

# St Annes Mosley

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A simplified interface for Hauptwerk St Annes Mosley organ powered by Midi Designer.

The couplers are arranged under affected division. The stops remain in the original organ layout. It is simple to rearrange the stops if desired.

The red couplers are "outside" both the native organ and the Hauptwerk master general combinations. (In a future update, they could be captured into Midi Designer presets)

To avoid collisions with any other system setup in place, I have used a simple custom sys-ex format for the Hauptwerk stop commands. The only collision with existing setup might be the crescendo pedal settings, which should be easy enough to change.

The format is "F0 08 xx yy F7" where

- xx is the decimal number of the stop, or sequence number for master pistons, etc.
- yy is 7F for on, 00 for off

It does not take long to enter these settings directly into Hauptwerk, especially using the shortcut to make most settings at once. There is a spreadsheet with the settings listed.

Under **Organ Settings / Organ stop / coupler / tremulant**, on the primary input tab, select:

Select Generic MIDI sys-ex constant messages for the format

Select <any enabled port>

Enter the five sys-ex bytes each in the on and off column.

On the primary output tab, select:

Auto midi output

select <any enabled port>

select always suppress output (echo)

Shortcut: you can select the entire group of stops at once, make all the entries above, then go back stop by stop and change the middle byte of the two sys-ex commands to the correct number. In this bulk method, do not select functions not included in the spreadsheet, or you will have unexpected results.

Repeat above with the remaining items on the **Organ Settings / Midi/Key triggers for master pistons and menu functions ...**

Crescendo display:

- On my setup, pedal is on channel 11, great on channel 12, swell on channel 13. I use cc 12 for crescendo. Due to the nature of my controller, this may actually come in on channel 12 or 13. So the crescendo stage display monitors both channel 12 and channel 13 (via a hidden super control for the second channel).
- Under **Organ Settings / Expression / Crescendo Pedals ...** set primary input to channel 13, controller 12.
- I have the secondary input on channel 12, controller 12, but this might not be necessary.
- If you are using a different channel, then edit the knob in Midi Designer to match your channel and controller.
- If using only a single channel, you can delete the hidden super control that is monitoring the second channel.
- Crescendo stage display is not scaled correctly yet. Work to do for future update.

Future update may include the stepper combinations and display.