

**Piano**

A 1 Piano 1 L  
 A 2 Piano 1 R  
 A 3 Piano 2 A  
 A 4 Piano 2 B  
 A 5 Piano 2 C  
 A 6 C Piano p  
 A 7 C Piano f

C 1 StGrand pA L  
 C 2 StGrand pA R  
 C 3 StGrand pB L  
 C 4 StGrand pB R  
 C 5 StGrand pC L  
 C 6 StGrand pC R  
 C 7 StGrand fA L  
 C 8 StGrand fA R  
 C 9 StGrand fB L  
 C 10 StGrand fB R  
 C 11 StGrand fC L  
 C 12 StGrand fC R  
 C 13 Ac Piano1 pL  
 C 14 Ac Piano1 pR  
 C 15 Ac Piano1 fL  
 C 16 Ac Piano1 fR  
 C 17 Ac Piano2 pA  
 C 18 Ac Piano2 pB  
 C 19 Ac Piano2 pC  
 C 20 Ac Piano2 fA  
 C 21 Ac Piano2 fB  
 C 22 Ac Piano2 fC  
 C 23 Piano Atk  
 C 24 MKS-20 P3 A  
 C 25 MKS-20 P3 B  
 C 26 MKS-20 P3 C

**E-Piano**

A 8 Vint.EP mp A  
 A 9 Vint.EP mp B  
 A 10 Vint.EP mp C  
 A 11 Vint.EP f A  
 A 12 Vint.EP f B  
 A 13 Vint.EP f C  
 A 14 Vint.EP ff A  
 A 15 Vint.EP ff B  
 A 16 Vint.EP ff C  
 A 17 Stage EP  
 A 18 Wurly mp  
 A 19 Wurly mf  
 A 20 Wurly f  
 A 21 Soft SA EP A  
 A 22 Soft SA EP B  
 A 23 Soft SA EP C  
 A 24 80's E.Pno 1  
 A 25 80's E.Pno 2  
 A 26 80's E.Pno 3  
 A 27 80's E.Pno 4  
 A 28 Hard E.Piano  
 A 29 FM E.Piano A  
 A 30 FM E.Piano B

A 31 FM E.Piano C  
 A 32 Huge MIDI

A 457 EP Atk

B 76 EP Hard  
 B 77 FM EP 1  
 B 78 FM EP 2  
 B 79 EP Distone

B 209 MK-80 EP A  
 B 210 MK-80 EP B  
 B 211 MK-80 EP C

C 27 SA EP A  
 C 28 SA EP B  
 C 29 SA EP C  
 C 30 Stage EP  
 C 31 Dyn EP1 mp A  
 C 32 Dyn EP1 mp B  
 C 33 Dyn EP1 mp C  
 C 34 Dyn EP1 mf A  
 C 35 Dyn EP1 mf B  
 C 36 Dyn EP1 mf C  
 C 37 Dyn EP1 ff A  
 C 38 Dyn EP1 ff B  
 C 39 Dyn EP1 ff C  
 C 40 Dyn EP2 mp  
 C 41 Dyn EP2 mf  
 C 42 Dyn EP2 ff  
 C 43 Wurly soft A  
 C 44 Wurly soft B  
 C 45 Wurly soft C  
 C 46 Wurly hard A  
 C 47 Wurly hard B  
 C 48 Wurly hard C  
 C 49 Wurly mp  
 C 50 Wurly mf  
 C 51 Wurly ff  
 C 52 E.Piano 1A  
 C 53 E.Piano 1B  
 C 54 E.Piano 1C  
 C 55 E.Piano 2A  
 C 56 E.Piano 2B  
 C 57 E.Piano 2C  
 C 58 Hard E.Pno  
 C 59 D-50 EP A  
 C 60 D-50 EP B  
 C 61 D-50 EP C

**Clavinet**

A 35 ClavDB Brt A  
 A 36 ClavDB Brt B  
 A 37 ClavDB Brt C  
 A 38 Clav Rls Nz  
 A 39 Clav Wave  
 A 40 Reg.Clav

C 63 Clav 1A  
 C 64 Clav 1B  
 C 65 Clav 1C

C 66 Clav 2A  
 C 67 Clav 2B  
 C 68 Clav 2C  
 C 69 Clav 3A  
 C 70 Clav 3B  
 C 71 Clav 3C  
 C 72 Clav 4  
 C 73 Clav Mute

C 595 Clav 5A  
 C 596 Clav 5B  
 C 597 Clav 5C

**Harpicord**

A 41 Harpsi A L  
 A 42 Harpsi A R  
 A 43 Harpsi B L  
 A 44 Harpsi B R  
 A 45 Harpsi C L  
 A 46 Harpsi C R

B 93 Harpsi Wave

C 74 HarpsiWave A  
 C 75 HarpsiWave B  
 C 76 HarpsiWave C

**Organ**

A 47 JLOrg1 Slw L  
 A 48 JLOrg1 Slw R  
 A 49 JLOrg1 Fst L  
 A 50 JLOrg1 Fst R  
 A 51 JLOrg2 Slw L  
 A 52 JLOrg2 Slw R  
 A 53 JLOrg2 Fst L  
 A 54 JLOrg2 Fst R  
 A 55 Rot.Org Fst  
 A 56 Organ Basic  
 A 57 Ballad Organ  
 A 58 Organ Wave 1  
 A 59 Organ Wave 2  
 A 60 Perc Organ 1  
 A 61 Perc Organ 2  
 A 62 B3 Perc 1 A  
 A 63 B3 Perc 1 B  
 A 64 B3 Perc 1 C  
 A 65 B3 Perc 2 A  
 A 66 B3 Perc 2 B  
 A 67 B3 Perc 2 C  
 A 68 Vint.Organ  
 A 69 Positive '8  
 A 70 Pipe Organ  
 A 71 CathedralOrg

A 456 Org Click

B 80 OrganWave 1  
 B 81 OrganWave 2  
 B 82 OrganWave 3  
 B 83 OrganWave 4

B 84 OrganWave 4+  
 B 85 OrganWave 5  
 B 86 OrganWave 6  
 B 87 TheaterOrg1L  
 B 88 TheaterOrg1R  
 B 89 TheaterOrg2  
 B 90 Positive '8

