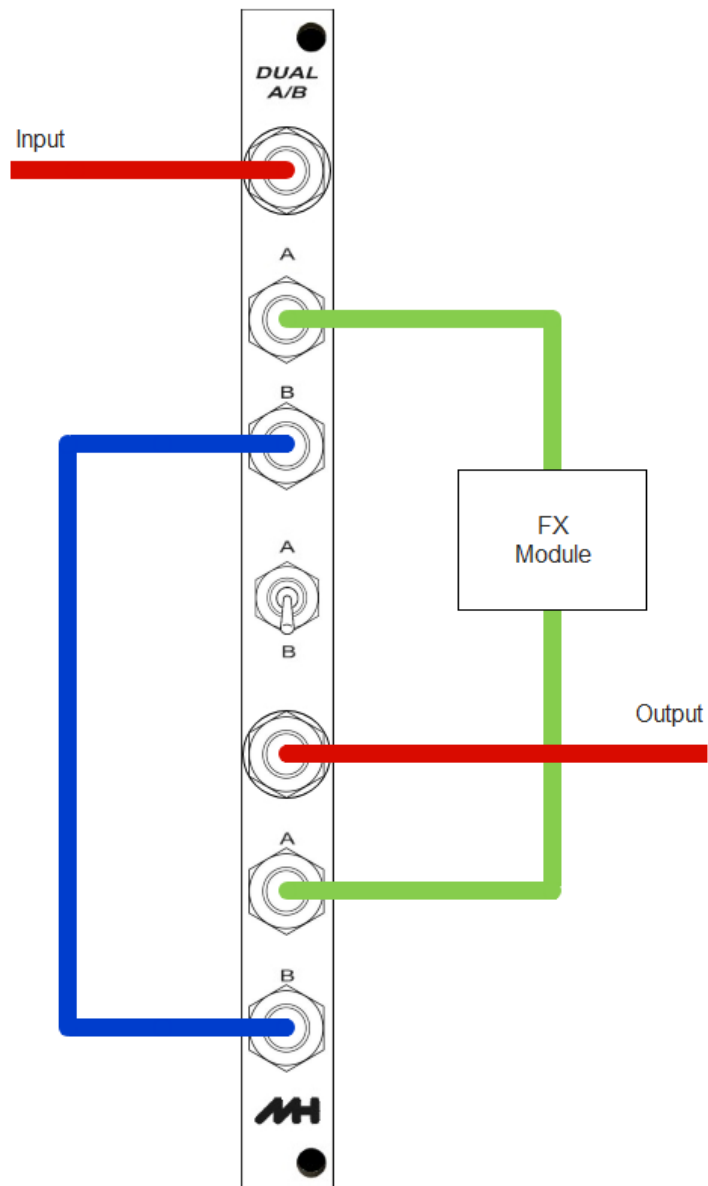
2. Stereo switch



Dual A/B is handy for switching stereo audio. In this example the main audio out is going through the Dual A/B to be switched to headphones, speakers or, with the switch in the centre off position, muted.

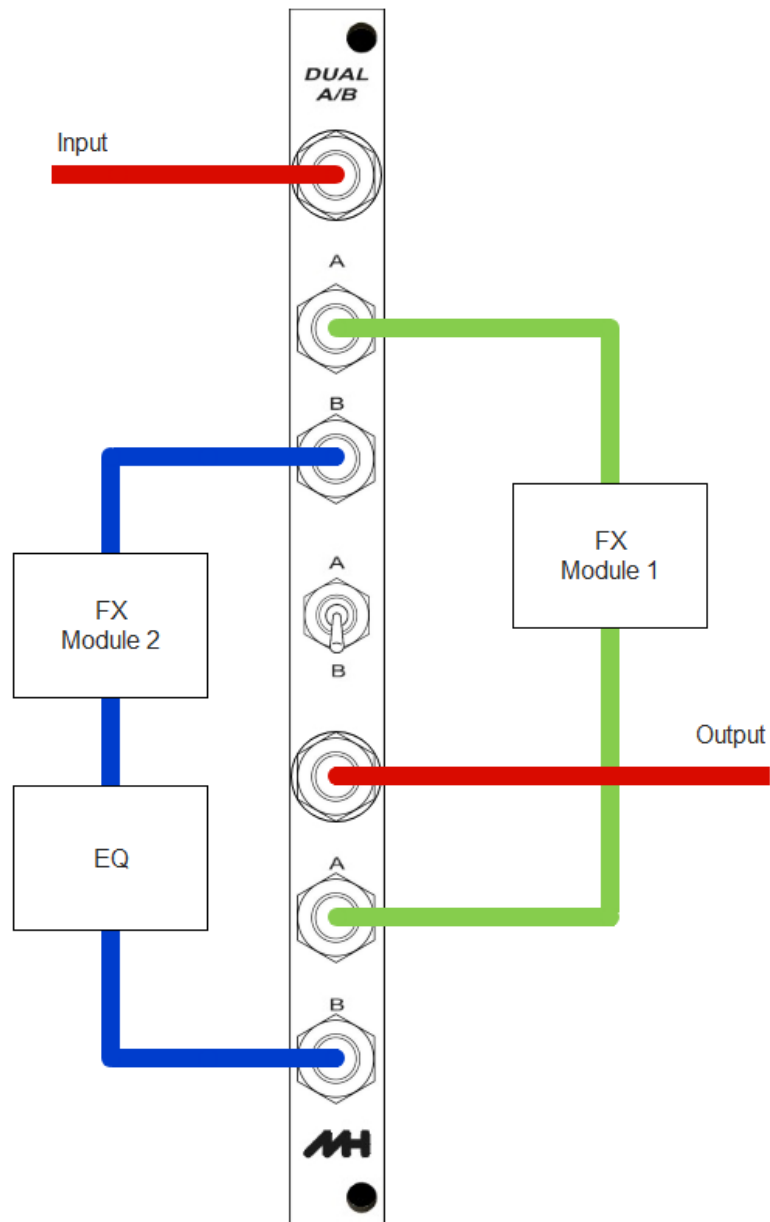
Similarly to the previous example, Dual A/B can also switch two stereo sources to a single destination

