

## MIDI Touchpad/Native HX3-KBP CC Set #8, FW #6.02x, date 19.06.2023

## Special Commands (Channel + 3)

CC #	ParamNr	Parameter MIDI Channel +0	Max	CC #	ParamNr	Parameter MIDI Channel +1	Max	CC #	ParamNr	Parameter MIDI Channel +2	Max	CC #	ParamNr	MIDI only Channel +3
0	0	Bank Select	0	0	0	Bank Select	0	0	0	Bank Select	0	0	0	
1	0	Leslie RUN/STOP	127	1	0	Modulation Wheel	0	1	0	Modulation Wheel	0	1	0	Leslie RUN/STOP
2	0		0	2	0		0	2	0		0	2	0	
3	0	Leslie SLOW (<53) or FAST (> 73)	127	3	0		0	3	0		0	3	1686..88	Leslie SLOW (<53) or FAST (> 73)
4	0		0	4	0		0	4	0		0	4	-2	
5	0		0	5	0		0	5	0		0	5	-1	
6	0	NRPN/RPN Data MSB	0	6	0	NRPN/RPN Data MSB	127	6	0	NRPN/RPN Data MSB	127	6	0	
7	1080	Master Volume	127	7	0	Volume	127	7	0	Volume	127	7	0	
8	1081	Rotary Simulation Volume	127	8	0		0	8	0		0	8	0	
9	1082	Upper Volume	127	9	1083	Lower Volume	127	9	1084	Pedal Volume	127	9	0	
10	1085	Upper Perc&Bypass (Dry) Volume	127	10	0		0	10	0		0	10	0	
11	0	Expression Pedal	127	11	0	Expression Pedal	127	11	0	Expression Pedal	127	11	0	
12	1000	DB #0, Upper Drawbar 16	127	12	1016	DB #16, Lower Drawbar 16	127	12	1032	DB #32, Pedal Drawbar 16	127	12	0	
13	1001	DB #1, Upper Drawbar 5 1/3	127	13	1017	DB #17, Lower Drawbar 5 1/3	127	13	1033	DB #33, Pedal Drawbar 5 1/3	127	13	0	
14	1002	DB #2, Upper Drawbar 8	127	14	1018	DB #18, Lower Drawbar 8	127	14	1034	DB #34, Pedal Drawbar 8	127	14	0	
15	1003	DB #3, Upper Drawbar 4	127	15	1019	DB #19, Lower Drawbar 4	127	15	1035	DB #35, Pedal Drawbar 4	127	15	0	
16	1004	DB #4, Upper Drawbar 2 2/3	127	16	1020	DB #20, Lower Drawbar 2 2/3	127	16	1036	DB #36, Pedal Drawbar 2 2/3	127	16	0	
17	1005	DB #5, Upper Drawbar 2	127	17	1021	DB #21, Lower Drawbar 2	127	17	1037	DB #37, Pedal Drawbar 2	127	17	0	
18	1006	DB #6, Upper Drawbar 1 3/5	127	18	1022	DB #22, Lower Drawbar 1 3/5	127	18	1038	DB #38, Pedal Drawbar 1 3/5	127	18	0	
19	1007	DB #7, Upper Drawbar 1 1/3	127	19	1023	DB #23, Lower Drawbar 1 1/3	127	19	1039	DB #39, Pedal Drawbar 1 1/3	127	19	0	
20	1008	DB #8, Upper Drawbar 1	127	20	1024	DB #24, Lower Drawbar 1	127	20	1040	DB #40, Pedal Drawbar 1	127	20	0	
21	1009	DB #9, Upper Mixture Drawbar 10	127	21	1025	DB #25, Lower Mixture Drawbar 10	127	21	1041	DB #41, Pedal Mixture Drawbar 10	127	21	0	
22	1010	DB #10, Upper Mixture Drawbar 11	127	22	1026	DB #26, Lower Mixture Drawbar 11	127	22	1042	DB #42, Pedal Mixture Drawbar 11	127	22	0	
23	1011	DB #11, Upper Mixture Drawbar 12	127	23	1027	DB #27, Lower Mixture Drawbar 12	127	23	1043	DB #43, Pedal Mixture Drawbar 12	127	23	0	
24	0		127	24	0		127	24	0		127	24	0	
25	1048	DB #48, Upper Attack	127	25	1056	DB #56, Lower Attack	127	25	1064	DB #64, Pedal Attack	127	25	0	