C 77 Jazz Organ  
 C 78 Organ 1  
 C 79 Organ 2  
 C 80 Organ 3  
 C 81 Organ 4  
 C 82 VK Organ 1  
 C 83 VK Organ 2  
 C 84 LoFi RtryOrg  
 C 85 60's Organ1  
 C 86 60's Organ2  
 C 87 Rock Organ  
 C 88 RockOrg1 A L  
 C 89 RockOrg1 A R  
 C 90 RockOrg1 B L  
 C 91 RockOrg1 B R  
 C 92 RockOrg1 C L  
 C 93 RockOrg1 C R  
 C 94 RockOrg2 A L  
 C 95 RockOrg2 A R  
 C 96 RockOrg2 B L  
 C 97 RockOrg2 B R  
 C 98 RockOrg2 C L  
 C 99 RockOrg2 C R  
 C 100 Rtry Org 1 L  
 C 101 Rtry Org 1 R  
 C 102 RockOrg3 A L  
 C 103 RockOrg3 A R  
 C 104 RockOrg3 B L  
 C 105 RockOrg3 B R  
 C 106 RockOrg3 C L  
 C 107 RockOrg3 C R  
 C 108 Rtry Org 2 L  
 C 109 Rtry Org 2 R  
 C 110 Pipe Organ  
 C 111 CathedralOrg

C 598 Dist. Organ  
 C 599 Rock lead 2

### Guitar

A 72 Nylon Gtr pA  
 A 73 Nylon Gtr pB  
 A 74 Nylon Gtr pC  
 A 75 Nylon Gtr fA  
 A 76 Nylon Gtr fB  
 A 77 Nylon Gtr fC  
 A 78 BrtN.Gtr p A  
 A 79 BrtN.Gtr p B  
 A 80 BrtN.Gtr p C  
 A 81 BrtN.Gtr f A  
 A 82 BrtN.Gtr f B  
 A 83 BrtN.Gtr f C  
 A 84 Pk Stl Gt p

A 85 Pk Stl Gt mf  
 A 86 Pk Stl Gt f  
 A 87 Steel Gtr  
 A 88 Bright Gtr A  
 A 89 Bright Gtr B  
 A 90 Bright Gtr C  
 A 91 Jazz Gtr 1 A  
 A 92 Jazz Gtr 1 B  
 A 93 Jazz Gtr 1 C  
 A 94 Jazz Gtr 2 A  
 A 95 Jazz Gtr 2 B  
 A 96 Jazz Gtr 2 C  
 A 97 BrightSTGtrA  
 A 98 BrightSTGtrB  
 A 99 BrightSTGtrC  
 A 100 ST Guitar  
 A 101 Clean Gtr A  
 A 102 Clean Gtr B  
 A 103 Clean Gtr C  
 A 104 Funk Gtr A  
 A 105 Funk Gtr B  
 A 106 Funk Gtr C  
 A 107 Nasty Gtr  
 A 108 TC Mute Gtr  
 A 109 Funk MtGtr A  
 A 110 Funk MtGtr B  
 A 111 Funk MtGtr C  
 A 112 Overdrive  
 A 113 Distortion  
 A 114 Dist Gtr A  
 A 115 Dist Gtr B  
 A 116 Dist Gtr C  
 A 117 Mute Dist  
 A 118 Harm Gtr 1  
 A 119 Harm Gtr 2

B 94 Nylon Gtr  
 B 95 ST Sust Gtr  
 B 96 FstPick70s

C 112 Soft Nylon A  
 C 113 Soft Nylon B  
 C 114 Soft Nylon C  
 C 115 Nylon Gtr A  
 C 116 Nylon Gtr B  
 C 117 Nylon Gtr C  
 C 118 Brt Nyln Gtr  
 C 119 Ac.Gtr mp  
 C 120 Ac.Gtr mf  
 C 121 Ac.Gtr ff  
 C 122 6-Str Gtr A  
 C 123 6-Str Gtr B  
 C 124 6-Str Gtr C  
 C 125 StlGtr ff A  
 C 126 StlGtr ff B  
 C 127 StlGtr ff C  
 C 128 StlGtr sld A  
 C 129 StlGtr sld B  
 C 130 StlGtr sld C  
 C 131 StlGtr Hrm A  
 C 132 StlGtr Hrm B  
 C 133 StlGtr Hrm C

C 134 Gtr Harm A  
 C 135 Gtr Harm B  
 C 136 Gtr Harm C  
 C 137 Jazz Gtr A  
 C 138 Jazz Gtr B  
 C 139 Jazz Gtr C  
 C 140 Mute Gtr 1  
 C 141 Mute Gtr 2A  
 C 142 Mute Gtr 2B  
 C 143 Mute Gtr 2C  
 C 144 Muters  
 C 145 Pop ST Gtr A  
 C 146 Pop ST Gtr B  
 C 147 Pop ST Gtr C  
 C 148 Bright STGtr  
 C 149 Clean Gtr  
 C 150 JC ST Gtr A  
 C 151 JC ST Gtr B  
 C 152 JC ST Gtr C  
 C 153 JC ST Gtr A+  
 C 154 JC ST Gtr B+  
 C 155 JC ST Gtr C+  
 C 156 ST Guitar A  
 C 157 ST Guitar B  
 C 158 ST Guitar C  
 C 159 Scrape Gut  
 C 160 ST Atk Gtr  
 C 161 OD Gtr A  
 C 162 OD Gtr B  
 C 163 OD Gtr C  
 C 164 OD Gtr A+  
 C 165 Overdrive  
 C 166 Heavy Gtr A  
 C 167 Heavy Gtr B  
 C 168 Heavy Gtr C  
 C 169 Heavy Gtr A+  
 C 170 Heavy Gtr B+  
 C 171 Heavy Gtr C+  
 C 172 PowerChord A  
 C 173 PowerChord B  
 C 174 PowerChord C  
 C 175 Gt.FretNoise  
 C 176 Syn Gtr A  
 C 177 Syn Gtr B  
 C 178 Syn Gtr C

### Harp

A 120 Harp A  
 A 121 Harp B  
 A 122 Harp C

B 97 Pluck Harp

C 179 Harp A  
 C 180 Harp B  
 C 181 Harp C

### Other String Instruments

A 123 Banjo

A 124 Sitar DroneA  
 A 125 Sitar DroneB  
 A 126 Sitar DroneC  
 A 127 E.Sitar A  
 A 128 E.Sitar B  
 A 129 E.Sitar C  
 A 130 Santur A  
 A 131 Santur B  
 A 132 Santur C  
 A 133 Yangqin  
 A 134 Shamisen  
 A 135 Koto A  
 A 136 Koto B  
 A 137 Koto C  
 A 138 Taisho Koto

