



A Harman International Company

MPX 500 MIDI Bank/Program Change Values Chart

Here is the sequence of events that needs to happen for a MIDI program change in the MPX 500.

1. A bank select message (cc32 for us) must be received, followed by a value which determines which bank to change to.

The manual is clear here, by the chart on p.48, "MPX500 Program Banks."

2. A program change message must next be received, followed by a value which determines which program to change to.

Here is where the current manual can be misleading. In all the program description charts, pp.21-45, the program number given is the base program number, which is displayed by the MPX500 when that program is loaded. This is NOT the program number that is to be sent when selecting a program via MIDI. Like most MIDI devices, the MPX500 begins program enumeration at 0 for each new bank, for possible 128 programs per bank. If a user tries, for instance to select via MIDI program #70, one may easily assume that one needs to send a bank change of 8 to get the Chorus bank (as per chart on p.48), then send program change 70 to get Chorus1 (apparently as per chart on p.30). Actually a program change value of 0 needs to be sent because Chorus1 (program #70) is the first program in the Chorus bank (bank #8). A simple remedy would be another column in each program chart enumerating the programs' MIDI program change values, 0-x.

<u>(Bank), Program #, & Name</u>	<u>MIDI Bank Change (cc32) Value / MIDI Program Change Value</u>
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(PLATE)

1	Small Plate	0 / 0
2	Medium Plate	0 / 1
3	Large Plate	0 / 2
4	Tap PreDelay	0 / 3
5	Tape Slap	0 / 4
6	Rich Plate	0 / 5
7	Large & Bright	0 / 6
8	Vocal Plate	0 / 7
9	Drum Plate	0 / 8

(GATE)

10	StraightGate	1 / 0
11	Slope Down	1 / 1
12	Drum Gate	1 / 2
13	140ms TapPre	1 / 3
14	240ms TapPre	1 / 4
15	340ms TapPre	1 / 5
16	440ms TapPre	1 / 6
17	540ms TapPre	1 / 7
18	Inverse	1 / 8
19	Dark Inverse	1 / 9

(HALL)

20	Small Hall	2 / 0
21	Medium Hall	2 / 1
22	Large Hall	2 / 2
23	Small Church	2 / 3

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24	Large Church	2 / 4
25	Jazz Hall	2 / 5
26	Dance Hall	2 / 6
27	Synth Hall	2 / 7
28	Concert Hall	2 / 8
29	Gothic Hall	2 / 9

(CHAMBER)

30	Brick Wall	3 / 0
31	Basement	3 / 1
32	Live Concert	3 / 2
33	Drum Chamber	3 / 3
34	Moves on...	3 / 4
35	Live Chamber	3 / 5
36	Vocal Chambr1	3 / 6
37	VocalChambr2	3 / 7
38	Wide Chamber	3 / 8
39	PCM60: Large	3 / 9

(AMBIENCE)

40	Announcer	4 / 0
41	VerySmallAmb	4 / 1
42	SmallAmb	4 / 2
43	MidSizeAmb	4 / 3
44	Studio "D"	4 / 4
45	Bright Amb	4 / 5
46	Dark Amb	4 / 6
47	Marble Foyer	4 / 7
48	Smooth Amb	4 / 8
49	Guitar Amb	4 / 9

(ROOM)

50	Bedroom	5 / 0
51	Tiled Room	5 / 1
52	Studio "C"	5 / 2
53	Small Room	5 / 3
54	Studio "B"	5 / 4
55	Rehersal Room	5 / 5
56	Studio "A"	5 / 6
57	Large Room	5 / 7
58	Fat Space	5 / 8
59	Chunky Space	5 / 9

(TREMLOLO)

60	RectSineTap	6 / 0
61	Square Tap	6 / 1
62	Sine Tap Trpl	6 / 2
63	Triangle	6 / 3
64	Sawtooth	6 / 4

(ROTARY)

