

midjay & midi player
live audio

Technical Tables



KETRON

POWER ON SET UP LIST

MIDI

Tx / Rx Parameters

MICROPHONE

Talk
Volume
Reverb
Echo
Equalizer (Low/Mid/High)

DSP

Reverb Type
Reverb Level
Chorus Type
Chorus Level
Delay Type
Distorsor Type
Main Equalizer (Low/High)

FOOTSWITCH LIST

Stop	Talk	Play List 0	Djl Arr.A
Start/Pause	Lead Mute	Play List 1	Djl Arr.B
Arr.A	Up Txt	Play List 2	Djl Arr.C
Arr.B	Down Txt	Play List 3	Djl Arr.D
Arr.C	Manual Bass	Play List 4	Djl Fill
Arr.D	Pianist	Play List 5	Djl Break
Fill	Voice +	Play List 6	Djl Ending
Break	Voice -	Play List 7	Right level +/-
Ending	File Up	Play List 8	Key start
Intro	File Down	Play List 9	Key stop
Vocalize	Enter	Djl Intro	Hold

DISK STYLES

16 Beat	12 Beat	Dance	Kramer	Liscio	Habanera
	Folksinger		On the Road		Jl Bachata
	Guitarclub				Latin Jazz
	Piano Ballad		Dance 80		Latin Pop
	Slow Ballad		Dance Hit		Latin Rock
	Slow Beat		Disco Fever		Mambo
	Slow Motion		Disco Latin		Merengue
	Smooth		Disco Night		Mexican
			Dj Samba		Milonga
			Gitanos		New Bolero
8 Beat	70 Beat	Latin	Latin Dance		N. Y. Merengue
	90 Beat		Noche Mix		Pasodoble 3-4
	Beat		Remix		Perez Mambo
	Easybeat 1		Rhumba Dance		Peruano
	Easybeat 2		Tekno		Pr Salsa
	Guitar&Organ		Toy Dance		Reggae
	Italbeat				Salsa Romantica
	Pubsong				Samba
Country	Shuffle Beat		Antilles		Soft Bossa
			Bachata		Son Antiguo
	Banjo&Fiddle		Balada		Vallenato
	Bluegrass		Batucada		
	Country Ballad		Brazil Bossa		
	Country Fox		Chacha		
	Country Rock		Cumbia		Beguine
	Country Slow		Cumbion		Mazurka
					Moderato

	Polka Slowaltz Tango Waltz		Hip-hop House Nice Pop Soft&Sweet Street Sweet Down Urban R&B		Rock Ballad Rock Shuffle Soul Usa Rock
Party	60's Revival Bailar Discocha Discosamba Hit Polka Hully Dance Hully Gully Italmambo Schlager Tropical	Rock&Roll	60's Pop Boogie Rock&Roll Scandbugg Slow Rock Surf Terzinato Twist	Swing	Foxdixie Foxtrot Jazz Combo Jazz Man Medium Fox New Orleans Orchestra Slow Quickstep Shuff. Ballad Shuff. Blues Swing
Pop&Funk	Acid Funk City Rap Disco Down Down Low Easydown Folk&Pop Fusion Groovin	Rock&Soul	Basic Rock B. B. Rock English Rock Hard Rock Memphis R&Blues	Traditional	English Walz Frmusette Oberpolka Oberwalz Quadriglia Rhumba Mix Tarantella

PRESET PROGRAM CHANGE

[Global & Right MIDI Channels]

P. Ch.	Control 0 - Value 0 Bank 1	Control 0 - Value 1 Bank 2	Control 0 - Value 2 Bank 3
001	Grand	Jingle	
002	Rock	Electric	
003	Upright	House	
004	Honky Tonky		
005	Rodes	El.Piano	Rode Low
006	Dx Piano	Vintage	Rodes Hi
007	Harpsichord	Mark Piano	
008	Clavinet		
009	Celesta		
010	Glocken		
011	Music Box		
012	Vibraphon		
013	Marimba		
014	Xylophon		
015	Tubalar Bell		
016	Santur		
017	Leslies	Rotary	Pop Organ
018	Jazz Organ 1	Jazz Organ 2	Jazzy
019	Rocker	Gospel	Fast B3
020	Church 3	Church 2	Church 1
021	Theatre	Tone Wheel	Click Organ
022	Musette	Master	Paris
023	Harmonica	Alpen	
024	Accordeon	Jazz Fisa	Tango
025	Gitana	Brazilian	Nylon
026	Country	Folk	12 Strings
027	Jazz Guitar	Pop Guitar	Pickup
028	Clear	Squire	Shadow
029	Muted	60Stopped	Rock Stops
030	Overdrive	Rock&Roll	Funky Guitar
031	Distorted	Hawaiian	Pedal Steel