C 182 Sitar  
 C 183 E.Sitar A  
 C 184 E.Sitar B  
 C 185 E.Sitar C  
 C 186 Taishokoto A  
 C 187 Taishokoto B  
 C 188 Taishokoto C  
 C 189 Dulcimer

#### Acoustic Bass

A 139 Ac Bass 1  
 A 140 Ac Bass 2

C 210 UprightBs 1  
 C 211 UprightBs 2A  
 C 212 UprightBs 2B  
 C 213 UprightBs 2C  
 C 214 Ac.Bass A  
 C 215 Ac.Bass B  
 C 216 Ac.Bass C  
 C 217 Fat Ac.Bass

#### Electric Bass

A 141 Fng.EB mf A  
 A 142 Fng.EB mf B  
 A 143 Fng.EB mf C  
 A 144 Fng.EB ff A  
 A 145 Fng.EB ff B  
 A 146 Fng.EB ff C  
 A 147 JzBass mp A  
 A 148 JzBass mp B  
 A 149 JzBass mp C  
 A 150 JzBass mf A  
 A 151 JzBass mf B  
 A 152 JzBass mf C  
 A 153 JzBass Pick  
 A 154 Slp.E.BassA  
 A 155 Slp.E.BassB  
 A 156 Slp.E.BassC  
 A 157 Jazz Slap A  
 A 158 Jazz Slap B  
 A 159 Jazz Slap C  
 A 160 Fretless A  
 A 161 Fretless B

A 162 Fretless C  
 C 190 Pick Bass1 A  
 C 191 Pick Bass1 B  
 C 192 Pick Bass1 C  
 C 193 Pick Bass2  
 C 194 Pick Bass3  
 C 195 Fingerd Bs A  
 C 196 Fingerd Bs B  
 C 197 Fingerd Bs C  
 C 198 FingerBs1 mf  
 C 199 FingerBs1 ff  
 C 200 FingerBs2 mf  
 C 201 FingerBs2 f  
 C 202 FngrCmp Bs  
 C 203 FingerBs3  
 C 204 E.Bass  
 C 205 Fretless A  
 C 206 Fretless B  
 C 207 Fretless C  
 C 208 Fretless Bs  
 C 209 Fretless Sft

C 218 Slap Bass 1  
 C 219 Slap Bass 2  
 C 220 Slap & Pop  
 C 221 Slap + Pull  
 C 222 Slap Bass 3  
 C 223 Slap Bass 4  
 C 224 Funk Bass1  
 C 225 Funk Bass2

C 600 P.Bass 2

#### Synth Bass

A 163 MG Bass 1  
 A 164 MG Bass 2  
 A 165 R&B Bass  
 A 166 MC Bass A  
 A 167 MC Bass B  
 A 168 MC Bass C  
 A 169 SynBass Wave  
 A 170 MG Bass A  
 A 171 MG Bass B  
 A 172 MG Bass C

C 226 Syn Bass  
 C 227 Mini Bs 1A  
 C 228 Mini Bs 1B  
 C 229 Mini Bs 1C  
 C 230 Mini Bs 2  
 C 231 Mini Bs 2+  
 C 232 MC-202 Bs A  
 C 233 MC-202 Bs B  
 C 234 MC-202 Bs C  
 C 235 SH-101 Bs

C 601 Syn Bass A  
 C 602 Syn Bass C

#### Wind, Reed

A 173 Flute Vib  
 A 174 Flute Fx  
 A 175 Piccolo 1 A  
 A 176 Piccolo 1 B  
 A 177 Piccolo 1 C  
 A 178 Piccolo 2  
 A 179 Pan Flute  
 A 180 Shakuhachi  
 A 181 Clarinet  
 A 182 Oboe Vib  
 A 183 Eng.Horn A  
 A 184 Eng.Horn B  
 A 185 Eng.Horn C  
 A 186 Bassoon A  
 A 187 Bassoon B  
 A 188 Bassoon C  
 A 189 Recorder 1 A  
 A 190 Recorder 1 B  
 A 191 Recorder 1 C  
 A 192 Recorder 2

B 91 Flute Wave  
 B 92 Flugel Wave

C 236 Flute A  
 C 237 Flute B  
 C 238 Flute C  
 C 239 Afro Flute A  
 C 240 Afro Flute B  
 C 241 Afro Flute C  
 C 242 PanPipeBrthA  
 C 243 PanPipeBrthB  
 C 244 PanPipeBrthC  
 C 245 Piccolo A  
 C 246 Piccolo B  
 C 247 Piccolo C  
 C 248 Rad Hose  
 C 249 Shakuhachi  
 C 250 Shaku Atk  
 C 251 Flute Push  
 C 252 Flute Atk A  
 C 253 Flute Atk B  
 C 254 Flute Atk C  
 C 255 Blues G-harp  
 C 256 Clarinet A  
 C 257 Clarinet B  
 C 258 Clarinet C  
 C 259 Oboe mf A  
 C 260 Oboe mf B  
 C 261 Oboe mf C  
 C 262 T\_Recorder A  
 C 263 T\_Recorder B  
 C 264 T\_Recorder C

C 603 Jazz Flute A  
 C 604 Jazz Flute B  
 C 605 Jazz Flute C

#### Sax

A 193 SopranoSax A

A 194 SopranoSax B  
 A 195 SopranoSax C  
 A 196 Alto Sax Vib  
 A 197 Tenor Sax  
 A 198 Bari.Sax A  
 A 199 Bari.Sax B  
 A 200 Bari.Sax C

C 265 Sop.Sax 1 A  
 C 266 Sop.Sax 1 B  
 C 267 Sop.Sax 1 C  
 C 268 Sop.Sax 2 p  
 C 269 Sop.Sax 2 mf  
 C 270 Sop.Sax 2 f  
 C 271 Alto Sax 1 A  
 C 272 Alto Sax 1 B  
 C 273 Alto Sax 1 C  
 C 274 Alto Sax 2p  
 C 275 Alto Sax 2mf  
 C 276 Alto Sax 2f  
 C 277 Solo Sax A  
 C 278 Solo Sax B  
 C 279 Solo Sax C  
 C 280 Tenor Sax 1A  
 C 281 Tenor Sax 1B  
 C 282 Tenor Sax 1C  
 C 283 Tenor Sax2p  
 C 284 Tenor Sax2mf  
 C 285 Tenor Sax2f  
 C 286 TenorBreathy  
 C 287 Bari.Sax 1 A  
 C 288 Bari.Sax 1 B  
 C 289 Bari.Sax 1 C  
 C 290 Bari.Sax 2p  
 C 291 Bari.Sax 2mf  
 C 292 Bari.Sax 2f