26	1049	DB #49, Upper Decay	127	26	1057	DB #57, Lower Decay	127	26	1065	DB #65, Pedal Decay	127	26	0	
27	1050	DB #50, Upper Sustain	127	27	1058	DB #58, Lower Sustain	127	27	1066	DB #66, Pedal Sustain	127	27	0	
28	1051	DB #51, Upper Release	127	28	1059	DB #59, Lower Release	127	28	1067	DB #67, Pedal Release	127	28	0	
29	1052	DB #52, Upper ADSR Harmonic Decay	127	29	1060	DB #60, Lower ADSR Harmonic Decay	127	29	1068	DB #68, Pedal ADSR Harmonic Decay	127	29	0	
30	0		0	30	0		0	30	0		0	30	0	
31	0		0	31	0		0	31	0		0	31	0	
32	0	Bank Select	0	32	0	Bank Select	0	32	0	Bank Select	0	32	0	
33	1224	Upper GM Layer 1 Voice	127	33	1232	Lower GM Layer 1 Voice	127	33	1240	Pedal GM Layer 1 Voice	127	33	0	
34	1225	Upper GM Layer 1 Level	127	34	1233	Lower GM Layer 1 Level	127	34	1241	Pedal GM Layer 1 Level	127	34	0	
35	1226	Upper GM Layer 1 Harmonic	5	35	1234	Lower GM Layer 1 Harmonic	5	35	1242	Pedal GM Layer 1 Harmonic	5	35	0	
36	1227	Upper GM Layer 2 Voice	127	36	1235	Lower GM Layer 2 Voice	127	36	1243	Pedal GM Layer 2 Voice	127	36	0	
37	1228	Upper GM Layer 2 Level	127	37	1236	Lower GM Layer 2 Level	127	37	1244	Pedal GM Layer 2 Level	127	37	0	
38	1229	Upper GM Layer 2 Harmonic	5	38	1237	Lower GM Layer 2 Harmonic	5	38	1245	Pedal GM Layer 2 Harmonic	5	38	0	
39	1230	Upper GM Layer 2 Detune	127	39	1238	Lower GM Layer 2 Detune	127	39	1246	Pedal GM Layer 2 Detune	127	39	0	
40	0		0	40	0		0	40	0		0	40	0	
41	1096	DB #96, Upper Env/Perc Drawbar 16	127	41	1086	Overall Reverb	127	41	1072	DB #72, Pedal Drawbar 16 AutoMix	127	41	0	
42	1097	DB #97, Upper Env/Perc Drawbar 5 1/3	127	42	1087	AO28 Tone Pot	127	42	1073	DB #73, Pedal Drawbar 16H AutoMix	127	42	0	
43	1098	DB #98, Upper Env/Perc Drawbar 8	127	43	1088	AO28 Trim Cap Swell	127	43	1074	DB #74, Pedal Drawbar 8 AutoMix	127	43	0	
44	1099	DB #99, Upper Env/Perc Drawbar 4	127	44	1089	AO28 Minimal Swell Volume	127	44	1075	DB #75, Pedal Drawbar 8H AutoMix	127	44	0	
45	1100	DB #100, Upper Env/Perc Drawbar 2 2/3	127	45	1090	AO28 Tube Age (Triode k2)	127	45	0		0	45	0	
46	1101	DB #101, Upper Env/Perc Drawbar 2	127	46	0		0	46	1320	Pre-Emphasis (Treble Gain)	127	46	0	
47	1102	DB #102, Upper Env/Perc Drawbar 1 3/5	127	47	1112	Equ Bass Control	127	47	1321	LC Line Age/AM, Amplitude Modulation	127	47	0	
48	1103	DB #103, Upper Env/Perc Drawbar 1 1/3	127	48	1113	Equ Bass Center Frequ 32..2000Hz	127	48	1322	LC Line Feedback	127	48	0	
49	1104	DB #104, Upper Env/Perc Drawbar 1	127	49	1114	Equ Bass Peak/Q 0.3..1.5	127	49	1323	LC Line Reflection	127	49	0	
50	1105	DB #105, Upper Env/Perc Mixture Drawbar 10	127	50	1115	Equ Mid Control	127	50	1324	LC Line Response, Cutoff Frequency	127	50	1680	Set Vibrato to V1
