
SX- **KN6500** REFERENCE GUIDE

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DISPLAY GUIDE



< SOUND >

PART SETTING
MIXER
TECHNI-CHORD
MASTER TUNING
KEY SCALING
SOUND LOAD OPTION

< REVERB & EFFECT >

MIC REVERB&EFFECT
SOUND LOAD OPTION
ALLOCATION
MIXER
SOUND DSP
MULTI
CHORUS
REVERB
EQUALIZER

< CONTROL >

INITIAL
OVERALL TOUCH SENSITIVITY
FOOT CONTROLLERS
MUSIC STYLE ARRANGER MODE
PANEL MEMORY MODE
FADE IN/OUT SETTING

< MIDI >

PART SETTING
CONTROL MESSAGES
REALTIME MESSAGES
COMMON SETTING
INPUT/OUTPUT SETTING
MIDI PRESETS
MODE SETTING
PROGRAM CHANGE MIDI OUT
PANEL MEMORY OUTPUT
COPUTER CONNECTION

< CUSTOMIZE >

HOME PAGE SETTING
FAVORITES SETTING
DISPLAY TIMEOUT
WALLPAPER SETTING
CUSTOM PANEL MODE
MIDI SETTING LOAD OPTION
DATA PROTECTION
LANGUAGE SETTING
DISK PREFERENCES

< SOUND EDIT >

EASY EDIT
TONE
AMPLITUDE
PITCH
FILTER
LFO
EFFECT
CONTROLLER

< SEQUENCER >

RECORD&EDIT
REALTIME RECORD
PUNCH RECORD
STEP RECORD
TRACK ASSIGN
QUANTIZE
SONG SELECT
SONG CLEAR
TRACK CLEAR
NOTE EDIT
DRUM EDIT
AFTER TOUCH SETTING
COPY&PASTE
TRACK COPY
SONG COPY
TRACK MERGE
TRACK CLEAR
SONG CLEAR
MEASURE COPY
MEASURE ERASE
MEASURE DELETE
MEASURE INSERT
APC TO SMF CONVERT
RANGE EDIT
QUANTIZE
NOTE CHANGE
VELOCITY CHANGE
TRANPOSE
ADVANCE/DELAY
NAMING
PANEL WRITE

< COMPOSER >

RECORDING MEMORY A
RECORDING MEMORY B
RECORDING MEMORY C
EASY COMPOSER
PATTERN COPY
CUSTOM STYLE COPY
SEQ TO COMPOSER COPY
LOAD SINGLE COMPOSER

< PERFORMANCE PADS >

RECORDING BANK A
RECORDING BANK B
RECORDING BANK C
COMPILE SET
PHRASE COPY
SEQ TO PAD COPY



< DISK >

DISK TOOLS
PREFERENCES
STYLE CONVERT
CUSTOM STYLE LOAD/SAVE
LOAD
SAVE
DIRECT PLAY
SONG MEDLEY

EASY SETTING (Press and hold)



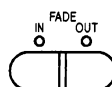
→ TECHNI-CHORD



→ CUSTOMIZE MENU



→ REVERB



→ FADE IN/OUT SETTING



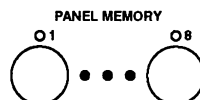
→ MULTI EFFECT



→ PANEL MEMORY MODE



→ CHORUS



→ PANEL MEMORY BANK VIEW



→ SOUND DSP



→ MUSIC STYLE ARRANGER MODE



→ MEDLEY PLAY



→ LOAD



→ COMPOSER LOAD

SOUND

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
PIANO			
Piano	32	0	1
Concert Grand	32	1	1
Piano Mono	32	16	1
Mono Grand	32	17	1
Upright Piano	32	32	1
Bright Piano	32	0	2
Pop Grand	32	1	2
BrightPiano Mono	32	16	2
Mellow Piano	32	48	1
Mellow Grand	32	49	1
MellowPiano Mono	32	56	1
Baby Grand	32	40	1
Piano 1 Octave	32	64	1
Piano 2 Octave	32	72	1
Rock Piano	32	32	2
Dance Piano	32	40	2
Hard Stage Piano	32	36	2
Honky-Tonk Piano	32	0	4
Old Piano	32	8	4
Jangle Piano	32	16	4
ELECTRIC PIANO			
Electric Grand	32	0	3
Vintage E.P.1	32	0	5
Vintage E.P.2	32	4	5
Suitcase E.P.	32	16	5
Tremolo E.Piano	32	64	5
Wurly E.Piano	32	32	5
New EP Routes	32	48	5
Hard Tines E.P.	32	20	5
Moved Tines E.P.	32	21	5
Clava E.P.	32	8	5
Gentle E.P.	32	24	5
Modulated E.P.	40	24	5
Studio E.P.	32	28	5
EP Wah Wah	40	28	5
Mellow Tines E.P	32	6	6
Modern E.P.	32	0	6
Modern Suitcase	32	24	6
Pop E.P.	32	16	6
Crystal E.P.	32	20	6
Shining E.P.	32	48	6
Solid E.P.	32	88	6
Old & New E.P.	32	80	5
Midi Grand 1	32	48	2
Midi Grand 2	32	49	2
Mallet Grand	32	80	3
Groovy Stack	32	80	4
HARPSI & CLAVI			
Harpsichord	32	0	7
Harpsichord Mono	32	4	7
Spinnet Harpsi	32	16	7
Virginal	32	24	7
Harpsi.Octave	32	32	7
Cembalo	32	48	7
Clavi	32	0	8
Strynthed Clav	32	8	8
Soul Clavi	32	16	8
Pulse Clavi	32	24	8
Synth Clavi	32	32	8
Clavi OD	32	40	8
Silly Clavi	32	48	8
Clavi Sin	32	64	8
MALLET			
Glockenspiel	32	0	10
Vibraphone	32	4	12
Jazz Vibes	32	16	12
SoftMallet Vibes	32	24	12
Vibes SingleTrem	32	0	12
Straight Vibes	32	32	12
Vibes&JazzGuitar	32	80	12
Xylophone	32	0	14
Xylophone Trill	32	8	14
Marimba	32	0	13
Wide Marimba	32	4	13
Marimba Trill	32	8	13