### Accordeon

A 201 Musette  
 A 202 Accord 4' A  
 A 203 Accord 4' B  
 A 204 Accord 4' C  
 A 205 Accord 8' A  
 A 206 Accord 8' B  
 A 207 Accord 8' C  
 A 208 Harmonica A  
 A 209 Harmonica B  
 A 210 Harmonica C  
 A 211 Blues G-harp

### Brass

A 212 Flugel A  
 A 213 Flugel B  
 A 214 Flugel C  
 A 215 Wide Tp A  
 A 216 Wide Tp B  
 A 217 Wide Tp C  
 A 218 Tp Vib  
 A 219 Mute Tp A  
 A 220 Mute Tp B

A 221 Mute Tp C  
 A 222 Mute Tp Harm  
 A 223 Mute Tp Nz  
 A 224 Trombone A  
 A 225 Trombone B  
 A 226 Trombone C  
 A 227 Sousaphone A  
 A 228 Sousaphone B  
 A 229 Sousaphone C  
 A 230 F.HornSolo A  
 A 231 F.HornSolo B  
 A 232 F.HornSolo C  
 A 233 F.Horns A  
 A 234 F.Horns B  
 A 235 F.Horns C  
 A 236 Tpt Sect. A  
 A 237 Tpt Sect. B  
 A 238 Tpt Sect. C  
 A 239 OctBrass A L  
 A 240 OctBrass A R  
 A 241 OctBrass B L  
 A 242 OctBrass B R  
 A 243 OctBrass C L  
 A 244 OctBrass C R  
 A 245 XP Brass  
 A 246 Brass Attack

B 184 LoveBrsliveL  
 B 185 LoveBrsliveR  
 B 186 ScoopSynBrslL  
 B 187 ScoopSynBrslR  
 B 188 80sBrslsect L  
 B 189 80sBrslsect R  
 B 190 Power JP L  
 B 191 Power JP R  
 B 192 JazzyBubbles

C 299 BrassSectA L  
 C 300 BrassSectA R  
 C 301 BrassSectB L  
 C 302 BrassSectB R  
 C 303 BrassSectC L  
 C 304 BrassSectC R  
 C 305 Tb Sect A  
 C 306 Tb Sect B  
 C 307 Tb Sect C  
 C 308 T.Sax Sect A  
 C 309 T.Sax Sect B  
 C 310 T.Sax Sect C  
 C 311 Trumpet 1A  
 C 312 Trumpet 1B  
 C 313 Trumpet 1C  
 C 314 Trumpet 2A  
 C 315 Trumpet 2B  
 C 316 Trumpet 2C  
 C 317 Trumpet 3p  
 C 318 Trumpet 3mf  
 C 319 Trumpet 3ff  
 C 320 Trumpet 4  
 C 321 HarmonMute A  
 C 322 HarmonMute B  
 C 323 HarmonMute C

C 324 Trombone 1  
 C 325 Trombone 2 A  
 C 326 Trombone 2 B  
 C 327 Trombone 2 C  
 C 328 Tuba A  
 C 329 Tuba B  
 C 330 Tuba C  
 C 331 French A  
 C 332 French C  
 C 333 F.Horns A  
 C 334 F.Horns B  
 C 335 F.Horns C

C 368 D-50 Brass A  
 C 369 D-50 Brass B  
 C 370 D-50 Brass C  
 C 371 D-50 BrassA+

### Orchester

A 247 OrchUnis A L  
 A 248 OrchUnis A R  
 A 249 OrchUnis B L  
 A 250 OrchUnis B R  
 A 251 OrchUnis C L  
 A 252 OrchUnis C R

C 293 OrcUnisonA L  
 C 294 OrcUnisonA R  
 C 295 OrcUnisonB L  
 C 296 OrcUnisonB R  
 C 297 OrcUnisonC L  
 C 298 OrcUnisonC R

### Strings Solo

A 253 Violin A  
 A 254 Violin B  
 A 255 Violin C  
 A 256 Violin Vib  
 A 257 Viola Vib  
 A 258 Cello Vib  
 A 259 Contrabass

C 336 Violin A  
 C 337 Violin B  
 C 338 Violin C  
 C 339 Cello 1 A  
 C 340 Cello 1 B  
 C 341 Cello 1 C  
 C 342 Cello 2 A  
 C 343 Cello 2 B  
 C 344 Cello 2 C  
 C 345 Cello Wave

### Strings Ensembles

A 260 Strings 1 L  
 A 261 Strings 1 R  
 A 262 Strings 2 AL  
 A 263 Strings 2 AR  
 A 264 Strings 2 BL

A 265 Strings 2 BR  
 A 266 Strings 2 CL  
 A 267 Strings 2 CR  
 A 268 Trem Str A L  
 A 269 Trem Str A R  
 A 270 Trem Str B L  
 A 271 Trem Str B R  
 A 272 Trem Str C L  
 A 273 Trem Str C R  
 A 274 Str Stacc AL  
 A 275 Str Stacc AR  
 A 276 Str Stacc BL  
 A 277 Str Stacc BR  
 A 278 Str Stacc CL  
 A 279 Str Stacc CR  
 A 280 Pizz p L  
 A 281 Pizz p R  
 A 282 Pizz f L  
 A 283 Pizz f R  
 A 284 Pizzagogo

C 346 Pizz  
 C 347 STR Attack A  
 C 348 STR Attack B  
 C 349 STR Attack C  
 C 350 DolceStr.A L  
 C 351 DolceStr.A R  
 C 352 DolceStr.B L  
 C 353 DolceStr.B R  
 C 354 DolceStr.C L  
 C 355 DolceStr.C R

### Synth Strings, Pads

A 285 MC Super Saw  
 A 286 Unison Saw A  
 A 287 Unison Saw B  
 A 288 Unison Saw C  
 A 289 Super Saw A  
 A 290 Super Saw B  
 A 291 Super Saw C  
 A 292 Trance Saw  
 A 293 Warm Pad A  
 A 294 Warm Pad B  
 A 295 Warm Pad C  
 A 296 SynStrings 1  
 A 297 SynStrings 2  
 A 298 SynStrings 3  
 A 299 PWM Wave 1  
 A 300 PWM Wave 2  
 A 301 D-50 HeavenA  
 A 302 D-50 HeavenB  
 A 303 D-50 HeavenC