65	Rot:SlowFast	7 / 0
66	Rot Slow	7 / 1
67	Rot SpeedAdj	7 / 2
68	Rot TapRate1	7 / 3
69	Rot TapRate2	7 / 4

(CHORUS)

70	Chorus1	8 / 0
71	Chorus2	8 / 1
72	Chorus3	8 / 2
73	Slap Chorus1	8 / 3
74	Slap Chorus2	8 / 4

(FLANGE)

75	FIng Lite	9 / 0
76	FIng Lite180	9 / 1
77	FIng Med180	9 / 2
78	FIng Deep	9 / 3
79	FIng Deep180	9 / 4

(DETUNE)

80	Detune Mild	10 / 0
81	Detune Med&Warm	10 / 1
82	Detune Heavy	10 / 2
83	Detune Xtreme	10 / 3
84	Pitch Detune	10 / 4

(PITCH)

85	Pch Chrmtic	11 / 0
86	Pitch Fine	11 / 1
87	Pch 4th-5ths	11 / 2
88	Pch PowerInV	11 / 3
89	Vocal Chorus	11 / 4

(DELAY, ECHO)

90	Dly Mono Tap	12 / 0
91	DlyStereo Tap	12 / 1
92	Dly ShufITap	12 / 2
93	Dly Dot8 Tap	12 / 3
94	Dly 8+3plTap	12 / 4
95	Dly Pong Tap	12 / 5
96	Dly XfbkTap1	12 / 6
97	Dly XfbkTap2	12 / 7
98	Dly Mono	12 / 8
99	Dly Stereo	12 / 9
100	Dly TapeSlap	12 / 10
101	Multi Bounce	12 / 11
102	MultiInverse	12 / 12
103	Multi Linear	12 / 13
104	Multi Pong	12 / 14

(SPECIAL FX)

105	Infinite	13 / 0
106	The Abyss	13 / 1
107	Jet Flange	13 / 2
108	Chorus>Verb	13 / 3
109	TapRot Dly	13 / 4
110	Fader Verb	13 / 5
111	LowRumble	13 / 6
112	Ducker Verb	13 / 7
113	DuckerChorus	13 / 8

114	Ducker Xfeed	13 / 9
115	Echoes:Beats	13 / 10
116	Panning Dlys	13 / 11
117	DreamSequence	13 / 12
118	Infinite Dly	13 / 13
119	Diffusor	13 / 14

(FLANGE - DELAY)

120	FIng Tap	14 / 0
121	FIng .8Tap	14 / 1
122	FIng 3plTap	14 / 2
123	FIng PongTap	14 / 3
124	FIng Xfeed	14 / 4
125	FIng Bounce	14 / 5
126	FIng>Tap	14 / 6
127	FIng>Fbk	14 / 7
128	FIng>Pong	14 / 8
129	FIng>Bnce	14 / 9

(PITCH - DELAY)

130	5th Tap	15 / 0
131	8ve 3pTap	15 / 1
132	8ve 8+3plTap	15 / 2
133	3rd4thPong	15 / 3
134	4th5th Xfeed	15 / 4
135	5th6th Xfeed	15 / 5
136	8ve> Xfeed	15 / 6
137	5th>Xfeed	15 / 7
138	MajMin>Fbk	15 / 8
139	StepUp>Tap	15 / 9

(CHORUS - DELAY)

140	Chor Tap	16 / 0
141	Chor .8Tap	16 / 1
142	Chor 8+3pl	16 / 2
143	Chor Pong	16 / 3
144	Chor Repeat	16 / 4
145	Chor Bounce	16 / 5
146	Chor>Tap	16 / 6
147	Chor>Repeat	16 / 7
148	Chor>Pong	16 / 8
149	Chor>Bnce	16 / 9

(DELAY - REVERB)