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Bottle Marimba	32	32	13
African Mallet	32	64	13
Caribbean Mallet	32	64	14
Celesta	32	0	9
Tubular Bells	32	0	15
Clock Bells	32	16	15
Church Bell	32	32	15
Music Box	32	0	11
Toy Piano	32	32	11
Tinkle Bell	32	0	113
Tuned Ensemble	32	80	14
AC.GUITAR & HARP			
Classical Guitar	32	0	25
Picked Nylon Gtr	32	4	25
Soft Nylon Gtr	32	6	25
Spanish Guitar	32	8	25
Touch Flamenco	32	14	25
Jazz Ac.Guitar	32	16	25
Mellow Ac.Guitar	32	24	25
Live Nylon Gtr	32	26	25
Plectrum Nylon	32	27	25
Bossa Guitar	32	28	25
Ac.Gtr.Harmonics	32	48	32
Folk Guitar	32	0	26
Mellow Folk Gtr	32	4	26
Dynamic Folk Gtr	32	14	26
Bright Folk Gtr	32	16	26
Stereo Ac.Gtr	32	8	26
Pop Steel Ac.Gtr	32	24	26
12 String Guitar	32	32	26
12Str.Gtr & Harm	32	34	26
Nylon El.Ac.Gtr	32	56	27
Steel El.Ac.Gtr	32	48	27
Jango's 6 String	32	40	27
Harp	32	0	47
Harp Octave	32	32	47
Bright Harp	32	16	47
ELECTRIC GUITAR			
Jazz Guitar	32	0	27
Picked Jazz Gtr	32	8	27
Jazz Strat	32	32	27
Jazz Gtr Octave	32	24	27
Bright Solid Gtr	32	0	28
Mellow Solid Gtr	32	64	28
Clean Solid Gtr	32	16	28
Pop Solid Guitar	32	24	28
Fusion Solid Gtr	32	32	28
Studio Solid Gtr	32	25	28
Rhythm Guitar	40	32	28
S.Cont Wah Wah	40	17	28
Rhythm Wah Wah	40	24	28
Wah Wah Lead	40	25	28
Mute Guitar	32	0	29
Funk Mute Guitar	32	32	29
Stereo Mute Gtr	32	40	29
Distortion Gtr 1	32	0	31
Distortion Gtr 2	32	4	31
Groovy Dt.Guitar	32	16	31
Feedback Guitar	32	16	32
Rock&Roll Guitar	40	16	28
Wheel Wah Wah	32	32	31
Overdrive Guitar	32	0	30
Rock Harmonics	32	0	32
Country Guitar	32	64	27
Nashville Steel	32	65	27
Hawaiian Guitar1	32	68	27
Hawaiian Guitar2	32	69	27
WORLD PERC			
Banjo	32	0	106
Banjo Tremolo	32	4	106
Mandolin	32	56	26
Mandolin Trem.1	32	60	26
Mandolin Trem.2	32	64	26
Bouzouki	32	80	26
Koto	32	0	108
Taisho Koto	32	32	108

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Taisho Koto Trem	32	36	108
Shamisen	32	0	107
Sitar	32	0	105
Sitar Bend	32	4	105
Kanun	32	64	108
Cumbus	32	64	106
Ukulele	32	64	25
Zither	32	16	16
Dulcimer	32	0	16
Kalimba	32	0	109
Metal Kalimba	32	16	109
Steel Drum	32	0	115
Bonang	32	32	113
Kenong	32	40	113
Sarrons	32	56	113
Slentem	32	48	113
Talking Drum	32	48	117
PERCUSSION			
Timpani	32	0	48
Timpani Tremolo	32	8	48
Sleigh Bell	32	16	114
Gong	32	32	114
Agogo	32	0	114
Cowbell	32	8	114
Triangle Open	32	48	114
Triangle Trill	32	52	114
Windchime	32	32	125
Bell Tree	32	64	114
Tambourine	32	24	114
Wood Block	32	0	116
Claves	32	8	116
Castanets	32	16	116
Castanets Double	32	18	116
Castanets 4times	32	20	116
Orch.Bass Drum	32	16	117
Taiko Drum	32	0	117
Melodic Tom	32	0	118
Power Tom	32	16	118
Synth Drum	32	0	119
Analog Tom	32	16	119
Electric Drum	32	32	119
Reverse Cymbal	32	0	120
Reverse Snare	32	16	120
Orchestra Hit	32	0	56
STRINGS			
Violin Soloist	32	4	41
Violin	32	0	41
Violin NV	32	1	41
Jazz Violin	32	16	41
Jazz Violin NV	32	17	41
Slow Violin	32	8	41
Slow Violin NV	32	9	41
Country Fiddle	32	0	111
Viola	32	0	42
Viola NV	32	1	42
Cello	32	0	43
Cello NV	32	1	43
Cello Soloist	32	4	43
String Duo	32	6	43
Bowed Bass	32	0	44
Bowed Bass NV	32	1	44
SymphonicStrings	32	16	49
Concert Strings	32	24	49
ClassicalStrings	32	0	49
Marcato Strings	32	8	49
Seasons Strings	32	30	49
Violin Ensemble	32	32	49
Viola Ensemble	32	40	49
Cello Ensemble	32	48	49
Bass Ensemble	32	56	49
Slow Strings	32	0	50
Bright Strings	32	20	49
Violin Strings	32	22	49
Chamber Strings	32	28	49
Soft Strings	32	8	50
Octave Strings	32	64	49