B 114 FantasyPad 1  
 B 115 FantasyPad 2  
 B 116 FantasyPad 3  
 B 117 Fanta Synth  
 B 118 Legend Pad  
 B 119 D-50 Stack  
 B 120 Digi Crystal  
 B 121 PipeChatter1

B 122 PipeChatter2  
 B 123 PipeChatter3  
 B 124 Hollo Wave  
 B 125 JP Hollow L  
 B 126 JP Hollow R  
 B 127 VoiceHeavenL  
 B 128 VoiceHeavenR  
 B 129 Atmospheric  
 B 130 Air Pad 1  
 B 131 Air Pad 2  
 B 132 Air Pad 3  
 B 133 ChrdOfCnadaL  
 B 134 ChrdOfCnadaR  
 B 135 Fireflies  
 B 136 NewJupiter 1  
 B 137 NewJupiter 2  
 B 138 NewJupiter 3  
 B 139 NewJupiter 4  
 B 140 HPF Pad L  
 B 141 HPF Pad R  
 B 142 Digi Loop  
 B 143 Sweep Pad 1  
 B 144 Sweep Pad 2  
 B 145 Sweep Pad 3  
 B 146 Particles L  
 B 147 Particles R  
 B 148 Alan's Pad L  
 B 149 Alan's Pad R  
 B 150 Strings 1  
 B 151 Strings 2  
 B 152 Strings 3  
 B 153 Strings 4  
 B 154 JP8Strings L  
 B 155 JP8Strings R  
 B 156 Boreal Pad L  
 B 157 Boreal Pad R  
 B 158 Revalation  
 B 159 Sea Waves L  
 B 160 Sea Waves R  
 B 161 DlyReso Saw1  
 B 162 DlyReso Saw2  
 B 163 DlyReso Saw3  
 B 164 TranceSaws 1  
 B 165 TranceSaws 2  
 B 166 TranceSaws 3  
 B 167 Unison Saw  
 B 168 PWM Wave  
 B 169 SynStrings 1  
 B 170 SynStrings 2  
 B 171 SynStrings2+  
 B 172 SynStrings 3  
 B 173 SynStrings 4  
 B 174 Tekno Ld 1  
 B 175 NuWave  
 B 176 VintageStack  
 B 177 Tekno Ld 2  
 B 178 3Delay Poly  
 B 179 Poly Fat 1  
 B 180 Poly Fat 2  
 B 181 Poly Fat 3  
 B 182 Poly Key  
 B 183 LFO Poly

C 356 JP Strings1A  
 C 357 JP Strings1B  
 C 358 JP Strings1C  
 C 359 JP Strings2A  
 C 360 JP Strings2B  
 C 361 JP Strings2C  
 C 362 Trance Saw  
 C 363 Pulse Mod  
 C 364 Soft Pad A  
 C 365 Soft Pad B  
 C 366 Soft Pad C  
 C 367 D-50 Heaven

### Choir, Vocal

A 304 Syn Vox 1 A  
 A 305 Syn Vox 1 B  
 A 306 Syn Vox 1 C  
 A 307 Syn Vox 1 D  
 A 308 Syn Vox 2 A  
 A 309 Syn Vox 2 B  
 A 310 Syn Vox 2 C  
 A 311 Syn Vox 3  
 A 312 VP-330 Choir  
 A 313 Large Chr AL  
 A 314 Large Chr AR  
 A 315 Large Chr BL  
 A 316 Large Chr BR  
 A 317 Large Chr CL  
 A 318 Large Chr CR  
 A 319 Female Ahs A  
 A 320 Female Ahs B  
 A 321 Female Ahs C  
 A 322 Male Aahs A  
 A 323 Male Aahs B  
 A 324 Male Aahs C  
 A 325 Female Oohs  
 A 326 Jz Doos 1 A  
 A 327 Jz Doos 1 B  
 A 328 Jz Doos 1 C  
 A 329 JzDoos1 Lp A  
 A 330 JzDoos1 Lp B  
 A 331 JzDoos1 Lp C  
 A 332 Jz Doos 2 A  
 A 333 Jz Doos 2 B  
 A 334 Jz Doos 2 C  
 A 335 Jz Doos 2 Lp  
 A 336 JzVoice Doos  
 A 337 JzVoiceDat A  
 A 338 JzVoiceDat B  
 A 339 JzVoiceDat C  
 A 340 JzVoiceBop A  
 A 341 JzVoiceBop B  
 A 342 JzVoiceBop C  
 A 343 JzVoiceDow A  
 A 344 JzVoiceDow B  
 A 345 JzVoiceDow C  
 A 346 Gospel Hum A  
 A 347 Gospel Hum B  
 A 348 Gospel Hum C

B 61 Pop Voice  
 B 62 Org Vox  
 B 63 ZZZ Vox  
 B 64 Male Ooh  
 B 65 Female Aahs  
 B 66 FM Syn Vox  
 B 67 Doo  
 B 68 MMM Vox  
 B 69 Digital Vox  
 B 70 Spark Vox  
 B 71 SBF Vox  
 B 72 Aah Formant  
 B 73 Eeh Formant  
 B 74 lih Formant  
 B 75 Ooh Formant

C 372 Voice Aahs A  
 C 373 Voice Aahs B  
 C 374 Voice Aahs C  
 C 375 Voice Oohs1A  
 C 376 Voice Oohs1B  
 C 377 Voice Oohs1C  
 C 378 Voice Oohs2A  
 C 379 Voice Oohs2B  
 C 380 Voice Oohs2C  
 C 381 Choir A  
 C 382 Choir B  
 C 383 Choir C  
 C 384 Jazz Doos  
 C 385 Jz Doos Lp  
 C 386 Oohs Chord L  
 C 387 Oohs Chord R  
 C 388 Org Vox1 A  
 C 389 Org Vox1 B  
 C 390 Org Vox1 C  
 C 391 Org Vox2  
 C 392 Syn Vox  
 C 393 SBF Vox  
 C 394 Bell VOX  
 C 395 Soprano Vox