51	1106	DB #106, Upper Env/Perc Mixture Drawbar 11	127	51	1116	Equ Mid Center Frequ 125..4000Hz	127	51	1325	LC PhaseLk, Line Cutoff Shelving Level	127	51	1681	Set Vibrato to C1
52	1107	DB #107, Upper Env/Perc Mixture Drawbar 12	127	52	1117	Equ Mid Peak/Q 0.3..1.5	127	52	1326	Scanner Gearing (Vib Frequ)	127	52	1682	Set Vibrato to V2
53	0		0	53	1118	Equ Treble Control	127	53	1327	Chorus Dry (Bypass) Level	127	53	1683	Set Vibrato to C2
54	1264	Vibrato Knob	5	54	1119	Equ Treble Center Frequ 500..8500Hz	127	54	1328	Chorus Wet (Scanner) Level	127	54	1684	Set Vibrato to V3
55	1265	Organ Model	2	55	1120	Equ Treble Peak/Q 0.3..1.5	127	55	1329	Modulation @V1	127	55	1685	Set Vibrato to C3
56	1266	Speaker Model	7	56	1121	Equ Full Parametric Enable	127	56	1330	Modulation @C1	127	56	0	
57	1267	Gating Mode	7	57	0		0	57	1331	Modulation @V2	127	57	0	
58	1268	Overall Preset	99	58	0		0	58	1332	Modulation @C2	127	58	1605	Store Current Preset (127)
59	1269	Upper Voice	15	59	0		0	59	1333	Modulation @V3	127	59	1606	Store Current Upper Voice (127)
60	1270	Lower Voice	15	60	0		0	60	1334	Modulation @C3	127	60	1607	Store Current Lower Voice (127)
61	1271	Pedal Voice	15	61	0		0	61	0		0	61	1608	Store Current Pedal Voice (127)
62	0		0	62	0		0	62	0		0	62	1609	Preset/Voice Store Request
63	0		0	63	0		0	63	0		0	63	1610	Binary Response ON (OSC)

CC #	ParamNr	Parameter MIDI Channel +0	Max	CC #	ParamNr	Parameter MIDI Channel +1	Max	CC #	ParamNr	Parameter MIDI Channel +2	Max	CC #	ParamNr	MIDI only Channel +3
64	0	Damper/Sustain pedal	0	64	0		0	64	0		0	64	0	
65	0	Portamento	0	65	0		0	65	0		0	65	0	
66	0	Sostenuto	0	66	0		0	66	0		0	66	0	
67	0	Soft pedal	0	67	0		0	67	0		0	67	0	
68	0	Legato Ftsw	0	68	0		0	68	0		0	68	0	
69	0	Hold 2	0	69	0		0	69	0		0	69	0	
70	0		0	70	0		0	70	0		0	70	1620	Dec Overall/Common Preset
71	0		0	71	0		0	71	0		0	71	1621	Inc Overall/Common Preset
72	1128	TAB #0, Percussion ON	127	72	1353	Keyboard Split Point if ON	65	72	1480	Perc Norm Level	127	72	1622	Dec Upper Voice
73	1129	TAB #1, Percussion SOFT	127	73	1354	Keyboard Split Mode	4	73	1481	Perc Soft Level	127	73	1623	Inc Upper Voice
74	1130	TAB #2, Percussion FAST	127	74	1355	Keyboard Transpose	24	74	1482	Perc Long Time	127	74	1624	Dec Lower Voice
75	1131	TAB #3, Percussion THIRD	127	75	0		0	75	1483	Perc Short Time	127	75	1625	Inc Lower Voice
76	1132	TAB #4, Vibrato Upper ON	127	76	0	Vibrato Lower ON	127	76	1484	Perc Muted Level	127	76	1626	Dec Pedal Voice
77	1133	TAB #5, Vibrato Lower ON	127	77	1358	Drawbar 16' Foldback Mode	127	77	1485	(RFU)	0	77	1627	Inc Pedal Voice
78	1134	TAB #6, Leslie RUN	127	78	1359	Higher Foldback	127	78	1486	Perc Precharge Time	127	78	1628	Dec Upper GM Voice 1
79	1135	TAB #7, Leslie FAST	127	79	1360	Contact Spring Flex	15	79	1487	(RFU)	0	79	1629	Inc Upper GM Voice 1