SOUND

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Bass Strings	32	57	49
Tremolo Strings	32	0	45
Pizzicato Str.	32	0	46
Synth Strings 1	32	0	51
Synth Strings 2	32	0	52
Mid Free Strings	32	72	51
VOCAL			
Choir Aah	32	1	53
Vocal Ah	32	0	53
Pop Vocal Ah	32	8	53
Stereo Vocal Ah	32	12	53
Mixed Choir	32	16	53
Choir Ooh	32	32	53
Vocal Ooh	32	36	53
Chapel Voices	32	40	53
Humming	32	64	53
Synth Vocal	32	0	55
Mixed Doo Voices	32	32	54
Girls Doo	32	34	54
Girls Doo Wah	32	36	54
Girls Warm Wah	32	41	54
Girls Bright Wah	32	40	54
Girls Doo Bap	32	48	54
Girls DooWahBap	32	52	54
Jazz Singers	32	33	54
Singing Company	32	35	54
Jazz Singers II	32	42	54
DaDa Octaves	32	38	54
Vocal Doo	32	0	54
Vocal Daa	32	8	54
Bob's Scat	32	80	54
Boy Doo Da	32	82	54
Boy Doo Bap	32	81	54
Boy Doo	32	64	54
Boy Da	32	72	54
Boy Bap	32	76	54
Boy Doo Hum	32	65	54
Sigh Here	32	73	54
Plucked Vocal	32	66	54
Boy Bass	32	68	54
Synth Bap	32	77	54
Girls & Boys Bap	32	78	54
Chest Hit Perc	32	67	54
ELECTRIC ORGAN			
Perc Organ	40	0	18
Perc Organ DE	32	0	18
Perc Organ NE	32	4	18
Full Drawbars	40	0	17
Full Drawbars DE	32	0	17
Full Drawbars NE	32	4	17
Jazz Drawbars	40	16	17
Jazz Drawbars DE	32	16	17
Jazz Drawbars NE	32	20	17
16' & 1'	40	8	17
16' & 1' DE	32	8	17
16' & 1' NE	32	12	17
Accomp Drawbars	40	24	17
AccompDrawbar DE	32	24	17
AccompDrawbar NE	32	28	17
Pop Organ	40	8	18
Pop Organ DE	32	8	18
Pop Organ NE	32	12	18
Soul Organ	40	32	17
Soul Organ DE	32	32	17
Soul Organ NE	32	36	17
Rock Organ	40	0	19
Rock Organ DE	32	0	19
Rock Organ NE	32	4	19
Chorale Organ	32	32	19
Gospel Organ	32	24	19
Shaded Organ	32	16	19
Groovy Organ	32	20	19
Organ Harmonics	32	40	19
Techno Organ	32	64	19
60's Organ	32	80	17
Organ Bass	40	64	17

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Organ Bass DE	32	64	17
Organ Bass NE	32	68	17
PIPE ORGAN			
Chapel Organ	32	16	20
Chapel Organ Oct	32	20	20
Full Organ	32	0	20
Cathedral Organ	32	32	20
Theatre Organ	32	64	20
Romantic Theatre	32	68	20
Theatre Accomp	32	72	20
Theatre Novelty	32	80	20
Seaside Organ	32	88	20
Tibia Chorus	32	76	20
Harmonium	32	0	21
Puff Organ	32	32	21
ACCORDION			
Bright Accordion	32	0	22
Mellow Accordion	32	16	22
Glam Musette	32	48	22
Musette	32	64	22
Wide Musette	32	66	22
Cajun Accordion	32	68	22
Bandoneon	32	0	24
Folk Accordion	32	72	22
Alpine Accordion	32	76	22
Alpin Accord Mix	32	78	22
German Acdn 1	36	8	1
German Acdn 2	36	40	1
German Acdn 3	36	32	1
German Acdn 4	36	56	1
German Acdn 5	36	96	1
German Acdn 6	36	80	1
German Acdn 7	36	88	1
German Acdn 8	36	64	1
German Acdn Bs1	36	44	1
German Acdn Bs2	36	46	1
Italian Acdn 1	36	0	9
Italian Acdn 2	36	8	9
Italian Acdn 3	36	32	9
Italian Acdn 4	36	48	9
Italian Acdn 5	36	96	9
Italian Acdn 6	36	72	9
Italian Acdn 7	36	88	9
Italian Acdn 8	36	64	9
Italian Acdn Bs1	36	44	9
Italian Acdn Bs2	36	94	9
BRASS			
Trumpet Soloist	32	4	57
Trumpet	32	0	57
Trumpet NV	32	1	57
Solo Trumpet	32	16	57
Solo Trumpet NV	32	17	57
Trumpet Shake	32	22	57
Jazz Tpt Soloist	32	23	57
Breathy Trumpet	32	32	57
Soft Trumpet	32	40	57
Soft Trumpet NV	32	41	57
Orchest.Trumpet	32	8	57
Trumpet Fall	32	96	57
Trumpet Up	32	104	57
Up/Down Trumpet	32	100	57
Harmon Mute Tpt	32	0	60
HarmonMuteTpt NV	32	1	60
StraightMuteTpt	32	16	60
StraightMuteTpNV	32	17	60
Cornet Soloist	32	68	57
Cornet	32	64	57
Cornet NV	32	65	57
Flugel Horn	32	48	57
Flugel Horn NV	32	49	57
Flugel Soloist	32	52	57
Bright Trombone	32	0	58
BrightTromboneNV	32	1	58
Mellow Trombone	32	16	58
MellowTromboneNV	32	17	58
Trombone Soloist	32	20	58