P. Ch.	Control 0 - Value 0 Bank 1	Control 0 - Value 1 Bank 2	Control 0 - Value 2 Bank 3
032	Strato	Texas	Wha Guitar
033	Jazz Bass	Bass&Guitar	Subbas
034	Finger	El. Bass	Oberbass
035	Picked	Mute Bass	Tuba
036	Freetless	Motown	Wow Bass
037	Slap	Pop Bass	Bassfx
038	Funky Bass	60 Bass	Resobass
039	Synbass 1	Synbass 3	FM Bass
040	Synbass 2	Synbass 4	Synbass 5
041	Violin		
042	Viola		
043	Violas		
044	Legato		
045	Symphony		
046	Pizzicato	Marcato	
047	Harp		
048	Timpani		
049	Strings	Octastrings	
050	Slow Strings	Zivago	
051	Synstrings 1		
052	Synstrings 2		
053	Choir 1	Oooh	Warm Voice
054	Choir 2	Corale	Choir&Strings
055	Synvoice 1	Synvoice 2	
056	Hits		
057	Trumpet	Golden Tpt	Mexican
058	Trombone	Dixie Trumpet	Old Trombon
059	Euphonium	Tuba&Bass	Tijuana
060	Miles Mute	Cornet	Blare
061	French Horn	Flugel Horn	Salseros
062	Brass 1	Octabrass	Brass 2
063	Synbrass 1	Growlbrass	Fall Off
064	Synbrass 2	Synbrass 3	Trombones
065	Altosoft	Blowed	
066	Contralto	Circusax	
067	Tenorsax 1	Soparano	
068	Tenorsax 2	Baritono	
069	Oboe	Miller	
070	English Horn	Sax Section	
071	Bassoon	Sax&Brass	
072	Clarinet	Clarino	
073	Flute 1		
074	Flute 2		
075	Jungle Flute		
076	Panflute		
077	Bottle		
078	Shakuhashi		
079	Whistle		
080	Ocarina		
081	Square	Synt 1	Polysynth
082	Saw	Synt 2	Saw Wave
083	Calliope	Synt 3	Square Wave
084	Wha	Reso	Sine
085	Plate	Brassfx	Fx
086	Vox	Synpad	Maxisaw
087	Saw 5th	Rave	Synclead
088	FM Lead	Wow	Old Matrix
089	Fantasy		
090	Warmness		
091	Score		
092	Space		

093	Dark Pad	
094	Metal	
095	Halo Pad	
096	Sweep	
097	Magic Pad	
098	Glocken	
099	Wisper	
100	Atmosphere	
101	Brightness	
102	Flanger	
103	Bright	
104	Startheme	
105	Sitar	Mandolin
106	Banjo	Bouzouki
107	Shamisen	Ukulele
108	Koto	Fado
109	Kalimba	Charango
110	Bag Pipe	Tres
111	Fiddle	Lute
112	Zurna	
113	Tinkle	
114	Agogo	
115	Steeldrum	
116	Wood Block	
117	Taiko	
118	Melotom	
119	Syntom	
120	Reverse	
121	Freet Slide	
122	Breath	
123	Seashore	
124	Bird	
125	Telephone	
126	Helicopter	
127	Applause	
128	Gunshot	

PRESET VOICES

[Control 0 - Value 4 (whit Voice Tab Off) - Program Change 1-64 Only Global and Right MIDI Channel]

P. Ch.	Name	P. Ch.	Name	P. Ch.	Name	P. Ch.	Name
01	Grand piano	17	Liscio Sax	33	Distorted	49	Piano&Strings
02	El. Piano	18	Full	34	Vintage	50	Magic Tine
03	Dx Piano	19	Electric Guit	35	Rockorgan	51	Warmpad
04	Vibraphon	20	Tone Wheel	36	Shadow	52	Synbrass
05	Strings	21	Leslies	37	12Strings	53	Atmosphere
06	Brass	22	Blues	38	Texas	54	Fantasy
07	Jazz Organ	23	Miles Muted	39	Choir Uuh	55	Brightness
08	Rotary	24	Dixie Cornet	40	Choir Ooh	56	House Lead
09	Alto Sax	25	Brazilian	41	Philharmonic	57	Rave
10	Trumpet	26	Harmonica	42	Violins	58	Wiring
11	Musette	27	Cassotto	43	Church	59	Ethno
12	Flamenca	28	Pop Guitar	44	Blowed	60	Synstrings
13	Strato	29	Flugelhorn	45	Trombone	61	Octabras
14	Country	30	Growbrass	46	Clarinet	62	Sax ensemble
15	Flute	31	Glockpad	47	Pop Organ	63	Synvoices
16	Baritone	32	Analog	48	Theatre	64	Supersaw