3. Bypass



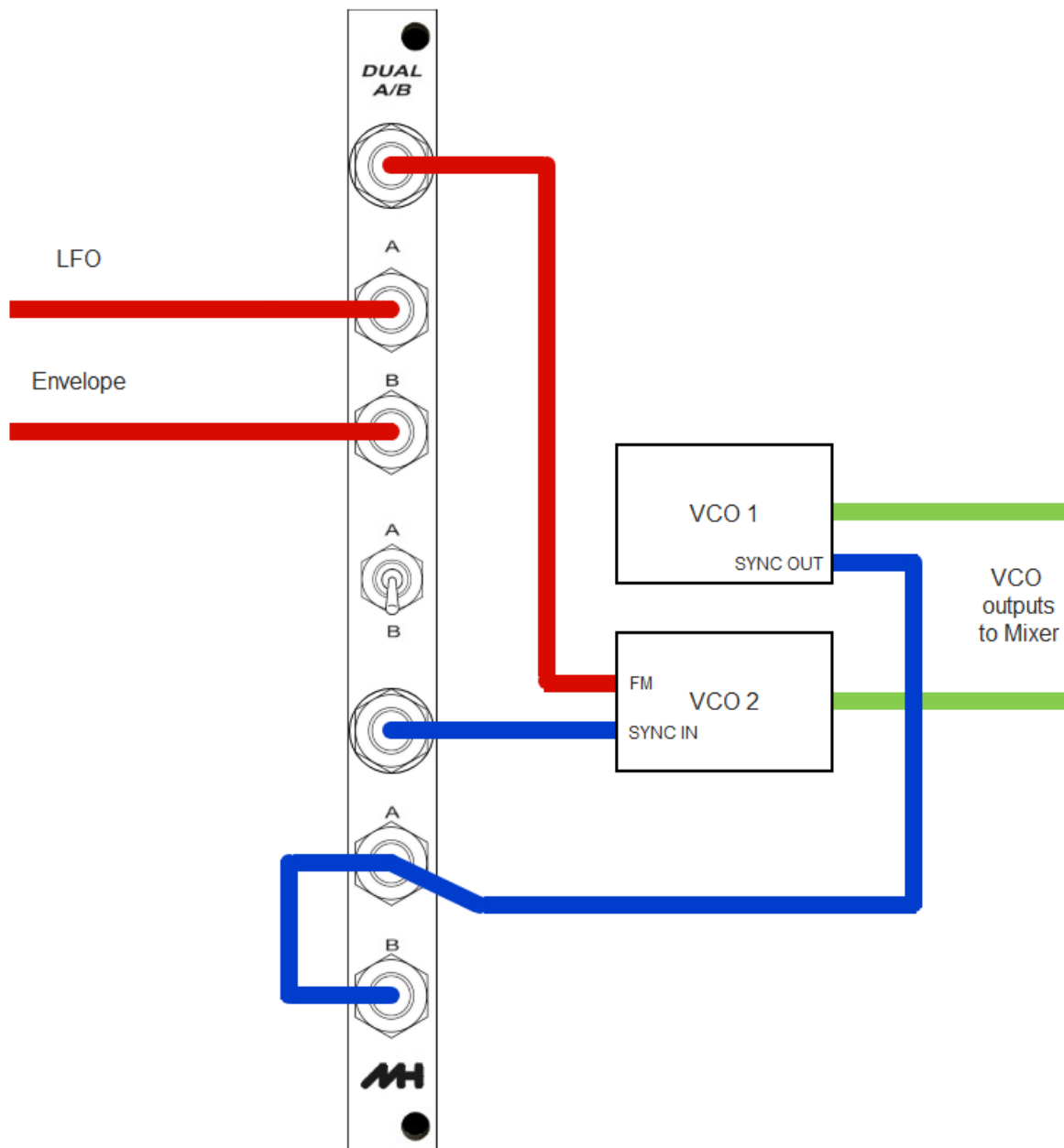
Dual A/B can be used to create a bypass function. In the above, with the switch in the 'B' position, the FX module is bypassed with the input going straight to the output. Switching to 'A' introduces the FX module into the signal path.