### Chromatic Percussion

A 33 Celesta  
 A 34 Music Box

A 349 Kalimba  
 A 350 Xylophone  
 A 351 Marimba  
 A 352 Vibraphone  
 A 353 Vibe Wave  
 A 354 Glocken 1  
 A 355 Glocken 2  
 A 356 Steel Drums  
 A 357 D-50 Bell A  
 A 358 D-50 Bell B  
 A 359 D-50 Bell C  
 A 360 D-50 Bell Lp

B 98 Xylo Wave  
 B 99 FM Mallet  
 B 100 Music Box 1

B 101 Music Box 2  
 B 102 KalimbaWave  
 B 103 Gamelan 1  
 B 104 Gamelan 2  
 B 105 Gamelan 3  
 B 106 Agogo  
 B 107 Crystal  
 B 108 Jupiter Bell  
 B 109 Icy Keys  
 B 110 ChasingBells  
 B 111 Chubby Ld  
 B 112 Fine Wine  
 B 113 FantaClaus

C 62 Celesta

C 396 Kalimba  
 C 397 Kalimba Atk  
 C 398 Wood Crak  
 C 399 Block  
 C 400 Log Drum  
 C 401 Hooky  
 C 402 Tabla  
 C 403 Marimba Wave  
 C 404 Bottle Hit  
 C 405 Glockenspiel  
 C 406 Vibraphone  
 C 407 Steel Drums  
 C 408 Pole lp  
 C 409 JD Cowbell  
 C 410 Chime  
 C 411 DIGI Chime

### Percussion

A 361 Agogo Bell  
 A 362 626 HiAgogo  
 A 363 626 LoAgogo  
 A 364 727 HiAgogo  
 A 365 727 LoAgogo  
 A 366 Finger Bell  
 A 367 TubularBell1  
 A 368 TubularBell2  
 A 369 Church Bell  
 A 370 Org Bell

A 371 2.2 Vibwave  
 A 372 Bell Wave  
 A 373 JD DIGIChime

C 563 Cowbell  
 C 564 Wood Block  
 C 565 Claves  
 C 566 Bongo Hi  
 C 567 Bongo Lo  
 C 568 Cga Open Hi  
 C 569 Cga Open Lo  
 C 570 Cga Mute Hi  
 C 571 Cga Mute Lo  
 C 572 Cga Slap  
 C 573 Timbale  
 C 574 Cabasa Up

C 575 Cabasa Cut  
 C 576 Maracas  
 C 577 Long Guiro  
 C 578 Tambourine  
 C 579 OpenTriangle  
 C 580 Cuica  
 C 581 Vibraslap  
 C 582 Timpani  
 C 583 Applause

C 588 Metronome 1  
 C 589 Metronome 2  
 C 590 MC500 Beep 1  
 C 591 MC500 Beep 2

C 592 REV Crash  
 C 593 Piano Thump  
 C 594 Piano Up TH

### Synth

A 374 Wire String  
 A 375 MG Saw HD  
 A 376 P5 Saw HD  
 A 377 TB303Saw HD  
 A 378 CS80 Saw HD  
 A 379 DigitalSawHD  
 A 380 JD Fat Saw  
 A 381 JP-8 Saw  
 A 382 Synth Saw  
 A 383 Calc.Saw  
 A 384 Calc.Saw inv  
 A 385 SyncSaw  
 A 386 GR-300 Saw 1  
 A 387 GR-300 Saw 2  
 A 388 VS-Ramp  
 A 389 Saw+Sub Wave  
 A 390 MG Sqr HD  
 A 391 P5 Sqr HD  
 A 392 TB-303Sqr HD  
 A 393 Juno Sqr HD  
 A 394 Fat Square  
 A 395 JP-8 Square  
 A 396 Sync Sqr  
 A 397 JP-8 Pls HD  
 A 398 Syn Pulse 1  
 A 399 Syn Pulse 2  
 A 400 JP-8 Pls  
 A 401 JP-8 Tri HD  
 A 402 Syn Triangle  
 A 403 JD Triangle  
 A 404 700 Triangle  
 A 405 Sync Tri  
 A 406 Lead Wave 1  
 A 407 Lead Wave 2  
 A 408 AP Sin HD  
 A 409 Calc Sin HD  
 A 410 2600 Sine  
 A 411 Sine  
 A 412 Cosine  
 A 413 JD Fine Wine  
 A 414 Sync Sweep