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Trombone Shake	32	22	58
Jazz Tbn Soloist	32	23	58
Jazz Trombone	32	24	58
Jazz Trombone NV	32	25	58
TromboneShrtFall	32	96	58
TromboneLongFall	32	98	58
Slide Trombone	32	102	58
Trombone Up	32	104	58
Long & The Short	32	100	58
CupMuteTrombone	32	32	60
CupMuteTrombonNV	32	33	60
Mute Tbn Soloist	32	52	60
Closed Fr.Horn	32	16	61
Open Fr.Horn	32	0	61
French Horns	32	64	61
Marching Tuba	32	32	59
Orchestral Tuba	32	0	59
Bigband Brass	32	0	62
Full Brass	32	8	62
Brass Band	32	10	62
Low Unison Horns	32	12	62
Real Brass Pad	32	16	62
Octave Brass	32	64	62
Octave Horns	32	72	62
Horn Section	32	76	62
Pop Trumpets	32	80	57
Pop Trumpets Oct	32	84	57
Trumpet Ensemble	32	88	57
Shake It Up	32	110	57
Brass & Sax	32	48	62
Bavarian Brass	32	24	62
Sfz Brass Oct.	32	80	62
Brass Fall	32	96	62
Brass Falls	32	97	62
Unison Slides	32	99	58
Up/Down Brass	32	100	62
Mute Ensemble 1	32	80	60
Mute Ensemble 2	32	81	60
Muted Horn	32	64	60
SYNTH BRASS			
Brass & Synth	32	32	62
Analog Syn.Brass	32	0	64
Fat Synth Brass	32	32	64
Basic Syn.Brass	32	0	63
Warm Synth Brass	32	8	63
Pop Synth Brass	32	16	63
Block Synth	32	12	64
Brassy Synth	32	8	64
Mercury Pad	32	16	64
Wet Synth Brass	32	32	63
Synth Brass Mix	32	56	63
Synth Brass Band	32	48	63
SynthBrassPad 1	32	80	91
SynthBrassPad 2	32	81	91
SAX			
Soprano Sax	32	0	65
Soprano Sax NV	32	1	65
Sop Sax Soloist	32	20	65
Alto Sax Soloist	32	4	66
Soft AltoSoloist	32	28	66
Alto Sax	32	0	66
Alto Sax NV	32	1	66
Jazz Alto Sax	32	8	66
Jazz Alto Sax NV	32	9	66
Mellow Alto Sax	32	24	66
Mellow Alto NV	32	25	66
Rock Alto Sax	32	48	66
Funky Alto Sax	32	52	66
Growl Alto Sax	32	56	66
TenorSax Soloist	32	20	67
Tenor Sax	32	0	67
Tenor Sax NV	32	1	67
Breathy Tenor	32	16	67
Breathy Tenor NV	32	17	67
Rock Tenor Sax	32	48	67
Funky Tenor Sax	32	52	67

SOUND

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Growl Tenor Sax	32	56	67
Baritone Sax	32	0	68
Baritone Sax NV	32	1	68
Unison Reeds	32	90	68
Distortion Sax	32	80	67
Unison Saxes	32	80	68
Octave Saxes	32	88	68
REED			
Jazz Clarinet 1	32	0	72
JazzClarinet1 NV	32	1	72
Clarinet Soloist	32	4	72
Jazz Clarinet 2	32	8	72
JazzClarinet2 NV	32	9	72
JazzClariSoloist	32	12	72
RomanticClarinet	32	16	72
RomanticClarinetNV	32	17	72
Mellow Clarinet	32	24	72
MellowClarinetNV	32	25	72
Classic Clarinet	32	32	72
Bass Clarinet	32	48	72
DanceBand Unison	32	84	72
Oboe	32	0	69
Oboe NV	32	1	69
Oboe Soloist	32	4	69
Double Reeds 1	32	80	69
English Horn	32	0	70
English Horn NV	32	1	70
Eng Horn Soloist	32	4	70
Orchestral Woods	32	80	70
Bassoon	32	0	71
Bassoon NV	32	1	71
Bassoon Soloist	32	4	71
Double Reeds 2	32	80	71
Harmonica	32	0	23
Harmonica NV	32	1	23
Blues Harmonica	32	8	23
Blues Harm. NV	32	9	23
Bagpipe	32	0	110
Shanai	32	0	112
FLUTE			
Piccolo	32	0	73
Piccolo NV	32	1	73
Flute Soloist	32	4	74
JazzFluteSoloist	32	20	74
Jazz Flute	32	0	74
Jazz Flute NV	32	1	74
Classical Flute	32	32	74
Classic Flute NV	32	33	74
Chiff Flute	32	16	74
Chiff Flute NV	32	17	74
ChiffFluteSoloist	32	21	74
Alto Flute	32	48	74
Alto Flute NV	32	49	74
Alto Ensemble	32	80	74
Flutter Flute	32	64	74
FlutterFISoloist	32	68	74
Flugel Flute	32	96	74
PanFlute Soloist	32	4	76
Pan Flute 1	32	0	76
Pan Flute 1 NV	32	1	76
Pan Flute 2	32	8	76
Pan Flute 2 NV	32	9	76
Penny Whistle	32	32	80
Penny Whistle NV	32	33	80
Low Whistle	32	48	80
Low Whistle NV	32	49	80
Recorder	32	0	75
Recorder NV	32	1	75
Recorder Soloist	32	4	75
Ocarina	32	0	80
Ocarina NV	32	1	80
Blown Bottle	32	0	77
Whistle	32	0	79
Whistle NV	32	1	79
Marching Whistle	32	32	79
Siny Whistle	32	48	79

