ROXX®

CLUSTER S1
High-power,
Pixel-mappable,
Hybrid, Strobe / Bar

S1 RGB PANEL PATTERN CHART
According to 27CH Easy Mode and 43CH Standard Mode

S1 RGB PANEL PATTERN CHART
DMX alligned with S2 Easy- and Standard Mode

S1 RGB PANEL PATTERN CHART (S2 inverted)

S1 RGB PANEL PATTERN CHART
According to 166CH Full Access Mode and 297CH Full Access Extended Mode

S1 RGB PANEL PATTERN CHART (S2 Mode)
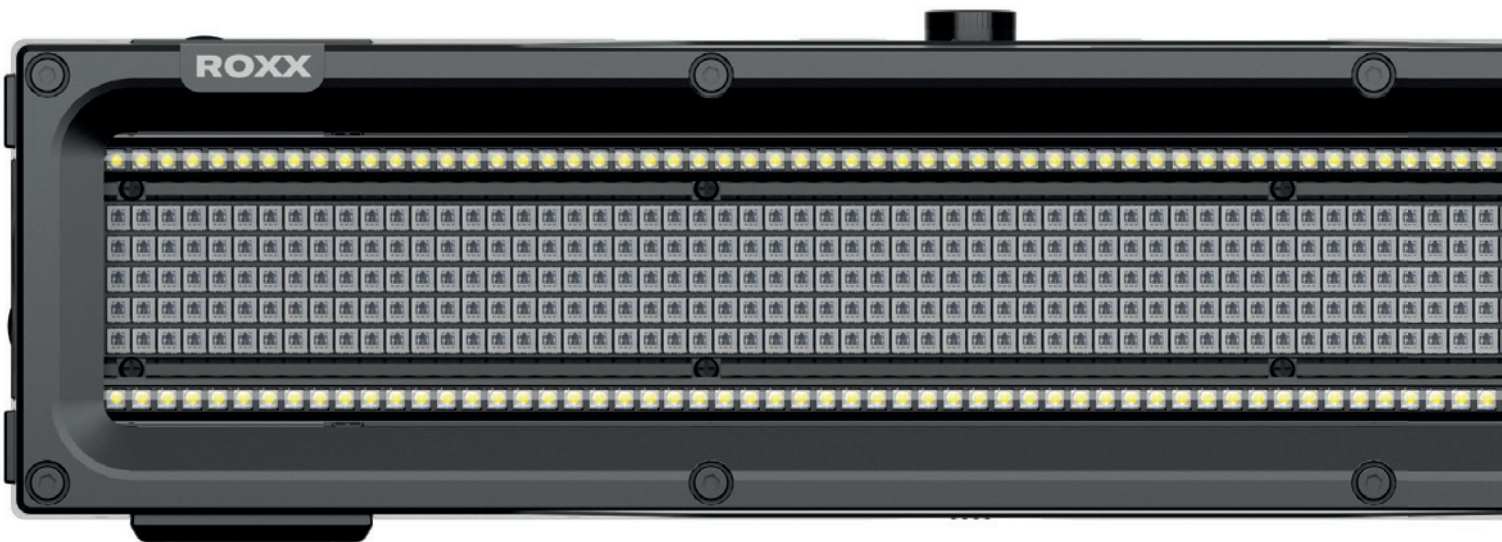DMX alligned with S2 Full Access Modes (+200)

S1 RGB PANEL PATTERN CHART (S2 inverted)
DMX alligned with S2 Full Access Modes (+200)

S1 SINGLE TUBE PATTERN CHART
According to all DMX Modes

S1 SINGLE TUBES PATTERN CHART
According to all DMX Modes

S1 SINGLE TUBE GROUP PATTERN CHART (S2 COMPATIBLE)
According to all DMX Modes

S1 SINGLE TUBE GROUP PATTERN CHART (S2 INVERTED)