4. Path Change



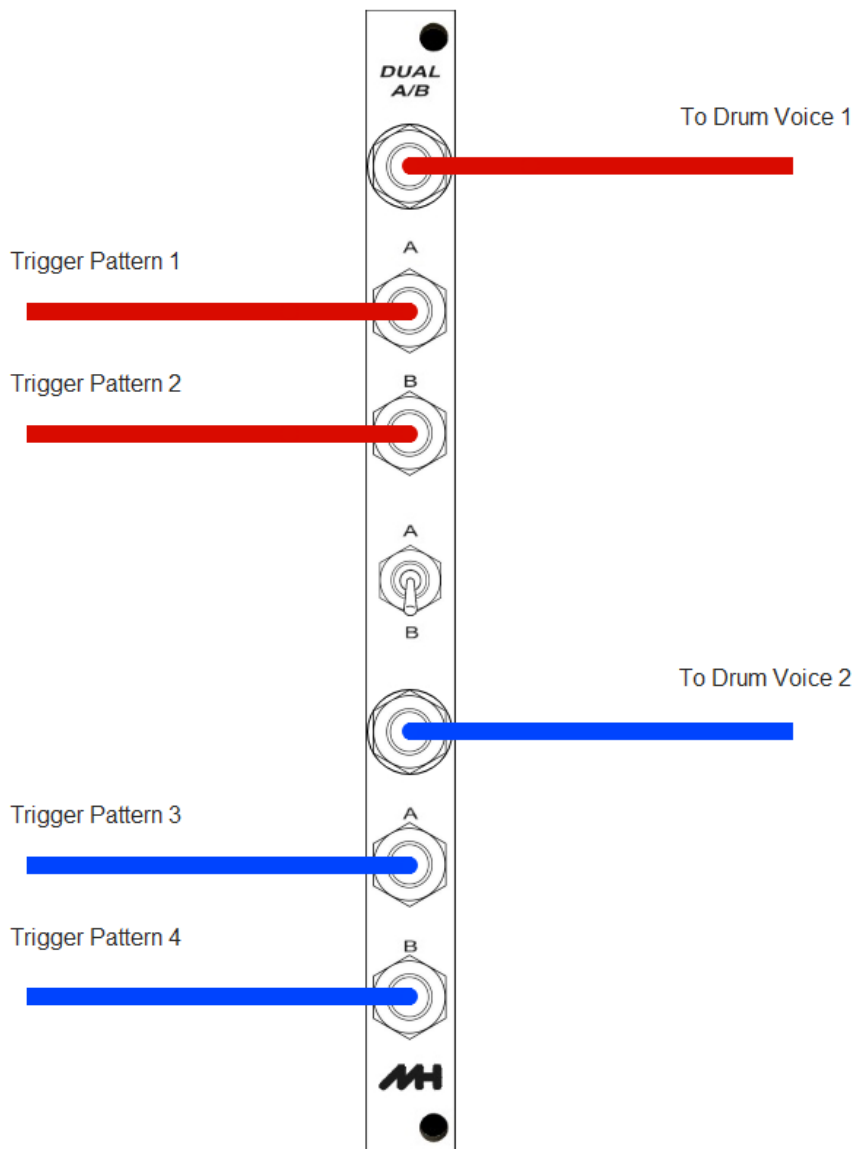
An extension of the previous example gives allows switching between any two signal routes in a patch. This example illustrates selecting different FX / EQ but any two paths can be patched.

5. Sync Control



A useful way to control oscillator sync. Here the sync signal is connected to both the A and B jacks of the lower circuit. So, if the switch is in either the A or B positions sync is on. However, in the centre position there is no connection, so sync is off. At the same time the upper circuit can be used to select different modulation sources with the centre position muting the modulation. The net effect is – Switch in centre position: sync off, Switch to A or B positions: two different flavours of sync!

6. Pattern switching



The above set up can be used to simultaneously switch between two different trigger patterns on two drum tracks. This can be used for manual variations of patterns such as a drum 'fill'.

Both the drum tracks are muted with the switch in the centre position.

Support

Any problems? Feedback? Please use the contact form on the [MH Eurorack website](#)

Instagram: @mheurorack