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1 -----
2 Undocumented sysex messages
3 -----
4 The following sysex messages are not be documented in the MR MIDI System Exc
5
6 Undocumented Single Transmit Request (Appears to be similar to Command 03)
7
8     F0             System Exclusive Status Byte
9     0F             Ensoniq Manufacturer Code
10    09             MR Family ID Code
11
12    00             MR-Rack Model ID Code
13           or
14    01/02         MR-61/76 Model ID Code
15
16    nn             Device ID Number (0 to 127)
17
18    01             Undocumented Transmit Request Command
19    01             Single Sound Program Dump Request
20           or
21    02             Single Performance Dump Request
22           or
23    03             Single Drum Kit Program Dump Request
24
25    pp             Program Number (0 to 127)
26    bb             Bank Number (0 to 127)
27
28    F7             End of System Exclusive
29
30 The MR will respond to this command with the following SysEx message string:
31
32    F0             System Exclusive Status Byte
33    0F             Ensoniq Manufacturer Code
34    09             MR Family ID Code
35
36    00             MR-Rack Model ID Code
37           or
38    01/02         MR-61/76 Model ID Code
39
40    nn             Device ID Number (0 to 127)
41
42    02             Undocumented Transmit Request Reply Command
43    01             Single Sound Program Dump Request
44           or
45    02             Single Performance Dump Request
46           or
47    03             Single Drum Kit Program Dump Request
48
49    pp             Program Number (0 to 127)
50    bb             Bank Number (0 to 127)
51
52    bb             Data Block Size - 0   b06b05b04b03b02b01b00
53    bb             Data Block Size - 0   b13b12b11b10b09b08b07
54    bb             Data Block Size - 0   b20b19b18b17b16b15b14
55    bb             Data Block Size - 0   b27b26b25b24b23b22b21

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56      0b          Data Block Size - 0 0 0 0 b31b30b29b28
57
58      Start of Data Block
59
60      [Section 4.1 Data Structure] ( 4-to-5 Bulk SysEx Data Encoded
61
62      End of Data Block
63
64      kk          14-Bit Checksum - LSByte
65      kk          14-Bit Checksum - MSByte
66      F7          End of System Exclusive
67
68  Undocumented Current Sound/Performance Dump Messages (initiated from the fro
69
70      F0          System Exclusive Status Byte
71      0F          Ensoniq Manufacturer Code
72      09          MR Family ID Code
73
74      00          MR-Rack Model ID Code
75      or
76      01/02      MR-61/76 Model ID Code
77
78      nn          Device ID Number (0 to 127)
79
80      02          This Performance Transmit Request
81      01          This Part's Sound Dump Request
82      or
83      02          This Performance Dump Request
84      or
85      03          This Performance's Edit Kit Dump Request
86      F7          (Reserved?)
87      F7          (Reserved?)
88      ...
89
90  Undocumented Bulk Dump Messages (initiated from the front panel)
91
92      F0          System Exclusive Status Byte
93      0F          Ensoniq Manufacturer Code
94      09          MR Family ID Code
95
96      00          MR-Rack Model ID Code
97      or
98      01/02      MR-61/76 Model ID Code
99
100     nn          Device ID Number (0 to 127)
101
102     10          RAM Performance Bulk Dump
103     or
104     11          RAM Sounds Bulk Dump
105     or
106     02          System Settings Bulk Dump
107     ...
108
109  -----
110  MR Family Model Codes

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111 -----
112
113 My ZR-76 transmits a model code of 04 in response to the universal sysex ide
114 The model codes for the MR family appear to be:
115
116 00 = MR-Rack
117 01 = MR-61
118 02 = MR-76
119 03 = ZR-61 ???
120 04 = ZR-76
121
122 I'm making a guess that 03 was reserved for a ZR-61, but since a ZR-61 was n
123
124 Even though the ZR-76 identifies itself as an 04, it will not respond to sys
125
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