DRUM 1

[Program Change 1-128]

P. Ch. Name

001 Standard
009 Folk
010 Acoustic
017 Rock
025 House
026 Techno
028 Progressive
029 Rave

P. Ch. Name

030 Hip-Hop
033 Fusion
041 Brush
049 Orchestra
057 Ms Drum
058 Pop
059 Rap
065 Latin 1

P. Ch. Name

066 Latin 2
073 R&Roll
121 Urban
122 Electro
123 Country
124 R&b

DRUM 2

[Control 0 - Value 4 - Program Change 1-72]

P. Ch. Name

01 Bachata
02 Bolero 1
03 Chacha
04 Cumbia
05 Guajira 1
06 Mambo
07 Salsa 1
08 Rhumba 1
09 Merengue 1
10 Merengue 2
11 Congas 1
12 Congas 2
13 Gipsy 1
14 Maracas 1
15 Tambourine
16 Brush
17 House
18 Rap 1
19 Rap 2
20 Jakson
21 Dance 1
22 Under
23 Ethnic 1
24 Ethnic 2

P. Ch. Name

25 Latingr 1
26 Latingr 2
27 Latingr 3
28 Latingr 4
29 Latingr 5
30 Latingr 6
31 Latingr 7
32 Latingr 8
33 Tekno 1
34 Tekno 2
35 Newage
36 Latinhouse
37 Slowbeat
38 Hip Hop 1
39 Pop
40 Vocals
41 Rock
42 Jazz 1
43 Shuffle 1
44 Jazz 2
45 Bossanova
46 Samba 1
47 Samba 2
48 Panderó 1

P. Ch. Name

49 Salsa 2
50 Eurolatin
51 Pop Down
52 Dance 2
53 Dance 3
54 Dance 4
55 Traditional
56 Bolero 2
57 Cumbia 2
58 Guajira 2
59 Rhumba 2
60 Merengue 3
61 Merengue 4
62 Congas 3
63 Congas 4
64 Gipsy 2
65 Maracas 2
66 Hip Hop 2
67 Jazz 3
68 Shuffle 2
69 Jazz 4
70 Samba 3
71 Samba 4
72 Panderó 2

P. Ch. Name

001 Grand
 002 Rock
 003 Upgrht
 004 Honky
 005 Rodes
 006 DxPno
 007 Harpsi
 008 Clavi
 009 Celest
 010 Glock
 011 M.Box
 012 Vibes
 013 Marimb
 014 Xyloph
 015 T. Bell
 016 Santur
 017 Leslies
 018 J.Org1
 019 Rocker
 020 Church
 021 Theatr
 022 Muset1
 023 Harmon
 024 Accord
 025 Gitana
 026 Cntry
 027 JazzGt
 028 Clean
 029 Muted
 030 Overdr
 031 Distor
 032 HarmGt
 033 Jazz
 034 Finger
 035 Picked
 036 Fretles
 037 Slap
 038 Funky
 039 Synba1
 040 Synba2
 041 Violin
 042 Viola
 043 Cello

P. Ch. Name

044 Contra
 045 Tremol
 046 Pizzic
 047 Harp
 048 Timpan
 049 Strings
 050 SlowS.
 051 Synst1
 052 Synst2
 053 Choir1
 054 Choir2
 055 Synvoi
 056 Hits
 057 Trump
 058 Tromb
 059 Euphon
 060 Miles
 061 F.Horn
 062 Brass1
 063 Synbr1
 064 Synbr2
 065 Alto 1
 066 Alto 2
 067 Tenor1
 068 Tenor2
 069 Oboe
 070 E.Horn
 071 Basson
 072 Clarin
 073 Piccol
 074 Flute1
 075 Flute2
 076 Panflu
 077 Bottle
 078 Shaku
 079 Whstle
 080 Ocarin
 081 Square
 082 Saw
 083 Calliop
 084 Wha
 085 Plate
 086 Vox