80	1136	TAB #8, Tube Amp Bypass	127	80	1361	Contact Spring Damping	15	80	1490	GM2 Synth Volume	127	80	1630	Dec Upper GM Voice 2
81	1137	TAB #9, Rotary Speaker Bypass	127	81	0		0	81	1491	Relative Organ Volume	127	81	1631	Inc Upper GM Voice 2
82	1138	TAB #10, Phasing Rotor upper ON	127	82	1384	Preamp Swell Type	3	82	1492	H100 Harp Sustain Time	127	82	1632	Dec Lower GM Voice 1
83	1139	TAB #11, Phasing Rotor lower ON	127	83	1385	TG Tuning Set	5	83	1493	H100 2nd Voice Volume	127	83	1633	Inc Lower GM Voice 1
84	1140	TAB #12, Reverb 1	127	84	1386	TG Size	96	84	1494	(RFU)	0	84	1634	Dec Lower GM Voice 2
85	1141	TAB #13, Reverb 2	127	85	1387	TG Fixed Taper Value	127	85	0		0	85	1635	Inc Lower GM Voice 2
86	1142	TAB #14, Separate Pedal Output	127	86	1388	TG WaveSet	7	86	1448	Rotary Live Control, Horn Slow Time	127	86	1636	Dec Pedal GM Voice 1
87	1143	TAB #15, Keyboard Split ON	127	87	1389	TG Flutter	15	87	1449	Rotary Live Control, Rotor Slow Time	127	87	1637	Inc Pedal GM Voice 1
88	1144	TAB #16, Phasing Rotor WersiVoice/Böhm	127	88	1390	TG Leakage	15	88	1450	Rotary Live Control, Horn Fast Time	127	88	1638	Dec Pedal GM Voice 2
89	1145	TAB #17, Phasing Rotor Ensemble	127	89	1391	TG Tuning	15	89	1451	Rotary Live Control, Rotor Fast Time	127	89	1639	Inc Pedal GM Voice 2
90	1146	TAB #18, Phasing Rotor Celeste	127	90	1392	TG Cap Set/Tapering	7	90	1452	Rotary Live Control, Horn Ramp Up Time	127	90	1640	StoreRequest LED (64 = Blink)
91	1147	TAB #19, Phasing Rotor Fading	127	91	1393	TG LC Filter Fac	127	91	1453	Rotary Live Control, Rotor Ramp Up Time	127	91	1641	Connected LED (64 = Blink)
92	1148	TAB #20, Phasing Rotor Weak	127	92	1394	TG Bottom 16' Octave Taper Val	127	92	1454	Rotary Live Control, Horn Ramp Down Time	127	92	1642	Dec OrganModel
93	1149	TAB #21, Phasing Rotor Deep	127	93	1395	Generator Transpose	24	93	1455	Rotary Live Control, Rotor Ramp Down Time	127	93	1643	Inc OrganModel
94	1150	TAB #22, Phasing Rotor Fast	127	94	1400	Reverb Level 1	127	94	1456	Rotary Live Control, Speaker Throb Amount	127	94	1644	Dec SpeakerModel
95	1151	TAB #23, Phasing Rotor Delay	127	95	1401	Reverb Level 2	127	95	1457	Rotary Live Control, Speaker Spread	127	95	1645	Inc SpeakerModel
96	0		0	96	1402	Reverb Level 3	127	96	1458	Rotary Live Control, Speaker Balance	127	96	1646	
97	0		0	97	0		0	97	1459	Rotary Live Control, Sync PHR to Rotary Speed	127	97	1647	
98	0	NRPN	0	98	0	NRPN	0	98	0	NRPN	0	98	0	NRPN
99	0	NRPN	0	99	0	NRPN	0	99	0	NRPN	0	99	1649	NRPN (Wifi: Connected LED)
100	0	RPN	0	100	0	RPN	0	100	0	RPN	0	100	0	RPN
101	0	RPN	0	101	0	RPN	0	101	0	RPN	0	101	0	RPN
102	1160	TAB #32, Upper 16 Drawbar EG/Perc Mask Bit	127	102	1176	TAB #48, Lower Drawbar 16 to ADSR	127	102	1152	TAB #24, H100 Mode	127	102	1650	Page Select 0..8, Start Page