ROXX®

S1 RGB PATTERN CHART
Easy- and Standard Mode

S1 RGB PANEL PATTERN CHART
According to 27CH Easy Mode and 43CH Standard Mode

■ON □OFF ▨ BLACK OUT

000-005 FULL ON

006 PULSE A1

007 PULSE A2

008 PULSE A3	011 PULSE A8	014 PULSE A16
009 PULSE A4	012 PULSE A10	015 PULSE A20
010 PULSE A6	013 PULSE A13	

016 PULSE A1I2

017 PULSE A2I2

018 PULSE A3I2	021 PULSE A6I2
019 PULSE A4I2	022 PULSE A7I2
020 PULSE A5I2	023 PULSE A9I2

024 PULSE A1I2 Mir

025 PULSE A2I2 Mir

026 PULSE A3I2 Mir	029 PULSE A6I2 Mir
027 PULSE A4I2 Mir	030 PULSE A7I2 Mir
028 PULSE A5I2 Mir	031 PULSE A9I2 Mir

032 PULSE A1I3

033 PULSE A2I3

034 PULSE A3I3	037 PULSE A6I3
035 PULSE A4I3	
036 PULSE A5I3	

038 PULSE A1I4

039 PULSE A2I4

040 PULSE A3I4
041 PULSE A4I4

042 PULSE A1I4 Mir

043 PULSE A2I4

044 PULSE A3I4 Mir
045 PULSE A4I4 Mir

046 PULSE A1I6

047 PULSE A2I6

048 PULSE A1I6 Mir

049 PULSE A2I6 Mir

050 BOUNCE A1

051 BOUNCE A2

052 BOUNCE A3	055 BOUNCE A8	058 BOUNCE A16
053 BOUNCE A4	056 BOUNCE A10	059 BOUNCE A20
054 BOUNCE A6	057 BOUNCE A13	

060 BOUNCE A1I2

061 BOUNCE A2I2

062 BOUNCE A3I2	065 BOUNCE A6I2
063 BOUNCE A4I2	066 BOUNCE A7I2
064 BOUNCE A5I2	067 BOUNCE A9I2

068 BOUNCE A1I2 Mir

069 BOUNCE A2I2 Mir

070 BOUNCE A3I2 Mir	073 BOUNCE A6I2 Mir
071 BOUNCE A4I2 Mir	074 BOUNCE A7I2 Mir
072 BOUNCE A5I2 Mir	075 BOUNCE A9I2 Mir

076 BOUNCE A1I3

077 BOUNCE A2I3

078 BOUNCE A3I3	081 BOUNCE A6I3
079 BOUNCE A4I3	
080 BOUNCE A5I3	

082 BOUNCE A1I4

083 BOUNCE A2I4

084 BOUNCE A3I4
085 BOUNCE A4I4

086 BOUNCE A1I4 Mir

087 BOUNCE A2I4 Mir

088 BOUNCE A3I4 Mir
089 BOUNCE A4I4 Mir

090 BOUNCE A1I6

091 BOUNCE A2I6

092 BOUNCE A1I6 Mir

093 BOUNCE A2I6 Mir

094 2BLOCKS 1/1

095 2BLOCKS 2/2

096 2BLOCKS 3/3

097 2BLOCKS 4/4
098 2BLOCKS 5/5
099 2BLOCKS 6/6

100 3BLOCKS 1/1

101 3BLOCKS 2/2

102 3BLOCKS 3/3

103 3BLOCKS 4/4

104 4BLOCKS 1/1

105 4BLOCKS 2/2

106 4BLOCKS 3/3

107 SLALOM 8

108 SLALOM 12

109 SLALOM 7I2

110 SLALOM 7I2 Inv

111 FILL OUT
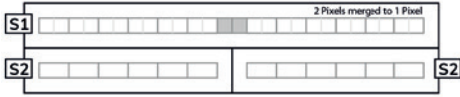
112 FILL IN

113-122 FULL OFF

ROXX ®

S1 RGB PATTERN CHART
Easy- and Standard Mode

S1 RGB PANEL PATTERN CHART (S2 Mode)
DMX alligned with S2 Easy- and Standard Mode

ON OFF BLACK OUT

S1 | 2 Pixels merged to 1 Pixel
S2 | | S2

123-128 FULL ON (S2)

129 PULSE A1 (S2)

130 PULSE A2 (S2)

131 PULSE A3 (S2)   133 PULSE A5 (S2)
132 PULSE A4 (S2)

134 PULSE A1I2 (S2)

135 PULSE A1I2 Mir(S2)

136 PULSE A1I2 (S2)

137 BOUNCE A1I3 (S2)

138 BOUNCE A1 (S2)

139 BOUNCE A2 (S2)

140 BOUNCE A3 (S2)
141 BOUNCE A4 (S2)

142 BOUNCE A1 inv (S2)

143 BOUNCE A2 inv (S2)

144 BOUNCE A3 inv (S2)
145 BOUNCE A4 inv (S2)

146 BOUNCE A1I2 (S2)

147 BOUNCE A1I2 inv (S2)

148 BOUNCE A2I2 Inv (S2)

149 BOUNCE A1I3 (S2)

150 BOUNCE A1I3 Inv (S2)

151- 160 FULL OFF

S1 RGB PANEL PATTERN CHART (S2 Inverted)