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Shakuhachi	32	0	78
Shakuhachi NV	32	1	78
Quena	32	64	76
Ney	32	72	76
BASS			
Acoustic Bass	32	0	33
Mellow Ac.Bass	32	16	33
Wild Ac.Bass	32	48	33
Electric Bass	32	0	34
Mellow E.Bass	32	8	34
Jazz E.Bass	32	32	34
Bright E.Bass	32	16	34
Fusion E.Bass	32	48	34
Funky E.Bass	32	64	34
Touch Funk Bass	32	68	34
Fretless Bass	32	0	36
Picked E.Bass	32	0	35
Mute Bass	32	32	35
Slap Bass 1	32	8	37
Slap Bass 1 v	32	0	37
Slap Bass 2	32	8	38
Slap Bass 2 v	32	0	38
SYNTH BASS			
Analog Bass	32	32	40
House Bass	32	40	40
Dance Bass	32	16	39
Basic Synth Bass	32	8	40
Soul Bass	32	8	39
Plastic Bass	32	0	40
Wow Bass	32	0	39
Pure Analog Bass	32	4	39
Thick Ana.Bass	32	68	39
Wide Analog Bass	32	24	40
Mini Bass	32	13	39
Midland Bass	32	12	39
Techno Bass	32	24	39
Bass Leader	32	88	39
Rocky Synth Bass	32	40	39
Rubber Bass	32	16	40
Killer Bass	32	32	39
Fat Tri Bass	32	56	40
Sub Bass	32	48	40
Garage Bass	32	48	39
Garage Bass Too	32	49	39
Jungle Bass	32	52	40
Vintage Syn.Bass	32	64	39
Hard Techno Bass	32	72	39
Tech Step Bass	32	74	39
Wet Bass	32	80	39
70's Square Bass	32	96	39
Frog Bass	32	92	39
Bass Slide	32	64	121
ORCHESTRAL PAD			
Strings & Horns	32	80	49
Finalegrande	32	84	49
Strings & Flutes	32	88	49
Strings & Voices	32	48	50
Heavenly Strings	32	96	49
Warm String Pad	32	16	51
Chamber Orch	32	80	7
Cathedral	32	96	20
Movie Musical	32	72	50
Horns & Woods	32	88	61
Dark Movie Scene	32	32	52
Orchestral Sweep	32	64	96
Moonlight Pad	32	32	89
Orchestra Pizz	32	80	46
Synth Orchestra	32	80	52
Cinematic Drama	32	84	52
Unison Strings	32	72	49
Springtime Orch	32	80	50
Dreamy Strings	32	64	50
Ooh Strings	32	56	53
Aah Strings	32	24	53
Many Horns	32	80	61
Big Band Pad	32	80	72

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
12 String Pad	32	104	26
Pad Guitar	32	32	100
PIANO PAD			
Piano & Strings	32	80	1
Piano Orchestra	32	81	1
Symphonic Piano	32	82	1
Piano Cosmos	32	80	2
Dream Piano	32	64	2
Funky Pad	32	64	3
FM Piano Pad	32	64	6
Pop E.P.Pad	32	65	6
Mellow Tines	32	66	6
Pad Grand	32	72	3
Pad Grand Funk	40	72	3
New Age	32	96	5
Big Midi Layer	32	72	6
6 String Piano	32	80	6
Mod.Jazz Piano	32	88	1
PianoBrassSwitch	32	112	1
SYNTH PAD			
Fantasia	32	0	89
Dream	32	16	89
Bell Pad	32	48	89
Bell Line	32	64	89
Light Celestpad	32	80	89
Snowfall Pad	32	88	89
Mellow Ensemble	32	0	90
Poly Synth Pad	32	8	90
Ooh Pad	32	16	90
Synth Vocal Pad	32	20	90
Warm Voice Pad	32	16	55
Field of Voices	32	80	53
Softy Pad	32	24	90
Soft Saws	32	28	90
Warm Synth Pad	32	32	90
Slow Synth Pad	32	34	90
Warm Pad Basics	32	36	90
Mixed Osc Pad	32	38	90
Comodore	32	40	90
High Dyn Alg Pad	32	64	90
Oldie Pad	32	8	91
Spacy Pad	32	0	92
Planet Pad	32	16	92
Itopia	32	32	92
Bowed Glass	32	0	93
Sine Pad	32	16	93
Pure Sinus Pad	32	24	93
Metal Pad	32	0	94
PWM Pad	32	64	94
Halo Pad	32	0	95
Sweep Pad	32	0	96
Multi Sweeper	32	8	96
Voice Sweeper	32	16	96
Warm Sweeper	32	24	96
Atmosphere	32	0	100
Mist	32	0	101
Release Pad	32	32	103
Star Theme	32	0	104
TVF Brass Pad	32	32	104
Hugestring Pad	32	48	52
Trem String Pad	32	56	52
Good Old Waves	32	48	102
SYNTH LEAD			
Square Lead	32	0	81
Mini Solo	32	4	81
Basic Square	32	8	81
Basic Pulse	32	12	81
The Basics	32	16	81
Too Square	32	20	81
Sub Defusion	32	24	81
Square Bell	32	32	81
Dead Ringer	32	48	81
Sine Lead	32	64	81
Percsine	32	66	81
Soft Lead	32	68	81
Basic Sine	32	72	81