103	1161	TAB #33, Upper 5 1/3 Drawbar EG/Perc Mask Bit	127	103	1177	TAB #49, Lower Drawbar 5 1/3 to ADSR	127	103	1153	TAB #25, Envelope Generator (EG) Mode	127	103	1651	B3 Page/Preconfig (MIDI)
104	1162	TAB #34, Upper 8 Drawbar EG/Perc Mask Bit	127	104	1178	TAB #50, Lower Drawbar 8 to ADSR	127	104	1154	TAB #26, EG Percussion Drawbar Mode	127	104	1652	
105	1163	TAB #35, Upper 4 Drawbar EG/Perc Mask Bit	127	105	1179	TAB #51, Lower Drawbar 4 to ADSR	127	105	1155	TAB #27, EG TimeBend Drawbar Mode	127	105	1653	H100 Page/Preconfig (MIDI)
106	1164	TAB #36, Upper 2 2/3 Drawbar EG/Perc Mask Bit	127	106	1180	TAB #52, Lower Drawbar 2 2/3 to ADSR	127	106	1156	TAB #28, H100 2ndVoice (Perc Decay Bypass)	127	106	1654	
107	1165	TAB #37, Upper 2 Drawbar EG/Perc Mask Bit	127	107	1181	TAB #53, Lower Drawbar 2 to ADSR	127	107	1157	TAB #29, H100 Harp Sustain	127	107	1655	EG Mode 1 Page/Preconfig (MIDI)
108	1166	TAB #38, Upper 1 3/5 Drawbar EG/Perc Mask Bit	127	108	1182	TAB #54, Lower Drawbar 1 3/5 to ADSR	127	108	1158	TAB #30, EG Enables to Dry Channel	127	108	1656	EG Mode 2 Page/Preconfig (MIDI)
109	1167	TAB #39, Upper 1 1/3 Drawbar EG/Perc Mask Bit	127	109	1183	TAB #55, Lower Drawbar 1 1/3 to ADSR	127	109	1159	TAB #31, Equalizer Bypass	127	109	1657	
110	1168	TAB #40, Upper 1 Drawbar EG/Perc Mask Bit	127	110	1184	TAB #56, Lower Drawbar 1 to ADSR	127	110	0		0	110	1658	
111	1169	TAB #41, Upper Mixture Drawbar 10 EG/Perc Mask Bit	127	111	1185	TAB #57, Lower Mixture Drawbar 10 to ADSR	127	111	0		0	111	1659	
112	1170	TAB #42, Upper Mixture Drawbar 11 EG/Perc Mask Bit	127	112	1186	TAB #58, Lower Mixture Drawbar 11 to ADSR	127	112	0		0	112	1660	Send only: Percussion/Dry Enables Color
113	1171	TAB #43, Upper Mixture Drawbar 12 EG/Perc Mask Bit	127	113	1187	TAB #59, Lower Mixture Drawbar 12 to ADSR	127	113	0		0	113	1661	Send only: EG Mode Color ADSR
114	0		0	114	0		0	114	0		0	114	1662	Send only: EG Mode Color PercDrawbars
115	0		0	115	0		0	115	0		0	115		
116	0		0	116	0		0	116	0		0	116		
117	0		0	117	0		0	117	0		0	117		
118	0	Split Mode vom Scan Driver	0	118	0		0	118	0		0	118	0	
119	0	Split Point vom Scan Driver	0	119	0		0	119	0		0	119	0	
120	0	SysEx-Daten vom Scan Driver	0	120	0		0	120	0		0	120	0	
121	0		0	121	0		0	121	0		0	121	0	
122	0		0	122	0		0	122	0		0	122	0	
123	0	All Notes Off	0	123	0	All Notes Off	0	123	0	All Notes Off	0	123	0	
124	0	Set MIDI CC (wenn 8 = dieser, enable CC-Resend)	0	124	0		0	124	0		0	124	0	
125	0		0	125	0		0	125	0		0	125	0	
126	0		0	126	0		0	126	0		0	126	0	
127	0		0	127	0		0	127	0		0	127	0	

Farb-Legende:

- Tabs/Switches (Boolean)
- Do not use
- Keine Parameter - nur MIDI!