A 415 FM Brass	B 51 X-Mod Wave 5	C 450 Spectrum
A 416 Hollo Wave	B 52 X-Mod Wave 6	C 451 CrunchWind
A 417 Hollo Wave+	B 53 X-Mod Wave 7	C 452 Pitch Wind
A 418 SqrLeadWave	B 54 Pulsatron	C 453 JD Vox Noise
A 419 SqrLeadWave+	B 55 Thickness Bs	C 454 Vox Noise
A 420 DiphthongWave	B 56 Breakdown Bs	C 455 BreathNoise
A 421 DiphthongWv +	B 57 Pulse Bass	C 456 Pink Noise
A 422 Atmosphere	B 58 Dist TB	C 457 Tin Wave
A 423 MMG White Nz	B 59 Plastic Bass	
A 424 White Noise	B 60 Hollow Bass	
A 425 MMG Pink Nz		
	B 233 MG Tri Saw	C 606 Synth Reed
B 1 MG Saw 1	B 234 SH-101 SubOS	C 607 JD Syn Saw 2
B 2 MG Saw 2	B 235 JP-8 Tri	C 608 DualSquare A
B 3 Digital Saw	B 236 JP-8 Sine	C 609 DualSquare C
B 4 Ramp Wave	B 237 JX-8P Pulse	C 610 DualSquareA+
B 5 Lead Wave 1	B 238 Tuned X-Mod1	C 611 Sine
B 6 Lead Wave 2	B 239 Tuned X-Mod2	C 612 Voice Breath
B 7 Lead Wave 3	B 240 Tuned X-Mod3	C 613 Thrill
B 8 DistSaw Wave	B 241 Tuned X-Mod4	C 614 70s Snr
B 9 FeedbackWave	B 242 Tuned X-Mod5	C 615 Low P5 Saw
B 10 SubOSC Wave1	B 243 Tuned X-Mod6	C 616 REV Orch.Hit
B 11 SubOSC Wave2	B 244 Tuned X-Mod7	C 617 REV TeknoHit
B 12 SubOSC Wave3		C 618 REV Steel DR
B 13 Vib Wave	C 412 Can Wave 1	C 619 REV Tin Wave
B 14 Bell Wave 1	C 413 Can Wave 2	C 620 REV Timbale
B 15 Bell Wave 2	C 414 JD Spark VOX	
B 16 Digi Wave 1	C 415 Synth Saw	<b>Instrument</b>
B 17 Digi Wave 2	C 416 JP-8 Saw A	A 426 Harp Harm
B 18 Digi Wave 3	C 417 JP-8 Saw B	A 427 Blow Pipe
B 19 DIGI Bell	C 418 JP-8 Saw C	A 428 BottleBlow
B 20 DIGI Bell +	C 419 P5 Saw1 A	A 429 Ocarina
B 21 FM Bell	C 420 P5 Saw1 B	A 430 Shannai
B 22 Klack Wave	C 421 P5 Saw1 C	A 431 Bagpipe
B 23 Syn Sax	C 422 Juno Saw HD	A 432 Vibe AtkNz A
B 24 MIDI Clav	C 423 TB303 Saw HD	A 433 Vibe AtkNz B
B 25 Pulse Clav	C 424 Custm Saw HD	A 434 Vibe AtkNz C
B 26 Pulse Clav+	C 425 SH-2 Saw	
B 27 Cutters	C 426 LA-Saw	C 464 Shami
B 28 Nasty	C 427 P5 Saw2 A	C 465 Org Atk 1
B 29 Wave Table	C 428 P5 Saw2 B	C 466 Org Atk 2
B 30 Wally Wave	C 429 P5 Saw2 C	C 467 Org Click
B 31 Brusky Wave	C 430 D-50 Saw A	C 468 Switch
B 32 Wave Scan	C 431 D-50 Saw B	C 469 Tuba Slap
B 33 Bad Axe L	C 432 D-50 Saw C	C 470 Plink
B 34 Bad Axe R	C 433 Juno Sqr HD	C 471 Plunk
B 35 5th Wave	C 434 P5 Sqr HD	C 472 El.BassNz
B 36 Hip Lead	C 435 SH-2 Square	
B 37 Cutting Lead	C 436 LA-Square	<b>Guitar &amp; Bass Noises</b>
B 38 EQ Lead 1	C 437 JD SynPulse1	A 435 Gt&BsNz MENU
B 39 EQ Lead 2	C 438 JD SynPulse2	A 436 SteelGtrNz 1
B 40 EQ Lead 3	C 439 JD SynPulse3	A 437 SteelGtrNz 2
B 41 Buzz Cut	C 440 JD SynPulse4	A 438 SteelGtrNz 3
B 42 Sync Wave	C 441 JD SynPulse5	A 439 SteelGtrNz 4
B 43 Saw Sync	C 442 JP8 Pls 10HD	A 440 SteelGtrNz 5
B 44 Unison Sync	C 443 JP8 Pls 15HD	A 441 SteelGtrNz 6
B 45 Unison Sync+	C 444 JP8 Pls 25HD	A 442 SteelGtrNz 7
B 46 DsturbedSync	C 445 JP8 Pls 40HD	A 443 Gtr Fret Nz
B 47 X-Mod Wave 1	C 446 JP8 Pls 45HD	A 444 Cutting Nz
B 48 X-Mod Wave 2	C 447 700 Triangle	A 445 DistGtr Nz 1
B 49 X-Mod Wave 3	C 448 VS-Triangle	A 446 DistGtr Nz 2
B 50 X-Mod Wave 4	C 449 Wind Agogo	A 447 DistGtr Nz 3

A 448 DistGtr Nz 4  
 A 449 Dist Gtr Atk  
 A 450 Ac.Bass Nz 1  
 A 451 Ac.Bass Nz 2  
 A 452 Ac.Bass Body  
 A 453 El.Bass Nz 1  
 A 454 El.Bass Nz 2  
 A 455 Flute Pad Nz

**EFX**

A 458 TVF Trig  
 A 459 Applause  
 A 460 Thunder  
 A 461 Thunder Lp  
 A 462 Monsoon 1  
 A 463 Monsoon 2  
 A 464 Sea  
 A 465 River  
 A 466 Stream  
 A 467 Bubble  
 A 468 Bird Song  
 A 469 Dog Bark  
 A 470 Gallop  
 A 471 Vint.Phone  
 A 472 Office Phone  
 A 473 Door Creak  
 A 474 Door Slam  
 A 475 Door L  
 A 476 Door R  
 A 477 Car Engine  
 A 478 Engine Loop  
 A 479 Car Slip  
 A 480 Car Pass  
 A 481 Car Pass L  
 A 482 Car Pass R  
 A 483 Crash Seq.  
 A 484 Gun Shot 1  
 A 485 Gun Shot 2 L  
 A 486 Gun Shot 2 R  
 A 487 Machine Gun  
 A 488 Laser  
 A 489 Siren  
 A 490 Helicopter  
 A 491 Train Pass  
 A 492 Airplane  
 A 493 Space Voyage  
 A 494 Blow Loop  
 A 495 Xylo Seq.  
 A 496 Laugh  
 A 497 Scream  
 A 498 Punch  
 A 499 Heartbeat  
 A 500 Footsteps

**Hits**

A 501 Orch. Hit  
 A 502 Tao Hit  
 A 503 Punch Hit  
 A 504 O'Skool Hit  
 A 505 Philly Hit

A 506 Smear Hit  
 A 507 Strings Hit  
 A 508 ClassicHseHt

C 458 Orch. Hit  
 C 459 Tekno Hit  
 C 460 Back Hit

**Scratches**

A 509 Scratch 1  
 A 510 Scratch 2  
 A 511 Scratch 3  
 A 512 Scratch 4  
 A 513 Scratch 5  
 A 514 ScratchPush1  
 A 515 ScratchPush2  
 A 516 ScratchPull1  
 A 517 ScratchPull2

C 461 Scratch 1  
 C 462 Scratch 2  
 C 463 Scratch 3

**Zaps**

A 518 SH2 Zap 1  
 A 519 SH2 Zap 2  
 A 520 MG Zap 1  
 A 521 MG Zap 2  
 A 522 SH2 Zap 3  
 A 523 TB Blip