SOUND

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Spleeny Synth	32	96	81
Saw Lead	32	0	82
Boy's Saw Lead	32	4	82
Basic Sawtooth	32	8	82
Blunt Saw	32	12	82
Basic Triangle	32	16	82
Chain Saw	32	32	82
Boy's Doubl Saw	32	48	82
Basic Leader	32	56	82
Fat Leader	32	64	82
Mono Screech	32	68	82
Parp Parp	32	104	82
Weeeow	32	96	82
Wheel Weeeow	32	112	82
Sweep Ana.Synth	32	80	82
Sawtooth Control	32	116	82
Noiz Boyz	32	120	82
Bemused Triangle	40	16	82
Frog March	40	12	82
Poly Synth	32	0	91
80's Poly Synth	32	16	91
Big Saw	32	32	91
Maverik	32	48	91
Southlead	32	56	91
Olymp Synth	32	64	91
Synth Calliope	32	0	83
Talking Flute	32	16	83
Chiffer Lead	32	0	84
First Book Lead	32	24	84
Talking Synth	32	32	84
Talking Lead	32	40	84
Voco Synth	32	48	84
Chopper Flute	32	64	84
Charang	32	0	85
Wire Lead	32	16	85
Funky Buzz	32	32	85
Turky Lead	32	40	85
Sweepy Lead	32	48	85
Cat Guitar	32	56	85
Solo Synth	32	96	85
Air Vox	32	0	86
Steamy Keys	32	32	86
5th Wave	32	0	87
Electro Synth	32	8	87
80's Solo	32	32	87
Tune Me In	32	64	87
Bass & Lead	32	0	88
Bass To Lead	32	32	88
Freezy B.& Lead	32	48	88
Metallic Solo	32	64	88
80's Solo Man	32	72	88
Percy Synth	32	16	100
Pick Your Pad	32	48	100
Git'Dreams	32	64	100
Bouncing Creak	32	76	85
Digi Stack	32	16	104
70's Shine	32	48	104
Siren@space	32	64	104
Old Sampler	32	64	51
Rave Chord	32	32	98
70's Fat Synth	32	16	101
HPF Pulser	32	64	101
SYNTH PERC			
Crystal	32	0	99
Digi Bells	32	8	99
Space Glocken	32	16	99
Synth Mallet	32	32	99
FM Dreams	32	32	101
Sine Drops	32	104	85
Sequence Dance	32	84	85
Cheap Synth	32	80	85
SEQ Synth 1	32	64	85
SEQ Synth 2	32	68	85
SEQ Synth 3	32	65	85
SEQ Synth 4	32	66	85
SEQ Techno	32	72	85

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Sine Harp	32	80	47
Synth Harp	32	64	47
Synth Lute	32	96	25
Afro Dance	32	64	115
Sine Stab	32	112	85
Breath Perc	32	16	122
Dance Hit	32	48	56
Hip Hop Perc	32	64	119
SYNTH FX			
Ice Rain	32	0	97
5ths Wobble	32	80	97
Soundtrack	32	0	98
Hit Wah	32	80	98
Goblins	32	0	102
Fizzy Nessie	32	16	102
I'm Dreaming...	32	32	102
Nightfly	32	64	102
Echo Drops	32	0	103
Echo Bell	32	8	103
Echo Pan	32	16	103
Tape Reverse	32	72	87
Filter Mayhem	32	80	102
The Spins	32	80	126
Sawn Off Synth	32	88	82
Sirens	32	17	126
SOUND EFFECT			
E.Gtr Fret Noise	32	0	121
A.Gtr Fret Nois1	32	4	121
A.Gtr Fret Nois2	32	5	121
E.Gtr Cutting Ns	32	8	121
A.Gtr Cutting Ns	32	10	121
Double Cutting	32	12	121
Mute Wah Wah	40	12	121
A.Gtr Body Hit	32	24	121
A.Gtr Fret Hit	32	28	121
Ac.Bass Str.Slap	32	32	121
SlapBass Dead Ns	32	48	121
Flute Key Click	32	64	122
Breath Noise	32	0	122
Seashore	32	0	123
Rain	32	8	123
Thunder	32	16	123
Wind	32	24	123
Stream	32	32	123
Bubble	32	40	123
Bird Tweet	32	8	124
Bird 1	32	0	124
Bird 2	32	1	124
Dog	32	16	124
Horse Gallop	32	32	124
Telephone 1	32	0	125
Telephone 2	32	1	125
Door Creaking	32	8	125
Door	32	9	125
Scratch	32	16	125
Helicopter	32	0	126
Car Engine	32	8	126
Car Stop	32	9	126
Car Pass	32	10	126
Car Crash	32	11	126
Siren	32	16	126
Train	32	24	126
Jetplane	32	32	126
Starship	32	40	126
Burst Noise	32	48	126
Applause	32	0	127
Laughing	32	8	127
Scream	32	16	127
Punch	32	32	127
Heart Beat	32	40	127
Footsteps	32	48	127
Tap Dancer	32	49	127
Gun Shot	32	0	128
Machine Gun	32	8	128
Laser Gun	32	16	128
Explosion	32	24	128

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
DRUM KITS			
Standard Kit1	38	0	1
Standard Kit2	38	0	2
Live Rock Kit	38	0	10
Pop Kit	38	0	4
Room Kit	38	0	9
Live Room Kit	38	0	13
Light Rock Kit	38	0	3
Power Kit	38	0	17
Funk Kit	38	0	18
Live Funk Kit	38	0	21
Electric Kit	38	0	25
Trad Kit	38	0	34
Jazz Kit	38	0	33
Live Jazz Kit	38	0	37
Brush Kit	38	0	41
Analog Kit 1	38	0	26
Analog Kit 2	38	0	27
Soul Kit	38	0	28
Dance Kit	38	0	30
House Kit	38	0	29
Techno Kit	38	0	32
Hip Hop Kit	38	0	31
Bongo&Conga Kit	38	0	73
Orchestral Kit	38	0	49
PreviousOrch.Kit	38	0	53
Voice Kit	38	0	65
Sound Effect Kit	38	0	57
DIGITAL DRAWBAR			
<Jazz Drawbars>	34	0	1
<Rock Drawbars>	34	0	17
GM BASIC			
Grand Piano *	121	0	1
Bright Piano *	121	0	2
Electric Grand *	121	0	3
Honky-Tonk *	121	0	4
Vintage E.P.*	121	0	5
Modern E.P.*	121	0	6
Harpsichord *	121	0	7
Clavi *	121	0	8
Celesta *	121	0	9
Glockenspiel *	121	0	10
Music Box *	121	0	11
Vibraphone *	121	0	12
Marimba *	121	0	13
Xylophone *	121	0	14
Tubular Bells *	121	0	15
Dulcimer *	121	0	16
Drawbar Organ *	121	0	17
Perc Organ *	121	0	18
Rock Organ *	121	0	19
Church Organ *	121	0	20
Reed Organ *	121	0	21
Accordion *	121	0	22
Harmonica *	121	0	23
Bandoneon *	121	0	24
Nylon Str.Gtr *	121	0	25
Steel Str.Gtr *	121	0	26
Jazz Guitar *	121	0	27
Clean Guitar *	121	0	28
Mute Guitar *	121	0	29
Overdrive Gtr *	121	0	30
Distortion Gtr *	121	0	31
Gtr Harmonics *	121	0	32
Acoustic Bass *	121	0	33
Fingered E.Bass*	121	0	34
Picked E.Bass *	121	0	35
Fretless Bass *	121	0	36
Slap Bass 1 *	121	0	37
Slap Bass 2 *	121	0	38
Synth Bass 1 *	121	0	39
Synth Bass 2 *	121	0	40
Violin *	121	0	41
Viola *	121	0	42
Cello *	121	0	43
Contrabass *	121	0	44