- Store Functions
- OSC and extended Functions
- Rotary Sim:
- Pitchwheel > 73: FAST, < 53 = SLOW

OSC Push Buttons mit Release "0" senden!

**Not assigned to MIDI CC in KBP Set #8, for individual use:**

CC #	ParamNr	Description
1611		Store Defaults
1612		Store System Inits
1613		Store Extended Params
1614		Store Current Organ Model
1615		Store Current Speaker Model
		<b>Switch Indirect Drawbars</b>
1690		Switch Upper to Set 1
1691		Switch Upper to Set 2
1692		Select/Switch Upper to Set 1/2
1693		Switch Lower to Set 1
1694		Switch Lower to Set 2
1695		Select/Switch Lower to Set 1/2
		<b>Upper Indirect Drawbars 1</b>
1700		DB 0 Upper Drawbar 16
1701		DB 1 Upper Drawbar 5 1/3
1702		DB 2 Upper Drawbar 8
1703		DB 3 Upper Drawbar 4
1704		DB 4 Upper Drawbar 2 2/3
1705		DB 5 Upper Drawbar 2
1706		DB 6 Upper Drawbar 1 3/5
1707		DB 7 Upper Drawbar 1 1/3
1708		DB 8 Upper Drawbar 1
1709		DB 9 Upper Mixture Drawbar 10
1710		DB 10 Upper Mixture Drawbar 11
1711		DB 11 Upper Mixture Drawbar 12
		<b>Upper Indirect Drawbars 2</b>
1712		DB 0 Upper Drawbar 16
1713		DB 1 Upper Drawbar 5 1/3
1714		DB 2 Upper Drawbar 8
1715		DB 3 Upper Drawbar 4
1716		DB 4 Upper Drawbar 2 2/3
1717		DB 5 Upper Drawbar 2
1718		DB 6 Upper Drawbar 1 3/5
1719		DB 7 Upper Drawbar 1 1/3
1720		DB 8 Upper Drawbar 1
1721		DB 9 Upper Mixture Drawbar 10
1722		DB 10 Upper Mixture Drawbar 11
1723		DB 11 Upper Mixture Drawbar 12
		<b>Lower Indirect Drawbars 1</b>
1724		DB 0 Lower Drawbar 16
1725		DB 1 Lower Drawbar 5 1/3
1726		DB 2 Lower Drawbar 8
1727		DB 3 Lower Drawbar 4
1728		DB 4 Lower Drawbar 2 2/3
1729		DB 5 Lower Drawbar 2
1730		DB 6 Lower Drawbar 1 3/5
1731		DB 7 Lower Drawbar 1 1/3
1732		DB 8 Lower Drawbar 1
1733		DB 9 Lower Mixture Drawbar 10
1734		DB 10 Lower Mixture Drawbar 11
1735		DB 11 Lower Mixture Drawbar 12
		<b>Lower Indirect Drawbars 2</b>
1736		DB 0 Lower Drawbar 16
1737		DB 1 Lower Drawbar 5 1/3
1738		DB 2 Lower Drawbar 8
1739		DB 3 Lower Drawbar 4
1740		DB 4 Lower Drawbar 2 2/3
1741		DB 5 Lower Drawbar 2
1742		DB 6 Lower Drawbar 1 3/5
1743		DB 7 Lower Drawbar 1 1/3
1744		DB 8 Lower Drawbar 1
1745		DB 9 Lower Mixture Drawbar 10
1746		DB 10 Lower Mixture Drawbar 11
1747		DB 11 Lower Mixture Drawbar 12