ON OFF BLACK OUT

S1 | 2 Pixels merged to 1 Pixel
S2 | NORMAL | INVERTED | S2

161 PULSE A1 (S2 Invert)
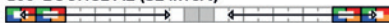
162 PULSE A2 (S2 Invert)

163 PULSE A3 Mir(S2)
164 PULSE A4 Mir S2)

165 BOUNCE A1 (S2 Invert)

166 BOUNCE A2 (S2 Invert)

167 BOUNCE A3 Mir(S2)
168 BOUNCE A4 Mir(S2)

169 BOUNCE A1I2 (S2 Invert))

170 BOUNCE A1I2 (S2 Invert)

171 BOUNCE A1I3 (S2 Invert)

172 -255 FULL OFF

S1 RGB PATTERN CHART
Full Access and Full Access Extended

S1 RGB PANEL PATTERN CHART
According to 166CH Full Access Mode and 297CH Full Access Extended Mode

■ ON   □ OFF   ▨ BLACK OUT

000-005 FULL ON

006 PULSE A1

007 PULSE A2

008 PULSE A3	011 PULSE A8	014 PULSE A16
009 PULSE A4	012 PULSE A10	015 PULSE A20
010 PULSE A6	013 PULSE A13	

016 PULSE A1I2

017 PULSE A2I2

018 PULSE A3I2	021 PULSE A6I2
019 PULSE A4I2	022 PULSE A7I2
020 PULSE A5I2	023 PULSE A9I2

024 PULSE A1I2 Mir

025 PULSE A2I2 Mir

026 PULSE A3I2 Mir	029 PULSE A6I2 Mir
027 PULSE A4I2 Mir	030 PULSE A7I2 Mir
028 PULSE A5I2 Mir	031 PULSE A9I2 Mir

032 PULSE A1I3

033 PULSE A2I3

034 PULSE A3I3	037 PULSE A6I3
035 PULSE A4I3	
036 PULSE A5I3	

038 PULSE A1I4

039 PULSE A2I4

040 PULSE A3I4
041 PULSE A4I4

042 PULSE A1I4 Mir

043 PULSE A2I4 Mir

044 PULSE A3I4 Mir
045 PULSE A4I4 Mir

046 PULSE A1I6

047 PULSE A2I6

048 PULSE A1I6 Mir

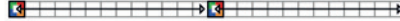**049 PULSE A2I6 Mir**

050 BOUNCE A1

051 BOUNCE A2

052 BOUNCE A3	055 BOUNCE A8	058 BOUNCE A16
053 BOUNCE A4	056 BOUNCE A10	059 BOUNCE A20
054 BOUNCE A6	057 BOUNCE A13	

060 BOUNCE A1I2

061 BOUNCE A2I2

062 BOUNCE A3I2	065 BOUNCE A6I2
063 BOUNCE A4I2	066 BOUNCE A7I2
064 BOUNCE A5I2	067 BOUNCE A9I2

068 BOUNCE A1I2 Mir

069 BOUNCE A2I2 Mir

070 BOUNCE A3I2 Mir	073 BOUNCE A6I2 Mir
071 BOUNCE A4I2 Mir	074 BOUNCE A7I2 Mir
072 BOUNCE A5I2 Mir	075 BOUNCE A9I2 Mir

076 BOUNCE A1I3

077 BOUNCE A2I3

078 BOUNCE A3I3	081 BOUNCE A6I3
079 BOUNCE A4I3	
080 BOUNCE A5I3	

082 BOUNCE A1I4

083 BOUNCE A2I4

084 BOUNCE A3I4
085 BOUNCE A4I4

086 BOUNCE A1I4 Mir

087 BOUNCE A2I4 Mir

088 BOUNCE A3I4 Mir
089 BOUNCE A4I4 Mir

090 BOUNCE A1I6

091 BOUNCE A2I6

092 BOUNCE A1I6 Mir

093 BOUNCE A2I6 Mir

094 2BLOCKS 1/1

095 2BLOCKS 2/2

096 2BLOCKS 3/3

097 2BLOCKS 4/4
098 2BLOCKS 5/5
099 2BLOCKS 6/6

100 3BLOCKS 1/1

101 3BLOCKS 2/2

102 3BLOCKS 3/3

103 3BLOCKS 4/4

104 4BLOCKS 1/1

105 4BLOCKS 2/2

106 4BLOCKS 3/3

107 SLALOM 8

108 SLALOM 12

109 SLALOM 7I2

110 SLALOM 7I2 Inv

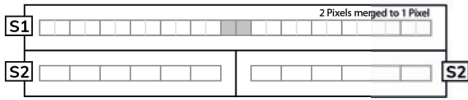**111 FILL OUT**

112 FILL IN

113-199 FULL OFF

ROXX ®

S1 RGB PATTERN CHART
Full Access and Full Access Extended

S1 RGB PANEL PATTERN CHART (S2 Mode)
DMX alligned with S2 Full Access Modes (+200)

■ ON ☐ OFF ▨ BLACK OUT

S1 | 2 Pixels merged to 1 Pixel
S2 | | S2

200-205 **FULL ON (S2)**

206 **PULSE A1 (S2)**

207 **PULSE A2 (S2)**

208 PULSE A3 (S2)   210 PULSE A5 (S2)
209 PULSE A4 (S2)

211 **PULSE A1I2 (S2)**

212 **PULSE A1I2 Mir(S2)**

213 **PULSE A2I2 (S2)**

214 **PULSE A1I3 (S2)**

215 **BOUNCE A1 (S2)**

216 **BOUNCE A2 (S2)**

217 BOUNCE A3 (S2)
218 BOUNCE A4 (S2)

219 **BOUNCE A1 Inv (S2)**

220 **BOUNCE A2 Inv (S2)**

221 BOUNCE A3 Inv (S2)
222 BOUNCE A4 Inv (S2)

223 **BOUNCE A1I2 (S2)**

224 **BOUNCE A1I2 Inv (S2)**

225 **BOUNCE A2I2 Inv (S2)**

226 **BOUNCE A1I3 (S2)**

227 **BOUNCE A1I3 Inv (S2)**

228-238 **FULL OFF**

S1 RGB PANEL PATTERN CHART (S2 inverted)
DMX alligned with S2 Full Access Modes (+200)

