



## GENERAL NOTES ABOUT USING THE B4

The US-428 Control Panel now includes the addition of another Control Surface Protocol in the drop-down box: "Native Instruments B4", for mapping the US-428's control surface to Native Instruments' B4 virtual organ. (NOTE: A demo version of the B4 can be downloaded from the Native Instruments website at [www.native-instruments.com](http://www.native-instruments.com)).

NOTE: The following setup procedures must be done with the B4 running as a standalone application, rather than in VST Instrument mode.

### AUDIO SETUP:

In the B4 system menu:

- Under "Audio Port" choose ASIO
- Under "Audio Settings" choose "ASIO US-428 (24 bit)"
- Also under "Audio Settings" use the buffer size slider to set a value that is EQUAL TO the value chosen in the US-428 Control Panel. Ideally, best results will be achieved with a buffer size setting of 256 to 512.
- Note that if you change the setting in the US-428, you will have to update the setting in the B4 the next time you start the program. Failure to do this will result in noise.
- Under "Audio Routing" click the Audio In "All Off" button, and click the Audio Out "Default" button.

### MIDI SETUP:

- Under "MIDI Settings" make sure that you've selected the proper MIDI IN ports. (For example, if you're feeding a keyboard into US-428 MIDI In 1, choose:
  - US-428 Port 1
  - US-428 Control

(You MUST include "US-428 Control" port, or the faders and other surface control will not work)

- Also in this dialog, select
  - Upper manual = Channel 1
  - Lower manual = Channel 2
  - Pedal = Channel 3
  - Leave MIDI Input filtering disabled.

## Control Surface Mapping:

*TIP:* If you click on the characters “B4” at the upper right of the B4 program, you can rapidly switch between Keyboard and Control views.

**Keyboard View:** Here you can access the drawbars, rockers, expression pedal, and Leslie speed. There are three banks, accessible with the BANK L and BANK R buttons on the US-428.

- **Bank 1:**
  - **Faders 1-8 + master** = **DRAWBARS 1-9 ON THE UPPER MANUAL**
  - **Mute 1** = **VIB LOW ON/OFF**
  - **Mute 2** = **VIB UP ON/OFF**
  - **Mute 3** = **ROTATOR SPEED FAST/SLOW**
  - **Mute 4** = **PERC ON/OFF**
  - **Mute 5** = **DRIVE ON/OFF**
  - **Mute 6** = **ROTATOR ON/OFF**
  - **Mute 7** = **VELOCITY ON/OFF**
  - **Data Wheel** = **EXPRESSION PEDAL**
  
- **Bank 2: (Similar to Bank 1 except):**
  - **Faders 1-8 + master** = **DRAWBARS 1-9 ON THE LOWER MANUAL**
  
- **Bank 3: (Similar to Bank 1 except):**
  - **Faders 1-6** = **DRAWBARS 1-6 ON THE PEDAL MANUAL**

**Control View:** All the previous controls operate as before, and the EQ switches and controls also allow these settings:

### With EQ High activated:

- GAIN = TREBLE SLOW
- FREQ = TREBLE FAST
- Q = TREBLE ACCEL
- PAN = TREBLE TONE

### With EQ Low activated:

- GAIN = BASS SLOW
- FREQ = BASS FAST
- Q = BASS ACCEL
- PAN = BASS TONE

### With EQ Hi Mid activated:

- GAIN = TUBE AMP DRIVE
- FREQ = TUBE AMP VOL
- Q = TUBE AMP BODY
- PAN = TUBE AMP BRIGHT

### With Aux 1 activated:

- GAIN = PERC VOLUME
- FREQ = PERC DELAY
- Q = PERC HARMONIC
- PAN = KEYCLICK AMT

### With EQ Lo Mid activated:

- GAIN = MIC BALANCE
- FREQ = MIC PAN
- Q = MIC SPREAD
- PAN = MIC DISTANCE

### With Aux 2 activated:

- GAIN = VIBRATO MIX
- FREQ = VIBRATO DEPTH
- Q = PERC HARMONIC
- PAN = KEYCLICK AMT