**Vocal EFX**

A 524 Ahh M  
 A 525 Hah F  
 A 526 Yeah F  
 A 527 C'mon Baby F  
 A 528 Wooh F

**Synth EFX, Drums, Percussion**

B 193 SynthFx 1  
 B 194 SynthFx 2  
 B 195 Anklungs  
 B 196 Rattles  
 B 197 Wind Chimes  
 B 198 Marimba Atk  
 B 199 Metal Attack  
 B 200 Strike Pole  
 B 201 Vinyl Noise  
 B 202 SynVox Noise  
 B 203 Agogo Noise  
 B 204 Polishing Nz  
 B 205 Dentist Nz  
 B 206 Throat Wind  
 B 207 Metal Wind  
 B 208 SBF Nz  
 B 212 FingerBell  
 B 213 Spectrum

B 214 Natural Snr  
 B 215 Ballad Snr  
 B 216 808 Snr  
 B 217 Hybrid Kick  
 B 218 70s Kick  
 B 219 909 Kick  
 B 220 Syn FX Loop  
 B 221 Low Pulse  
 B 222 Low Sine  
 B 223 Low Triangle  
 B 224 DC  
 B 225 REV PhillHit  
 B 226 REV RkRimpR  
 B 227 REV Thrill  
 B 228 REV FingSnap  
 B 229 REV Tamb  
 B 230 Syn Kick  
 B 231 Syn Snr 1  
 B 232 Syn Snr 2

B 245 Metro Bell  
 B 246 Metro Click  
 B 247 One  
 B 248 Two  
 B 249 Three  
 B 250 Four  
 B 251 Japanese 1  
 B 252 Japanese 2  
 B 253 Japanese 3  
 B 254 Japanese 4  
 B 255 Pi  
 B 256 Po  
 B 257 Stick

C 473 AmbientSN p  
 C 474 Rock Roll L  
 C 475 Rock Roll R  
 C 476 Brush Roll  
 C 477 Dry Stick 1  
 C 478 Dry Stick 2  
 C 479 Side Stick  
 C 480 Dry Kick  
 C 481 Rock Kick p  
 C 482 Rock Kick mf  
 C 483 Rock Kick f  
 C 484 Jazz Kick1p  
 C 485 Jazz Kick1mf  
 C 486 Jazz Kick1f  
 C 487 Jazz Kick 2  
 C 488 JazzDry Kick  
 C 489 Lite Kick  
 C 490 Hybrid Kick  
 C 491 Round Kick  
 C 492 MplLmtr Kick  
 C 493 Dance Kick  
 C 494 Rock Tom L p  
 C 495 Rock Tom M p  
 C 496 Rock Tom H p  
 C 497 Rock Tom L f  
 C 498 Rock Tom M f  
 C 499 Rock Tom H f  
 C 500 Rock Flm L

C 501 Rock Flm M  
 C 502 Rock Flm H  
 C 503 Jazz Tom L p  
 C 504 Jazz Tom M p  
 C 505 Jazz Tom H p  
 C 506 Jazz Tom L f  
 C 508 Jazz Tom H f  
 C 509 Jazz Flm L  
 C 510 Jazz Flm M  
 C 511 Jazz Flm H  
 C 512 Maple Tom 1  
 C 513 Maple Tom 2  
 C 514 808 Tom  
 C 515 Dry Tom Lo  
 C 516 Rock CIHH1 p  
 C 517 Rock CIHH1mf  
 C 518 Rock CIHH1 f  
 C 519 Rock CIHH2 p  
 C 520 Rock CIHH2mf  
 C 521 Rock CIHH2 f  
 C 522 Jazz CIHH1 p  
 C 523 Jazz CIHH1mf  
 C 524 Jazz CIHH1 f  
 C 525 Jazz CIHH2 p  
 C 526 Jazz CIHH2mf  
 C 527 Jazz CIHH2 f  
 C 528 CI HiHat  
 C 529 Rock OpHH p  
 C 530 Rock OpHH f  
 C 531 Jazz OpHH p  
 C 532 Jazz OpHH mf  
 C 533 Jazz OpHH f  
 C 534 Op HiHat  
 C 535 Jazz PdHH p  
 C 536 Jazz PdHH f  
 C 537 Pedal HiHat  
 C 538 606 CI HiHat  
 C 539 606 Op HiHat  
 C 540 808 Claps  
 C 541 Tight Claps  
 C 542 Hand Claps  
 C 543 Rock RdCym1p  
 C 544 Rock RdCym1f  
 C 545 Rock RdCym2p  
 C 546 Rock RdCym2f  
 C 547 Jazz RdCym p  
 C 548 Jazz RdCymmf  
 C 549 Jazz RdCym f  
 C 550 Ride  
 C 551 Ride Bell  
 C 552 Rock CrCym1p  
 C 553 Rock CrCym1f  
 C 554 Rock CrCym2p  
 C 555 Rock CrCym2f  
 C 556 Rock Splash  
 C 557 Jazz CrCym p  
 C 558 Jazz CrCym f  
 C 559 Crash Cymbal  
 C 560 Crash  
 C 561 Rock China  
 C 562 China Cym

**PCM-Sync Wave**

1 White Nz  
 2 Polishing Nz  
 3 Dentist Nz  
 4 Machine Nz  
 5 Tekno Lead  
 6 Syn Strings  
 7 Saw Sync  
 8 DistSaw Wave  
 9 Sync Wave  
 10 FeedbackWave  
 11 SubOSC Wave  
 12 Doo  
 13 MMM Vox  
 14 Digital Vox  
 15 Spark Vox  
 No. WaveName  
 16 Aah Formant  
 17 Eeh Formant  
 18 lih Formant  
 19 Ooh Formant  
 20 Bell Wave  
 21 Digi Wave 1  
 22 Digi Wave 2  
 23 Cutters  
 24 Bad Axe L  
 25 Bad Axe R  
 26 Vint. EP mp  
 27 X-Mod Wave 1  
 28 X-Mod Wave 2  
 29 X-Mod Wave 3  
 30 X-Mod Wave 4  
 31 X-Mod Wave 5  
 32 Sync Saw  
 33 Sync Squ  
 34 Sync Pulse  
 35 Sync Tri  
 36 Sync Sine  
 37 Organ Wave  
 38 Lead Wave 1  
 39 Lead Wave 2  
 40 Engine Nz 1  
 41 Engine Nz 2  
 42 Engine Nz 3  
 43 Engine Nz 4  
 44 MG Tri Saw  
 45 SH-101 SubOS  
 46 JP-8 Tri  
 47 JP-8 Sine  
 48 JX-8P Pulse