■ ON ☐ OFF ▨ BLACK OUT

S1 | 2 Pixels merged to 1 Pixel
S2 | NORMAL | INVERTED | S2

239 **PULSE A1 (S2 Invert)**

240 **PULSE A2 (S2 Invert)**

241 PULSE A3 (S2 Invert)
242 PULSE A4 (S2 Invert)

243 **BOUNCE A1 (S2 Invert)**

244 **BOUNCE A2 (S2 Invert)**

245 BOUNCE A3 (S2 Invert)
246 BOUNCE A4 (S2 Invert)

247 **BOUNCE A1I2 (S2 Invert)**

248 **BOUNCE A1I2 (S2 Invert)**

249 **BOUNCE A1I3 (S2 Invert)**

250 -255 **FULL OFF**

ROXX®

S1 SINGLE TUBE PATTERN CHART

S1 SINGLE TUBE PATTERN CHART
According to all DMX Modes

■ ON   □ OFF   ■ BLACK OUT

000-005 FULL ON

006 PULSE A1

007 PULSE A2

008 PULSE A3	011 PULSE A6	014 PULSE A9
009 PULSE A4	012 PULSE A7	015 PULSE A13
010 PULSE A5	013 PULSE A8	

016 PULSE A1I2

017 PULSE A2I2

018 PULSE A3I2	021 PULSE A6I2
019 PULSE A4I2	022 PULSE A7I2
020 PULSE A5I2	

023 PULSE A1I2 Mir

024 PULSE A2I2 Mir

025 PULSE A3I2	028 PULSE A6I2
026 PULSE A4I2	029 PULSE A7I2
027 PULSE A5I2	

030 PULSE A1I3

031 PULSE A2I3

032 PULSE A3I3
033 PULSE A4I3
034 PULSE A5I3

035 PULSE A1I4

036 PULSE A2I4

037 PULSE A3I4

038 PULSE A1I4 Mir

039 PULSE A2I4 Mir

040 PULSE A3I4 Mir

041 PULSE A1I6

042 PULSE A2I6

043 PULSE A1I6 Mir
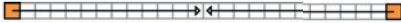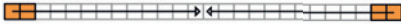
044 PULSE A2I6 Mir

045 BOUNCE A1

046 BOUNCE A2

047 BOUNCE A3	050 BOUNCE A6	053 BOUNCE A9
048 BOUNCE A4	051 BOUNCE A7	054 BOUNCE A13
049 BOUNCE A5	052 BOUNCE A8	

055 BOUNCE A1I2
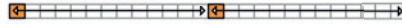
056 BOUNCE A2I2

057 BOUNCE A3I2	060 BOUNCE A6I2
058 BOUNCE A4I2	061 BOUNCE A7I2
059 BOUNCE A5I2	

062 BOUNCE A1I2 Mir

063 BOUNCE A2I2 Mir

064 BOUNCE A3I2 Mir	067 BOUNCE A6I2 Mir
065 BOUNCE A4I2 Mir	068 BOUNCE A7I2 Mir
066 BOUNCE A5I2 Mir	

069 BOUNCE A1I3

070 BOUNCE A2I3

071 BOUNCE A3I3
072 BOUNCE A4I3
073 BOUNCE A5I3

074 BOUNCE A1I4

075 BOUNCE A2I4

076 BOUNCE A3I4

077 BOUNCE A1I4 Mir

078 BOUNCE A2I4 Mir

079 BOUNCE A3I4 Mir

080 BOUNCE A1I6

081 BOUNCE A2I6

