

Setting up the Pro 40s for Hauptwerk

1. Install software from Focusrite website.
2. Currently using 3.4 version of the software as version 3.7 "crashes" the OS when the second unit comes online (Open ticket #954451).
3. Connect unit with lowest id (unit 1) to FireWire port.
4. Connect other unit (unit 2) to the unused firewire port on unit 1.
5. Confirm in Windows DeviceManager that both units are connected.
6. Launch MixControl application. Note: We don't normally run this with Hauptwerk since settings are remembered by the Focusrite units but you need to use this to set up the units initially.
7. Select unit 1.
8. Make sure **output routing** is set to the default shown below.



(DAW 1 - Monitor output 1, DAW 2 - Monitor output 2, DAW 3 - Line output 3, DAW 4 - Line output 4 ...DAW 10 - Line output 10)

9. Set **Monitor controls**. Set the monitor to use the physical controls on the front panel of the unit.



Decide which physical outputs are to be controlled by the Monitor control and Mute button.

Make sure each channel to be controlled by the Monitor is blue; make the button grey for those not to be controlled by the monitor control - they are output at full volume. (To set a button to its Grey state, SHIFT + Click the button.). Red mutes the output of a channel. Channel numbers here match the analogue outputs on the back of the unit - Monitor 1 controls socket 1 and so on

Thus for unit 1, DAW output 01/02 is connected to physical output channel 1/2 and managed by the monitor control; similarly DAW 03/04 is connected to outputs 3/4, managed by the Monitor control and so on up to DAW 9/10 which connects to Outputs 9/10 and is also managed by the Monitor control.

10. Repeat the same setup for unit 2. For unit 2 channels 9 & 10 should be set not to be managed by the Monitor control (they should be grey) - they are configured for headphones.
11. **Note.** For unit 2 the MixControl application will show the DAW outputs as 1, 2, 3, 4.... however, these correspond to the channels 21, 22, 23, 24... presented by the ASIO driver to the DAW program i.e. to Hauptwerk.
12. Always take care to check that you are setting working on the right unit in MixControl.
13. Use *Save to hardware* to backup settings... this backup must be explicitly restored by using *load from hardware*. (This is not really necessary since the settings are held in the units across power cycles but it could be useful one day.

Sound channel assignment

Unit 1			
DAW channel	Pro 40 Route	Hauptwerk Group	Connected to...
001/002	1/2	Rear	rear powered speakers
003/004	3/4	Main	Amp 0:A(L&R)
005/006	5/6	Main	Amp 0:B(L&R)
007/008	7/8	Main	Amp 0:C(L&R)
009/010	9/10	Reverb	Lexicon MP 100X reverberation unit

Midi in Organ Console OUT
Midi out Organ Console IN

Unit 1 outputs 1-10 selected to be controlled by Monitor control.

Unit 2			
DAW channel	Pro 40 Route	Hauptwerk Group	Connected to...
021/022	1/2	-	-
023/024	3/4	Main	Amp 0:A(L&R)
025/026	5/6	Main	Amp 0:B(L&R)
027/028	7/8	Sub	sub woofer (L&R)
029/030	9/10	Phones	Unit 2, phones B

Midi in -
Midi out LCD

Unit 2 outputs 1 - 8 selected to be controlled by Monitor control. Outputs 9 & 10 are not controlled by Monitor (grey). Pressing Mute on each unit leaves the headphone output sounding.