P. Ch. Name

087 Saw5th
 088 Fmlead
 089 Fantas
 090 Warm
 091 Score
 092 Space
 093 Dark
 094 Metal
 095 Halo
 096 Sweep
 097 Ice R.
 098 S.Trak
 099 Crysta
 100 Atmo
 101 Brigh
 102 Goblin
 103 Echo
 104 Star
 105 Sitar
 106 Banjo
 107 Shamis
 108 Koto
 109 Kalimb
 110 B.Pipe
 111 Fiddle
 112 Zurna
 113 Tinkle
 114 Agogo
 115 StDrum
 116 Block
 117 Taiko
 118 Melotm
 119 Syntom
 120 Revers
 121 Fret
 122 Breath
 123 Seasho
 124 Bird
 125 Teleph
 126 Helico
 127 Aplaus
 128 Gun

GM VOICES

Bank 1 [Control 0 - Value 1]

P. Ch. Name

001 Jingle
002 Electr
003 House
004 El.Pno
005 Vintag
006 Remap A06
007 Remap A06
008 Remap A06
009 Remap A09
010 Remap A10
011 Remap A11
012 L.Vibe
013 Remap A13
014 Remap A14
015 Remap A15
016 WindCh
017 Rotary
018 PopOrg
019 Drawb.
020 Pipe
021 Master
022 Alpen
023 J.Fisa
024 Remap A24
025 Brazil
026 Folk
027 FunkGt
028 60Stop
029 Remap A29
030 Remap A30
031 12Strg
032 Squire
033 El.Bas
034 Remap A34
035 Mute
036 Motown
037 Popbas
038 Synba3
039 Synba4
040 Synba5
041 Wiener
042 Violas
043 Remap A49

P. Ch. Name

044 Remap A49
045 Remap A49
046 Marcat
047 Remap B42
048 Legato
049 Remap A49
050 Remap A50
051 Remap A53
052 Remap A54
053 Oooh
054 Remap A54
055 Remap A55
056 Scat
057 GoldTp
058 Cornet
059 Tuba&B
060 OldTbn
061 Flugel
062 Brass2
063 Growb1
064 Remap A64
065 Hi Sax
066 Circus
067 Blowed
068 Remap A68
069 Mexic
070 Growb2
071 Blare
072 Remap A61
073 Clari 2
074 Remap A74
075 Attak
076 Remap A76
077 Remap A51
078 Flanger
079 Bright
080 Wiring
081 Wow
082 1Saw
083 1Squar
084 Sine
085 Remap A35
086 Remap A39

P. Ch. Name

087 Remap A40
088 Remap B40
089 2nd
090 3rd
091 Click
092 Remap A17
093 Remap A19
094 Remap B17
095 Remap A21
096 Remap A18
097 PopGtr
098 Remap A27
099 Strato
100 Texas
101 Shadow
102 Pickup
103 Stops
104 Wha
105 Hawaii
106 Mandol
107 Unplug
108 Buzuki
109 Steel
110 R&Roll
111 Fisa8'
112 Blow
113 Fx
114 Synt 1
115 Synt 2
116 Synt 3
117 Reso
118 BrasFx
119 Synpad
120 Rave
121 Empty
122 Empty
123 Empty
124 Empty
125 Empty
126 Empty
127 Empty
128 Empty

P. Ch. Name

001 Remap A01
 002 Remap A02
 003 Remap A03
 004 Remap A04
 005 Mark
 006 Remap A06
 007 RodesL
 008 RodesH
 009 Remap A09
 010 Remap A10
 011 Remap A11
 012 Remap A12
 013 Remap A13
 014 Remap A14
 015 Remap A15
 016 Remap A16
 017 Remap A17
 018 J.Org2
 019 Remap A19
 020 Remap A20
 021 Remap A21
 022 Muset2
 023 Remap A22
 024 Remap B22
 025 Nylon
 026 Remap A26
 027 Remap A27
 028 Remap A26
 029 Remap A29
 030 Remap B99
 031 Remap B26
 032 Remap A26
 033 Subbas
 034 Bs&Gtr
 035 Ober
 036 60'Bas
 037 Remap A34
 038 Tuba
 039 Remap B33
 040 Remap A40
 041 Remap A41
 042 Remap A42
 043 Remap A43

