

NI B4 MIDI Controller Map				VOCE Drawbars 1.2 MIDI Controller Map				SoundFonts VB3 (with HX3 NI B4)			
HEX	#	NI B4 controller	HX3 controlled value, remarks	HEX	#	VOCE controller	HX3 controlled value, remarks	HEX	#		HX3 controlled value, remarks
01	1	Rotary Speaker Speed	Leslie FAST when on	01	1			01	1	Rotary Speaker Speed	Leslie FAST when on
02	2	Rotator Run	(no func)	02	2			02	2		
03	3	Microphone Distance (from speaker)	(no func)	03	3			03	3		
04	4	Cabinet Select	(no func)	04	4			04	4		
05	5	Tonewheel Select	(no func)	05	5			05	5		
06	6			06	6			06	6		
07	7	Tube Amp Volume	Volume	07	7	Volume		07	7	Overall Volume	Volume
08	8	Microphone Treble/Bass Balance	(no func)	08	8	Expression Foot Pedal	Swell	08	8	Overall Tone	
09	9	Microphone Spread	(no func)	09	9			09	9	Rotary Speaker Spread	
0A	10	Microphone Pan	(no func)	0A	10			0A	10	Rotary Speaker Balance	
0B	11	Expression Pedal/ Swell		0B	11			0B	11	Expression Pedal	
0C	12	Upper Drawbar 16		0C	12	Upper Drawbar 16	Upper Ch1, Lower Ch2	0C	12	Upper B Drawbar 16	
0D	13	Upper Drawbar 5 1/3		0D	13	Upper Drawbar 5 1/3		0D	13	Upper B Drawbar 5 1/3	
0E	14	Upper Drawbar 8		0E	14	Upper Drawbar 8		0E	14	Upper B Drawbar 8	
0F	15	Upper Drawbar 4		0F	15	Upper Drawbar 4		0F	15	Upper B Drawbar 4	
10	16	Upper Drawbar 2 2/3		10	16	Upper Drawbar 2 2/3		10	16	Upper B Drawbar 2 2/3	
11	17	Upper Drawbar 2		11	17	Upper Drawbar 2		11	17	Upper B Drawbar 2	
12	18	Upper Drawbar 1 3/5		12	18	Upper Drawbar 1 3/5		12	18	Upper B Drawbar 1 3/5	
13	19	Upper Drawbar 1 1/3		13	19	Upper Drawbar 1 1/3		13	19	Upper B Drawbar 1 1/3	
14	20	Upper Drawbar 1		14	20	Upper Drawbar 1		14	20	Upper B Drawbar 1	
15	21	Lower Drawbar 16		15	21	Drawbars Auxiliary	(no func)	15	21	Lower B Drawbar 16	
16	22	Lower Drawbar 5 1/3		16	22	Drawbars Auxiliary	(no func)	16	22	Lower B Drawbar 5 1/3	
17	23	Lower Drawbar 8		17	23	Drawbars Auxiliary	(no func)	17	23	Lower B Drawbar 8	
18	24	Lower Drawbar 4		18	24	Drawbars Auxiliary	(no func)	18	24	Lower B Drawbar 4	
19	25	Lower Drawbar 2 2/3		19	25	Drawbars Auxiliary	(no func)	19	25	Lower B Drawbar 2 2/3	
1A	26	Lower Drawbar 2		1A	26	Drawbars Auxiliary	(no func)	1A	26	Lower B Drawbar 2	
1B	27	Lower Drawbar 1 3/5		1B	27	Drawbars Auxiliary	(no func)	1B	27	Lower B Drawbar 1 3/5	
1C	28	Lower Drawbar 1 1/3		1C	28	Drawbars Auxiliary	(no func)	1C	28	Lower B Drawbar 1 1/3	
1D	29	Lower Drawbar 1		1D	29	Drawbars Auxiliary	(no func)	1D	29	Lower B Drawbar 1	
1E	30	Vibrato Lower ON		1E	30			1E	30	Vibrato Lower ON	
1F	31	Vibrato Upper ON		1F	31			1F	31	Vibrato Upper ON	
20	32			20	32			20	32		
21	33	Pedal Drawbar 16'		21	33			21	33	Pedal Drawbar 16'	
22	34	Pedal Drawbar 5 1/3'	(no func)	22	34			22	34		
23	35	Pedal Drawbar 8'		23	35			23	35	Pedal Drawbar 8'	
24	36			24	36			24	36		
25	37			25	37			25	37		
26	38			26	38			26	38		
27	39	Bass Sustain		27	39			27	39		
28	40	String Bass	(no func)	28	40			28	40	Upper A Drawbar 16	(no func)
29	41			29	41			29	41	Upper A Drawbar 5 1/3	(no func)
2A	42			2A	42			2A	42	Upper A Drawbar 8	(no func)
2B	43			2B	43			2B	43	Upper A Drawbar 4	(no func)
2C	44			2C	44			2C	44	Upper A Drawbar 2 2/3	(no func)
2D	45			2D	45			2D	45	Upper A Drawbar 2	(no func)
2E	46			2E	46			2E	46	Upper A Drawbar 1 3/5	(no func)
2F	47			2F	47			2F	47	Upper A Drawbar 1 1/3	(no func)
30	48			30	48			30	48	Upper A Drawbar 1	(no func)
31	49			31	49			31	49	Upper Manual A Drawbars A/B	(no func)
32	50			32	50			32	50	Lower A Drawbar 16	(no func)
33	51			33	51			33	51	Lower A Drawbar 5 1/3	(no func)
34	52			34	52			34	52	Lower A Drawbar 8	(no func)
35	53			35	53			35	53	Lower A Drawbar 4	(no func)
36	54			36	54			36	54	Lower A Drawbar 2 2/3	(no func)
37	55			37	55			37	55	Lower A Drawbar 2	(no func)
38	56			38	56			38	56	Lower A Drawbar 1 3/5	(no func)