082 BOUNCE A1I6 Mir
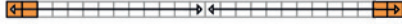
083 BOUNCE A2I6 Mir

084 2BLOCKS 1/1

085 2BLOCKS 2/2

086 2BLOCKS 3/3

087 2BLOCKS 4/4
088 2BLOCKS 5/5
089 2BLOCKS 6/6

090 3BLOCKS 1/1

091 3BLOCKS 2/2

092 3BLOCKS 3/3

093 3BLOCKS 4/4

094 4BLOCKS 1/1

095 4BLOCKS 2/2

096 4BLOCKS 3/3

097 SLALOM 8

098 SLALOM 12

099 SLALOM 7I2

100 SLALOM 7I2 Mir

101 FILL IN

102 FILL OUT
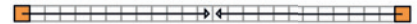
103-255 FULL OFF

ROXX ®

S1 SINGLE TUBE GROUP PATTERN CHART

S1 SINGLE TUBE GROUP PATTERN CHART
According to all DMX Modes

ON   OFF   BLACK OUT

000-005 FULL ON
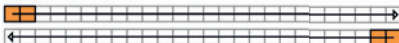
006 PULSE A1

007 PULSE A2

008 PULSE A3   011 PULSE A8
009 PULSE A4   012 PULSE A10
010 PULSE A6   013 PULSE A13

014 PULSE A1 Inv

015 PULSE A2 Inv

016 PULSE A3 Inv   019 PULSE A8 Inv
017 PULSE A4 Inv   020 PULSE A10 Inv
018 PULSE A6 Inv   021 PULSE A13 Inv

022 PULSE A1I2

023 PULSE A2I2

024 PULSE A3I2   027 PULSE A7I2
025 PULSE A4I2
026 PULSE A5I2

028 PULSE A1I2 Inv
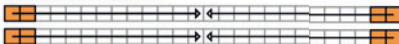
029 PULSE A2I2 Inv

030 PULSE A3I2 Inv   033 PULSE A7I2 Inv
031 PULSE A4I2 Inv
032 PULSE A5I2 Inv

034 PULSE A1I2 Mir
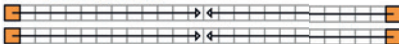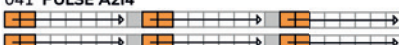
035 PULSE A2I2 Mir

036 PULSE A3I2 Mir   039 PULSE A7I2 Mir
037 PULSE A4I2 Mir
038 PULSE A5I2Mir

040 PULSE A1I3

041 PULSE A2I4

042 PULSE A3I3
043 PULSE A4I3
044 PULSE A5I3

045 PULSE A1I3 Inv

046 PULSE A2I4 Inv

047 PULSE A3I3 Inv
048 PULSE A4I3 Inv

049 BOUNCE A1

050 BOUNCE A2

051 BOUNCE A3   054 BOUNCE A8
052 BOUNCE A4   055 BOUNCE A10
053 BOUNCE A6   056 BOUNCE A13

057 BOUNCE A1 Inv

058 BOUNCE A2 Inv

059 BOUNCE A3 Inv   062 BOUNCE A8 Inv
060 BOUNCE A4 Inv   063 BOUNCE A10 Inv
061 BOUNCE A6 Inv   064 BOUNCE A13 Inv

065 BOUNCE A1I2

066 BOUNCE A2I2

067 BOUNCE A3I2   070 BOUNCE A7I2
068 BOUNCE A4I2
069 BOUNCE A5I2

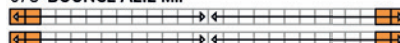**071 BOUNCE A1I2 Inv**