P. Ch. Name

044 Remap A44
 045 Remap A45
 046 Remap A46
 047 Remap A47
 048 Remap A48
 049 Remap A49
 050 Remap A50
 051 Remap A49
 052 Remap B42
 053 Magic
 054 Gloken
 055 Wisper
 056 Remap A56
 057 Dixie
 058 Op.Tbn
 059 Lips
 060 Tbones
 061 FallOf
 062 Remap A62
 063 Remap A63
 064 Octabr
 065 Remap A65
 066 Remap A66
 067 Remap A67
 068 Remap A68
 069 Remap A69
 070 Remap A70
 071 Remap A71
 072 Remap A72
 073 Remap A73
 074 Remap A74
 075 Remap A75
 076 Remap A76
 077 Remap A77
 078 Remap A78
 079 Remap A79
 080 Remap A80
 081 Remap A81
 082 Remap A82
 083 Remap A83
 084 Remap A84
 085 Remap A85
 086 Remap A86

P. Ch. Name

087 Remap A87
 088 Remap A88
 089 Remap A89
 090 Remap A90
 091 Remap A91
 092 Remap A92
 093 Remap A93
 094 Remap A94
 095 Remap A95
 096 Remap A96
 097 Remap A97
 098 Remap A98
 099 Remap A99
 100 Remap A100
 101 Remap A101
 102 Remap A102
 103 Remap A103
 104 Remap A104
 105 Remap A105
 106 Remap A106
 107 Remap A107
 108 Remap A108
 109 Remap A109
 110 Remap A110
 111 Remap A111
 112 Remap A112
 113 Remap A113
 114 Remap A114
 115 Remap A115
 116 Remap A116
 117 Remap A117
 118 Remap A118
 119 Remap A119
 120 Remap A120
 121 Remap A121
 122 Remap A122
 123 Remap A123
 124 Remap A124
 125 Remap A125
 126 Remap A126
 127 Remap A127
 128 Remap A128