SOUND

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Tremolo Str *	121	0	45
Pizzicato Str.*	121	0	46
Harp *	121	0	47
Timpani *	121	0	48
Strings *	121	0	49
Slow Strings *	121	0	50
Synth Strings 1*	121	0	51
Synth Strings 2*	121	0	52
Choir Aahs *	121	0	53
Vocal Doo *	121	0	54
Synth Vocal *	121	0	55
Orchestra Hit *	121	0	56
Trumpet *	121	0	57
Trombone *	121	0	58
Tuba *	121	0	59
Mute Trumpet *	121	0	60
French Horn *	121	0	61
Brass *	121	0	62
Synth Brass 1 *	121	0	63
Synth Brass 2 *	121	0	64
Soprano Sax *	121	0	65
Alto Sax *	121	0	66
Tenor Sax *	121	0	67
Baritone Sax *	121	0	68
Oboe *	121	0	69
English Horn *	121	0	70
Bassoon *	121	0	71
Clarinet *	121	0	72
Piccolo *	121	0	73
Flute *	121	0	74
Recorder *	121	0	75
Pan Flute *	121	0	76
Blown Bottle *	121	0	77
Shakuhachi *	121	0	78
Whistle *	121	0	79
Ocarina *	121	0	80
Square Lead *	121	0	81
Saw Lead *	121	0	82
Syn Calliope *	121	0	83
Chiffer Lead *	121	0	84
Charang *	121	0	85
Solo Vox *	121	0	86
5th Saw Wave *	121	0	87
Bass & Lead *	121	0	88
Fantasia *	121	0	89
Warm Pad *	121	0	90
Poly Synth *	121	0	91
Spacy Vox *	121	0	92
Bowed Glass *	121	0	93
Metal Pad *	121	0	94
Halo Pad *	121	0	95
Sweep Pad *	121	0	96
Ice Rain *	121	0	97
Soundtrack *	121	0	98
Crystal *	121	0	99
Atmosphere *	121	0	100
Brightness *	121	0	101
Goblins *	121	0	102
Echo Drops *	121	0	103
Star Theme *	121	0	104
Sitar *	121	0	105
Banjo *	121	0	106
Shamisen *	121	0	107
Koto *	121	0	108
Kalimba *	121	0	109
Bagpipe *	121	0	110
Fiddle *	121	0	111
Shanai *	121	0	112
Tinkle Bell *	121	0	113
Agogo *	121	0	114
Steel Drum *	121	0	115
Wood Block *	121	0	116
Taiko Drum *	121	0	117
Melodic Tom *	121	0	118
Synth Drum *	121	0	119
Reverse Cymbal *	121	0	120

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Fret Noise *	121	0	121
Breath Noise *	121	0	122
Seashore *	121	0	123
Bird Tweet *	121	0	124
Telephone *	121	0	125
Helicopter *	121	0	126
Applause *	121	0	127
Gun Shot *	121	0	128
GM2 EXTEND			
Grand Piano w *	121	1	1
Mellow Piano *	121	2	1
Bright Piano w *	121	1	2
E.Grand w *	121	1	3
Honky-Tonk w *	121	1	4
Cho.Vintage EP *	121	1	5
Vintage E.P.v *	121	2	5
60's E.Piano *	121	3	5
Cho.Modern E.P.*	121	1	6
Modern E.P.v *	121	2	6
EP Legend *	121	3	6
EP Phase *	121	4	6
Harp.si.Octave *	121	1	7
Harpsichord w *	121	2	7
Harpsichord 2 *	121	3	7
Pulse Clavi *	121	1	8
Vibraphone w *	121	1	12
Marimba w *	121	1	13
Church Bell *	121	1	15
Carillon *	121	2	15
Cho.Drawbars *	121	1	17
60's Organ *	121	2	17
Drawbar Organ 2*	121	3	17
Cho.Perc Organ *	121	1	18
Perc Organ 2 *	121	2	18
Church Organ 2 *	121	1	20
Cho.Church Org.*	121	2	20
Puff Organ *	121	1	21
Accordion 2 *	121	1	22
Ukulele *	121	1	25
Nylon Str.Gtr 2*	121	2	25
Nylon Str.Gtr 3*	121	3	25
12 String Gtr *	121	1	26
Mandolin *	121	2	26
Steel Str.Gtr 2*	121	3	26
Pedal Steel Gtr*	121	1	27
Chorus Guitar *	121	1	28
Clean Guitar 2 *	121	2	28
Funk Guitar *	121	1	29
Mute Guitar 2 *	121	2	29
Jazz Man *	121	3	29
Guitar Pinch *	121	1	30
Distortion Gtr2*	121	1	31
Dist.Rhythm Gtr*	121	2	31
Gtr Feedback *	121	1	32
Fing.Slap Bass *	121	1	34
Warm Synth Bass*	121	1	39
Resonance Bass *	121	2	39
Clavi Bass *	121	3	39
Hammer Bass *	121	4	39
Attack S.Bass *	121	1	40
Rubber Bass *	121	2	40
Attack Pulse *	121	3	40
Slow Violin *	121	1	41
Yang Chin *	121	1	47
Strings & Brass*	121	2	49
60's Strings *	121	3	49
Synth Strings 3*	121	1	51
Choir Aahs 2 *	121	1	53
Humming *	121	1	54
Analog Voice *	121	1	55
Bass Hit Plus *	121	1	56
6th Hit *	121	2	56
Euro Hit *	121	3	56
Soft Trumpet *	121	1	57
Trombone 2 *	121	1	58
Bright Trombone*	121	2	58