072 BOUNCE A2I2 Inv

073 BOUNCE A3I2 Inv   076 BOUNCE A7I2 Inv
074 BOUNCE A4I2 Inv
075 BOUNCE A5I2

077 BOUNCE A1I2 Mir

078 BOUNCE A2I2 Mir

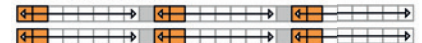079 BOUNCE A3I2 Mir   082 BOUNCE A7I2 Mir
080 BOUNCE A4I2 Mir
081 BOUNCE A5I2 Mir

083 BOUNCE A1I3

084 BOUNCE A2I3

085 BOUNCE A3I3
086 BOUNCE A4I3
087 BOUNCE A5I3

088 BOUNCE A1I3 Inv

089 BOUNCE A2I3 Inv

090 BOUNCE A3I3 Inv
091 BOUNCE A4I3 Inv

092 LOOP A1

093 LOOP A2

094 LOOP A4   097 LOOP A20
095 LOOP A8   098 LOOP A26
096 LOOP A13

099 LOOP B1

100 LOOP B2

101 LOOP B4
102 LOOP B8
103 LOOP B13

104 LOOP A1I2

105 LOOP A2I2

106 LOOP A4I2
107 LOOP A8I2
108 LOOP A13I2

109 LOOP A1I2 Mir

110 LOOP A2I2 Mir

111 LOOP A4I2 Mir
112 LOOP A8I2 Mir
113 LOOP A13I2 Mir

ROXX®

S1 SINGLE TUBE GROUP PATTERN CHART

S1 SINGLE TUBE GROUP PATTERN CHART
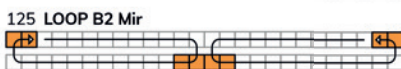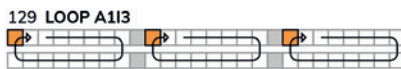### According to all DMX Modes

□ ON   □ OFF   ▨ BLACK OUT
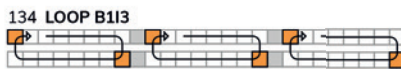
114 LOOP A1I2 Inv

115 LOOP A2I2 Inv

116 LOOP A4I2 Inv
117 LOOP A8I2 Inv
118 LOOP A13I2 Inv

119 LOOP B1I2

120 LOOP B2I2

121 LOOP B4I2
122 LOOP B6I2
123 LOOP B8I2

124 LOOP B1 Mir

125 LOOP B2 Mir

126 LOOP B4 Mir
127 LOOP B6 Mir
128 LOOP B8 Mir

129 LOOP A1I3

130 LOOP A2I3

131 BOUNCE A3I3
132 BOUNCE A4I3
133 BOUNCE A6I3

134 LOOP B1I3

135 LOOP B2I3

136 BOUNCE A3I3
137 BOUNCE A4I3
138 BOUNCE A6I3

139 TRAIN 1

140 TRAIN 3   143 TRAIN 13
141 TRAIN 6   144 TRAIN 20
142 TRAIN 8

145 SNAKE A1

146 SNAKE A2I3
147 SNAKE A3I3

148 SNAKE A1I2

149 SNAKE A2I2
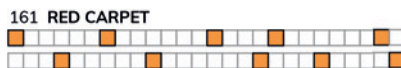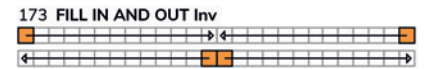150 SNAKE A3I2

151 SNAKE A1I2 Mir

152 SNAKE A2I2 Mir
153 SNAKE A3I2 Mir

154 WORM A1

155 WORM A2I3   158 WORM A6
156 WORM A3I3   159 WORM A8
157 WORM A4I3   160 WORM A10
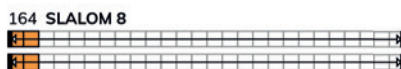
161 RED CARPET
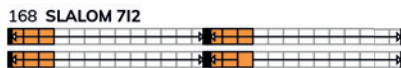
162 WELDING