MIDI IMPLEMENTATION

NOTE ON	9nH kk vv	n(0-0FH) midi channel, kk(01H-7FH)=NOTE ON vv=velocity(01H-7FH) (vv=0 means NOTE OFF)
NOTE OFF	8nH kk vv	n(0-0FH) midi channel, kk(01H-7FH)=NOTE OFF
PITCH BEND	9nH kk 00H	vv=don't care if command 8nH
	EnH bl bh	Pitch Bend as specified by bl(low) bh(high), bl=(00H-7FH),bh=(00H-7FH) 14 bit resolution. Maximum swing is +/-1 tone (default). (Can be changed using RPN 0000H) Center position is bl=00H bh=40H Min. bl=00H bh=00H, Max. bl=7FH bh=7FH
PROGRAM CHANGE	CnH pp	Program change. If n=09H Drumset change. Refer to voices or drumset list.
CHANNEL	DnH vv	vv=pressure value(00H-7FH).
AFTERTOUCH		see System excl. list for Aftertouch effect setting
CONTROL 00H	BnH 00H cc	Bank select. See voices list for details.
CONTROL 01H	BnH 01H cc	Modulation wheel. Rate, Assignment can be set using System excl.
CONTROL 05H	BnH 05H cc	Portamento time
CONTROL 06H	BnH 06H cc	Data Entry. Provides data to RPN NRPN
CONTROL 07H	BnH 07H cc	Volume
CONTROL 0AH	BnH 0AH cc	Pan. (Default 40H)
CONTROL 0BH	BnH 0BH cc	Expression. (Default 7FH)
CONTROL 40H	BnH 40H cc	Sustain. (Dumper pedal) On=7FH, Off=00H
CONTROL 41H	BnH 41H cc	Portamento. On/Off On=7FH, Off=00H
CONTROL 42H	BnH 42H cc	Sostenuto pedal On=7FH, Off=00H
CONTROL 43H	BnH 43H cc	Soft pedal On=7FH, Off=00H
CONTROL 5BH	BnH 5BH cc	Auxiliary channel1 Reverb send vv=00H-7FH
CONTROL 5DH	BnH 5DH cc	Auxiliary channel2 Effects send vv=00H-7FH (chorus,delay,distorcor)
CONTROL 77H	BnH 77H 00H	Reset all NRPN (see note 1).
CONTROL 78H	BnH 78H 00H	All sound off. (Abrut stop of sound on channel n)
CONTROL 79H	BnH 79H 00H	Reset all controllers
CONTROL 7BH	BnH 7BH 00H	All Notes Off
CONTROL 7EH	BnH 7EH 00H	Mono on
CONTROL 7FH	BnH 7FH 00H	Poly On (default)
CONTROL 54H	BnH 54H cc	Wha-Wha On/Off On=7FH Off=00h
CONTROL 55H	BnH 55H cc	Wha-Wha Amount cc=00H-7FH
CONTROL 1EH	BnH 1EH cc	Rotor cc=00H off, cc=40H slow, cc=7FH fast
CONTROL 1FH	BnH 1FH cc	Lyric color.
CONTROL 10H	BnH 10H 00H	Vocalizer midi mode on
CONTROL 11H	BnH 11H 08H	Vocalizer midi mode on
RPN 0000H	BnH 65H 00H 64H 00H	06H vv Pitch Bend sensivity in semitones (default vv=02H)
RPN 0001H	BnH 65H 00H 64H 01H	06H vv Fine tuning in cents. vv=00H (-100) vv=40h (0) vv=7FH (+100)
RPN 0002H	BnH 65H 00H 64H 02H	06H vv Coarse tuning in half-tones vv=00H (-64) vv=40H (0) vv=7FH (+64)
NRPN 0108H	BnH 63H 01H 62H 08H	06H vv Lfo1 Rate modify (vv=40H no modify)
NRPN 0109H	BnH 63H 01H 62H 09H	06H vv Dco Depth modify (vv=40H no modify)
NRPN 010AH	BnH 63H 01H 62H 0AH	06H vv Lfo1 Delay modify (vv=40H no modify)
NRPN 0110H	BnH 63H 01H 62H 10H	06H vv Lfo2 Rate modify (vv=40H no modify)
NRPN 0111H	BnH 63H 01H 62H 11H	06H vv Lfo2 Delay modify (vv=40H no modify)
NRPN 0112H	BnH 63H 01H 62H 12H	06H vv Dcf Depth modify (vv=40H no modify)
NRPN 0113H	BnH 63H 01H 62H 13H	06H vv Dca Depth modify (vv=40H no modify)
NRPN 0120H	BnH 63H 01H 62H 20H	06H vv TVF cutoff freq. modify (vv=40H no modify)
NRPN 0121H	BnH 63H 01H 62H 21H	06H vv TVF Resonance modify (vv=40H no modify)
NRPN 0130H	BnH 63H 01H 62H 30H	06H vv FM Amplitude1 (vv=40H no modify)
NRPN 0131H	BnH 63H 01H 62H 31H	06H vv FM Amplitude2 (vv=40H no modify)
NRPN 0132H	BnH 63H 01H 62H 32H	06H vv FM Amplitude3 (vv=40H no modify)
NRPN 0133H	BnH 63H 01H 62H 33H	06H vv FM Amplitude4 (vv=40H no modify)
NRPN 0163H	BnH 63H 01H 62H 63H	06H vv Env. attack time modify (vv=40H no modify)
NRPN 0164H	BnH 63H 01H 62H 64H	06H vv Env. decay time modify (vv=40H no modify)
NRPN 0166H	BnH 63H 01H 62H 66H	06H vv Env. release time modify (vv=40H no modify)
NRPN 016BH	BnH 63H 01H 62H 6BH	06H vv Env. sustain time modify (vv=40H no modify)
NRPN 18rrH	BnH 63H 18H 62H rr	06H vv Pitch Course of drum instr. in semitones rr=note vv=40H no modify (see note 2)
NRPN 19rrH	BnH 63H 19H 62H rr	06H vv Pitch Fine of drum instr. in semitones rr=note vv=00h no modify vv=7FH +1/2 tone (see note 2)
NRPN 1ArrH	BnH 63H 1AH 62H rr	06H vv Level of drum instr. note rr. vv=00h to 7FH (see note 2)
NRPN 1CrrH	BnH 63H 1CH 62H rr	06H vv Pan of drum instr. note rr. vv=00h to 7FH (see note 2)
NRPN 1DrrH	BnH 63H 1DH 62H rr	06H vv Reverb send level of drum instr. note rr. vv=00h to 7FH (see note 2)
NRPN 1ErrH	BnH 63H 1EH 62H rr	06H vv Chorus send level of drum instr. note rr. vv=00h to 7FH (see note 2)

SysEx	Description
F0 7E 7F 09 01 F7	GM Reset
F0 26 7B 00 00 Type F7	Rev Type 0 - Off 1- ROOM 2 - STUDIO 3 - CLUB 4- HALL 5- THEATRE 6- STAGE 7- ARENA
F0 26 7B 01 00 Type F7	Chor Type 0 - Off 1 - Chorur1 2 - Chorur2 3 - Chorur3 4 - Chorur4 5 - Chorur5 6 - Flanger 7 - Short Delay 8 - Feedback
F0 26 7B 02 00 Level F7	Reverb Level 0x00 -> 0x10
F0 26 7B 06 00 Type F7	Delay Type 0 - Off 1 - Echo1 2 - Echo2 3 - Echo3 4 - Echo4 5 - Echo5 6 - Echo6 7 - Echo7 8 - Echo8