39	57			39	57			39	57	Lower A Drawbar 1 1/3	(no func)
3A	58			3A	58			3A	58	Lower A Drawbar 1	(no func)
3B	59			3B	59			3B	59	Lower Manual A Drawbars A/B	(no func)
3C	60			3C	60			3C	60		
3D	61			3D	61			3D	61		
3E	62			3E	62			3E	62		
3F	63			3F	63			3F	63		
40	64			40	64			40	64		
41	65			41	65			41	65		
42	66	Percussion ON	Perc ON when on	42	66			42	66	Percussion ON	Perc ON when on
43	67	Dual Rotator On (ex Drive On)	(no func)	43	67			43	67	Tube Overdrive Switch	(no func)
44	68	Rotary On/Off	Leslie RUN when on	44	68	Leslie Fast/Slow	Leslie FAST when on	44	68	Rotary Speaker Brake	Leslie RUN when on
45	69	Velocity Sensitivity	(no func)	45	69			45	69		
46	70	Percussion Volume	Perc NORMAL when on	46	70	Percussion Decay	FAST when on	46	70	Percussion Volume	Perc NORMAL when on
47	71	Percussion Decay	Perc SLOW when on	47	71	Percussion Volume	SOFT when on	47	71	Percussion Decay	Perc SLOW when on
48	72	Percussion Harmonic	Perc 3rd ON when on	48	72	Percussion Harmonic	3RD when on	48	72	Percussion Harmonic	Perc 3rd ON when on
49	73	Vibrato Mix	Chorus when on	49	73	Percussion On/Off	ON when on	49	73	Vibrato Type	Chorus when on
4A	74	Vibrato Depth	V1/C1 = 0.56	4A	74	Foot-Switch Brake	Leslie Run when on	4A	74		
4B	75	Keyclick Amount	Bass Sustain V2/C2 = 57.88	4B	75			4B	75	Keyclick Level	Bass Sustain
4C	76	Tube Amp Drive	V3/C3 = 89.127	4C	76			4C	76	Tube Overdrive Drive	Leslie Volume
4D	77	Leakage	(no func)	4D	77			4D	77		
4E	78	Tube Amp Body	Bass Equ	4E	78			4E	78	Tube Overdrive Edge	Bass Equ
4F	79	TubeAmp Brightness	Tone Pot	4F	79			4F	79		
50	80	Rotary Speaker – Treble Tone	(no func)	50	80			50	80		
51	81	Rotary Speaker – Treble Horn Slow Speed	(no func)	51	81			51	81	Rotary Speaker Treble Horn Slc	(no func)
52	82	Rotary Speaker – Treble Horn Fast Speed	(no func)	52	82			52	82	Rotary Speaker Treble Horn Fa	(no func)
53	83	Rotary Speaker – Treble Horn Acceleration	(no func)	53	83			53	83	Rotary Speaker Treble Horn Acc	(no func)
54	84	Reverb Wet	OFF = 0.23	54	84			54	84	Reverb	OFF = 0.23
55	85	Reverb Type	(no func)	55	85			55	85	Rotary Speaker Bypass	Rev1 = 24.47
56	86	Reverb Time	(no func)	56	86			56	86		Rev2 = 48.63
57	87	Reverb Size	(no func)	57	87	Key Click Volume	Tone Pot	57	87		Rev3 = 64.127
58	88	Reverb Bright	(no func)	58	88	Hum	Bass Equ	58	88		
59	89	Reverb PrePost	(no func)	59	89			59	89		
5A	90	Rotary Speaker – Bass Horn Tone	(no func)	5A	90			5A	90		
5B	91	Rotary Speaker – Bass Horn Slow Speed	(no func)	5B	91	Distortion	Leslie Volume	5B	91	Rotary Speaker Bass Horn Slow	(no func)
5C	92	Rotary Speaker – Bass Horn Fast Speed	(no func)	5C	92	Leslie On/Off	Leslie Run	5C	92	Rotary Speaker Bass Horn Fast	(no func)
5D	93	Rotary Speaker – Bass Horn Acceleration	(no func)	5D	93	Vibrato/Chorus Depth	V1 = 18	5D	93	Rotary Speaker Bass Horn Acc	(no func)
5E	94	Bass Spread	(no func)	5E	94		V2 = 36	5E	94		
5F	95			5F	95	Vibrato/Chorus On/Off	V3 = 58	5F	95		
60	96			60	96		C1 = 79	60	96		
61	97			61	97		C2 = 100	61	97		
62	98			62	98		C3 = 122	62	98		
63	99			63	99			63	99		
64	100			64	100			64	100		
65	101			65	101			65	101		
66	102			66	102	Save Function		66	102		
67	103			67	103			67	103		
68	104			68	104			68	104		
69	105			69	105			69	105		
6A	106			6A	106			6A	106		
6B	107			6B	107			6B	107		
6C	108			6C	108			6C	108		
6D	109			6D	109			6D	109		
6E	110			6E	110			6E	110		
6F	111			6F	111			6F	111		
70	112			70	112			70	112		
71	113			71	113			71	113		
72	114			72	114			72	114		
73	115			73	115			73	115		
74	116			74	116			74	116		
75	117			75	117			75	117		
76	118			76	118			76	118		
77	119			77	119			77	119		
78	120			78	120			78	120		
79	121			79	121			79	121		
7A	122			7A	122			7A	122		
7B	123			7B	123			7B	123		
7C	124			7C	124			7C	124		
7D	125			7D	125			7D	125		
7E	126			7E	126			7E	126		
7F	127			7F	127			7F	127		