163 RAIN

164 SLALOM 8

165 SLALOM 12

166 SLALOM 8 Inv

167 SNAKE 12 Inv

168 SLALOM 7I2

169 SLALOM 7I2 Inv

170 SLALOM 7I2 Mir

171 FILL IN

172 FILL OUT
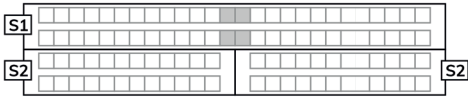
173 FILL IN AND OUT Inv

174-177 FULL OFF

ROXX ®

S1 SINGLE TUBE GROUP PATTERN CHART

S1 SINGLE TUBE GROUP PATTERN CHART (S2 Compatible)
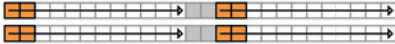### According to all DMX Modes

🔲 ON ☐ OFF ▨ BLACK OUT

S1 S2 S2

178-182 **FULL ON (S2)**

183 **PULSE A1 (S2)**

184 **PULSE A2 (S2)**

185 PULSE A3 (S2) 188 PULSE A6 (S2)
186 PULSE A4 (S2) 189 PULSE A7 (S2)
187 PULSE A5 (S2) 190 PULSE A8 (S2)

191 **BOUNCE A1 (S2)**

192 **BOUNCE A2 (S2)**

193 BOUNCE A3 (S2) 196 BOUNCE A6 (S2)
194 BOUNCE A4 (S2) 197 BOUNCE A7 (S2)
195 BOUNCE A5 (S2) 198 BOUNCE A8 (S2)

199 **LOOP A1 (S2)**

200 **LOOP A2 (S2)**

201 LOOP A4 (S2) 204 LOOP A12 (S2)
202 LOOP A6 (S2) 205 LOOP A18 (S2)
203 LOOP A9 (S2)

206 **LOOP B1 (S2)**

207 **LOOP B2 (S2)**

208 LOOP B3 (S2) 211 LOOP B6 (S2)
209 LOOP B4 (S2) 212 LOOP B8 (S2)
210 LOOP B5 (S2)

213 **RED CARPET**

214 **WELDING**

215 **RAIN**

216 **FILL IN (S2)**

217 **FILL OUT (S2)**

S1 SINGLE TUBE GROUP PATTERN CHART (S2 Inverted)

▨ ON ☐ OFF ▨ BLACK OUT

S1 S2 **NORMAL** **INVERTED** S2
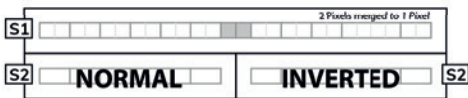
218 **PULSE A1 (S2 Invert)**

219 **PULSE A2 (S2 Invert)**

220 PULSE A3 (S2 Invert) 223 PULSE A6 (S2 Invert)
221 PULSE A4 (S2 Invert) 224 PULSE A7 (S2 Invert)
222 PULSE A5 (S2 Invert) 225 PULSE A8 (S2 Invert)

226 **BOUNCE A1 (S2 Invert)**

227 **BOUNCE A2 (S2 Invert)**

228 BOUNCE A3 (S2 Invert) 231 BOUNCE A6 (S2 Invert)
229 BOUNCE A4 (S2 Invert) 232 BOUNCE A7 (S2 Invert)
230 BOUNCE A5 (S2 Invert) 233 BOUNCE A8 (S2 Invert)

234 **LOOP A1 (S2 Invert)**

235 **LOOP A2 (S2 Invert)**

236 LOOP A4 (S2 Invert) 239 LOOP A12 (S2 Invert)
237 LOOP A6 (S2 Invert) 240 LOOP A18 (S2 Invert)
238 LOOP A9 (S2 Invert)

241 **LOOP B1 (S2 Invert)**

242 **LOOP B2 (S2 Invert)**

243 LOOP B3 (S2 Invert) 246 LOOP B6 (S2 Invert)
244 LOOP B4 (S2 Invert) 247 LOOP B8 (S2 Invert)
245 LOOP B5 (S2 Invert)

248-255 **FULL OFF (S2)**