150	Tap Small	17 / 0
151	3plTapMidSz	17 / 1
152	8+3pl Large	17 / 2
153	Pong Small	17 / 3
154	Xfeed MidSz	17 / 4
155	Xfeed Large	17 / 5
156	Tap> Room	17 / 6
157	8+3pl> Large	17 / 7
158	Xfeed> Room	17 / 8
159	Xfeed> Large	17 / 9

(FLANGE - REVERB)

160	LiteFI Smal	18 / 0
161	LiteFI MidSz	18 / 1
162	LiteFI Large	18 / 2
163	DeepFI Small	18 / 3
164	DeepFI MidSz	18 / 4
165	DeepFI Large	18 / 5
166	LiteFI > Small	18 / 6
167	LiteFI > Room	18 / 7
168	DeepFI >Large	18 / 8
169	DeepFI >Room	18 / 9

(PITCH - REVERB)

170	3rd4th Room	19 / 0
171	4th5th Room	19 / 1
172	5th6th Room	19 / 2
173	8ve MidSiz	19 / 3
174	Power MidSz	19 / 4
175	Detune Room	19 / 5
176	Fine > Small	19 / 6
177	Power>Large	19 / 7
178	4th > MidSiz	19 / 8
179	8ve> MidSiz	19 / 9

(CHORUS - REVERB)

180	Chor1 Small	20 / 0
181	Chor1 MidSiz	20 / 1
182	Chor1 Large	20 / 2
183	Chor2 Small	20 / 3
184	Chor2 MidSiz	20 / 4
185	Chor2 Large	20 / 5
186	Chor1 > Room	20 / 6
187	Chor2 > Room	20 / 7
188	Chor3 > Room	20 / 8
189	Chor1 > Small	20 / 9

(MONO SPLIT DLY)

190	FIng+Tap	21 / 0
191	FIng+Pong	21 / 1
192	FIng+Xfeed	21 / 2
193	FIng+Bnce	21 / 3
194	DeepFI+Dly	21 / 4
195	5th+Tap	21 / 5
196	8ve+3plTap	21 / 6
197	4th5th+Xfeed	21 / 7
198	5th6th+Xfeed	21 / 8
199	PchFine+Tap	21 / 9
200	Chor+Tap	21 / 10
201	Chor+Pong	21 / 11
202	Chor+Xfeed	21 / 12
203	Chor+Bnce	21 / 13
204	Chor+Inverse	21 / 14

(MONO SPLIT RVB)

205	Tap+MidSiz	22 / 0
206	Pong+Large	22 / 1
207	Bnce+MidSz	22 / 2

208	Xfeed+Small	22 / 3
209	Xfeed+MidSiz	22 / 4
210	LiteFL+MidSi	22 / 5
211	LiteFI+Large	22 / 6
212	DeepFI+Small	22 / 7
213	DeepFI+MidSz	22 / 8
214	DeepFI+Room	22 / 9
215	4th5th+Room	22 / 10
216	5th6th+Room	22 / 11
217	4ths+Large	22 / 12
218	8ve+MidSz	22 / 13
219	PchFin+MidSz	22 / 14
220	Chor1+Small	22 / 15
221	Chor1+Large	22 / 16
222	Chor2+MidSiz	22 / 17
223	Chor2+Large	22 / 18
224	Chor3+MidSiz	22 / 19

(DUAL MONO)

225	Tap Small	23 / 0
226	Tap MidSz	23 / 1
227	Tap Large	23 / 2
228	Tap Room	23 / 3
229	DeepFI Tap	23 / 4
230	DeepFI Dot8	23 / 5
231	8ves Tap	23 / 6
232	8ves 3pl	23 / 7
233	Chor2 Tap	23 / 8
234	Chor2 dot8	23 / 9
235	LiteFI Large	23 / 10
236	DeepFI Large	23 / 11
237	8ves MidSz	23 / 12
238	4ths Large	23 / 13
239	Chor1 Room	23 / 14
240	Chor2 Room	23 / 15

(USER) 24 / 0 - 29