F0 26 7B 11 00 Type F7	Distortion Type
	0 - Off
	1 - Dist1
	2 - Dist2
	3 - Dist3
	4 - Dist4
	5 - Dist5
	6 - Dist6
	7 - Dist7
	8 - Dist8
F0 26 7B 0B 00 Cod_Part Cod_Tipo F7	Type Effect Channel Assign
	0 - no effect
	1 - leslie
	2 - distorsor
	3 - chorus
	4 - delay
	5 - delay + chorus
	6 - distorsor + chorus
	7 - distorsor + delay
	8 - distorsor + delay + chorus
	Cod_Part va da [0..31]
F0 26 7B 3B 00 Level (00-7F) F7	Chorus Volume
F0 26 7B 74 00 Val.IDelay(00-7F) F7	Chorus Delay
F0 26 7B 75 00 Val.FeedBack(00-7F) F7	Chorus Feedback
F0 26 7B 76 00 Va.IRate(00-7F) F7	Chorus Rate
F0 26 7B 77 00 Val.Depth(00-7F) F7	Chorus Depth
F0 26 7B 2B 00 Val.Feedback(00-7F) F7	Delay feedback
F0 26 7B 2C 00 Val.Filter(00-68) F7	Delay Filter
F0 26 7B 29 00 Val.TimeCenter(00-7F) Val.TimeLeft(00-7F) Val.TimeRight(00-7F) F7	Delay Time
F0 26 7B 2A 00 Val.VolCenter(00-7F) Val.Vol.Left(00-7F) Val.Vol.Right(00-7F) F7	Delay Volume
F0 26 7B 22 00 Val.Vol(00-7F) F7	Dist Volume
F0 26 7B 25 00 Val.Tone(10-66) F7	Dist Tone
F0 26 7B 26 00 Val.Resonance(18-7F) F7	Resonance
F0 26 7B 50 00 Value(00=Off 7F=On) F7	Mirco ON/OFF
F0 26 7B 51 00 Value(00-7F) F7	Mirco Right volume

F0 26 7B 52 00 Value(00-7F) F7	Mirco Left Volume
F0 26 7B 53 00 Value(00-7F) F7	Mirco Right Pan
F0 26 7B 54 00 Value(00-7F) F7	Mirco Left Pan
F0 26 7B 55 00 Value(00-7F) F7	Mirco Righth Echo
F0 26 7B 56 00 Value(00-7F) F7	Mirco Left Echo
F0 26 7B 57 00 Value(00-7F) F7	Mirco Right Reverb
F0 26 7B 04 01 Value(34-40-4C) F7	Mirco EQ Low
F0 26 7B 05 01 Value(34-40-4C) F7	Mirco EQ Mid
F0 26 7B 06 01 Value(34-40-4C) F7	Mirco EQ Hi
F0 26 7B 58 00 Value(00-7F) F7	Mirco Left Reverb
F0 26 7B 0E 00 00 F7	GLOBAL GM RESET
F0 26 7B 0F 00 Part SetPart F7	SET PART, Drum o Voice Part 0..16 SetPart 0 - Voice 1 - Drum 2 - Drum2
F0 26 7B 78 00 Value(34-40-4C) F7	DSP Main LOW
F0 26 7B 7A 00 Value(34-40-4C) F7	DSP Main HI
F0 26 7B 03 00 Key F7	Split Keyboard Key [01 - 7F]
F0 26 7B 07 00 Transpose F7	Keyboard Transposer Range = [28H .. 58H] 40H = No Transposer
F0 26 7B 1B 00 Curve F7	Velocity curve Range = [0..5]
F0 26 7B 00 01 (Path+Name) 0x00 F7	Wave Start
F0 26 7B 01 01 Value(0x00..0x7F) F7	Wave Volume Ch1 (Slider Wave)
F0 26 7B 02 01 Value(0x00..0x7F) F7	Wave Volume Ch2 (Slider DjLoop)
F0 26 7B 03 01 Value(0x00= OFF,0x7F=ON) F7	Wave Lead Mute On/Off

F0 26 7B 07 01 Value([0x34..0x4C - 0x40 no transpose) F7	Wave KeyShift
F0 26 7B 08 01 Value(0x22..0x5E - 0x40 no tempo change) F7	Wave Tempo Change
F0 26 7B 09 01 Value(0x00=OFF, 0x7F=ON) F7 (NO)	Wave Freq Filter On/Off
F0 26 7B 0A 01 Value(0x00..0x7F) F7 (NO)	Wave Freq Filter Point
F0 26 7B 10 01 (Path+Name) 0x00 F7	Mp3 Start
F0 26 7B 11 01 Value(0x00..0x7F) F7	Mp3 Volume
F0 26 7B 12 01 Value(34-40-4C) F7	Mp3 Equalizer Low
F0 26 7B 13 01 Value(34-40-4C) F7	Mp3 Equalizer Hi
F0 26 7B 18 01 Mode[0..2] 0xF7	SetPlayMode
	* 0 - Mode mdKeyboard
	* 1 - Mode mdGMMidi
	* 2 - Mode mdAccordion
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F0 26 7B nTab 02 Status F7	Tabs
	Status =0x01H pressed
	Status =0x00H released
	Code:
	0x01= Lead Mute
	0x02=Voice
	0x03= Mode
	0x05= Lyrics
	0x06= Crossfade
	0x07= Registration
	0x08= PlayList
	0x09= Disk
	0x0A= Alphabetical
	0x0B= F0
	0x0C= F1
	0x0D= F2
	0x0E= F3
	0x0F= F4
	0x10= F5
	0x11= F6
	0x12= F7
	0x13= F8
	0x14= F9
	0x15= Tempo
	0x16= Transpose
	0x17= Split
	0x18= Record
	0x19= VoiceLevel
	0x1A= Start/Pause
	0x1B= Stop
	0x1C= Wave
	0x1D= Sfx
	0x1E= Style
	0x1F= MIDIFILE
	0x20= MP3
	0x21= MICRO
	0x22= Talk
	0x23= Fr Up
	0x24= Fr Left
	0x25= Enter
	0x26= Fr Righth
	0x27= Fr Down
	0x28= Enter
	0x29= Exit

Exclusive message

Assign GM Part Vocalizer

F0H 26H 7BH 33H 00H Part Value F7H

Part: 00H - 0FH GM Part
Value: 00H = Off
01H = Vocalizer assign part

Vocalizer Preset

F0H 26H 7BH 35H 00H Value F7H

Value: 0 = K. Right
Value: 1 = K. Left
Value: 8 = Midi

Vocalizer Active/Inactive

F0H 26H 7BH 36H 00H Value F7H

Value: 00H Inactive
7FH Active

Vocalizer Control change list

Vocalizer Reverb

Control: 91, Value (0 - 127)

Direct Volume

Control: 99, 96
Control: 98, 2
Control: 6, Value (0 - 127)

Vocalizer Volume

Control: 7, Value (0 - 127)

Octave Vocalizer Voices

Control: 99, 96
Control: 98, 10
Control: 6, Value (0 - 5)

Value: 0 = -2 Octave
1 = -1 Octave
2 = No transposer
3 = +1 Octave
4 = +2 Octave
5 = Automatic

Vibrato Depht

Control: 99, 100
Control: 98, 5
Control: 6, Value (0 - 127)

Vibrato Rate

Control: 99, 100
Control: 98, 6
Control: 6, Value (0 - 127)

Vibrato Delay

Control: 99, 100
Control: 98, 7
Control: 6, Value (0 - 127)

Singer Gender

Control: 99, 96
Control: 98, 11
Control: 6, Value (0 - 1)

Value: 0 = Man
1 = Woman

Eq. Low Microphone

Control: 99, 100
Control: 98, 20
Value: 6, Value (0 - 127)

Eq. Mid Microphone

Control: 99, 100

Control: 98, 21

Value: 6, Value (0 - 127)

Eq. High Microphone

Control: 99, 100

Control: 98, 22

Value: 6, Value (0 - 127)

Eq. Low Vocalizer

Control: 99, 100

Control: 98, 26

Value: 6, Value (0 - 127)

Eq. Mid Vocalizer

Control: 99, 100

Control: 98, 27

Control: 6, Value (0 - 127)

Eq. High Vocalizer

Control: 99, 100

Control: 98, 28

Control: 6, Value (0 - 127)

Volume Voice 1

Control: 99, 99

Control: 98, 4

Control: 6, Value (0 - 127)

Volume Voice 2

Control: 99, 99

Control: 98, 5

Control: 6, Value (0 - 127)

Volume Voice 3

Control: 99, 99

Control: 98, 6

Control: 6, Value (0 - 127)



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