Sound Explorer Group			
Sound Name	MSB	LSB	PCNo
Mute Trumpet 2 *	121	1	60
French Horn 2 *	121	1	61
Octave Brass *	121	1	62
Synth Brass 3 *	121	1	63
Analog Brass 1 *	121	2	63
Jump Brass 1 *	121	3	63
Synth Brass 4 *	121	1	64
Analog Brass 2 *	121	2	64
Square Lead 2 *	121	1	81
Sine Lead *	121	2	81
Saw Lead 2 *	121	1	82
Pulse Saw *	121	2	82
Double Saw Lead*	121	3	82
Sequence Saw *	121	4	82
Wire Lead *	121	1	85
Soft Wurl *	121	1	88
Sine Pad *	121	1	90
Itopia *	121	1	92
Synth Mallet *	121	1	99
Echo Bell *	121	1	103
Echo Pan *	121	2	103
Sitar 2 *	121	1	105
Taisho Koto *	121	1	108
Castanets *	121	1	116
Orch Bass Drum *	121	1	117
Power Tom *	121	1	118
Analog Tom *	121	1	119
Electric Drum *	121	2	119
Cutting Noise *	121	1	121
A.Bass Str.Slap*	121	2	121
Flute Key Click*	121	1	122
Rain *	121	1	123
Thunder *	121	2	123
Wind *	121	3	123
Stream *	121	4	123
Bubble *	121	5	123
Dog *	121	1	124
Horse Gallop *	121	2	124
Bird Tweet 2 *	121	3	124
Telephone 2 *	121	1	125
Door Creaking *	121	2	125
Door *	121	3	125
Scratch *	121	4	125
Windchime *	121	5	125
Car Engine *	121	1	126
Car Stop *	121	2	126
Car Pass *	121	3	126
Car Crash *	121	4	126
Siren *	121	5	126
Train *	121	6	126
Jetplane *	121	7	126
Starship *	121	8	126
Burst Noise *	121	9	126
Laughing *	121	1	127
Scream *	121	2	127
Punch *	121	3	127
Heart Beat *	121	4	127
Footsteps *	121	5	127
Machine Gun *	121	1	128
Laser Gun *	121	2	128
Explosion *	121	3	128
GM2 DRUM KITS			
Standard Kit *	120	0	1
Room Kit *	120	0	9
Power Kit *	120	0	17
Electric Kit *	120	0	25
Analog Kit *	120	0	26
Jazz Kit *	120	0	33
Brush Kit *	120	0	41
Orchestra Kit *	120	0	49
SFX Kit *	120	0	57

Rhythm	Exclusive data Body data			Rhythm	Exclusive data Body data		
	1st	2nd	3rd		1st	2nd	3rd
8 & 16 BEAT				BALLAD			
8 Beat 1	0	8	90	8 & 16 Ballad	0	5	98
8 Beat 2	0	12	90	8 Beat Ballad	0	7	91
8 Beat Slow	0	6	88	16Beat Ballad	0	12	99
Swing Rock 1	0	6	72	Piano Ballad	0	0	98
Swing Rock 2	0	7	72	Organ Rock	0	8	91
16 Beat 1	0	0	96	ModRockBallad	0	13	75
16 Beat 2	0	1	96	Rock Ballad	0	3	74
16 Beat Slow	0	4	97	ModSoulBallad	0	4	103
16 Beat Pop	0	3	101	Soul Ballad	0	12	75
Hip 16 Beat	0	2	108	Pop Ballad	0	6	98
				8Bt PopBallad	0	6	91
				16BtPopBallad	0	6	107
				H.Rock Ballad	0	9	91
				R&B Ballad	0	1	75
				ShuffleBallad	0	2	78
				Christmastime	0	1	26
ROCK & POP				SOUL & FUNK			
Comet Rock	0	2	82	Soul Rock	0	7	102
Rock & Roll	0	1	80	Soul Shuffle	0	5	77
ShuffleR&Roll	0	5	76	70's Soul	0	3	111
ShuffleBoogie	0	14	76	Soft Groove	0	4	114
70'sPianoRock	0	6	84	Soul	0	2	81
8 Beat Pop	0	7	84	Funk	0	5	110
Boy Group	0	5	83	Jazz Funk	0	4	112
Girl Group	0	3	104	Soul Funk	0	6	110
Bop Rock	0	4	104	Swingy Funk	0	4	65
Slow SwingPop	0	1	64	Soul Piano	0	0	102
70's Rock	0	1	90	8 Beat Soul	0	3	87
70's Shuffle	0	2	79	16 Beat Soul	0	3	103
60's R&Roll	0	2	18	Pop Bossa	0	2	50
60's Pop Hits	0	4	86	Jazz Rock	0	7	113
60's Pop	0	3	86	Jazz Pop	0	4	110
Hard Rock	0	5	92	Latin Pop	0	3	52
ShuffleH.Rock	0	3	79				
Modern R&Roll	0	0	80				
Brit Pop	0	2	83				
Surf	0	3	83				

RHYTHM

Rhythm	Exclusive data Body data			Rhythm	Exclusive data Body data		
	1st	2nd	3rd		1st	2nd	3rd
BIG BAND & SWING				ENTERTAINER			
Big Band Fast	0	5	36	Simple 8 Beat	0	15	88
Big Band Mid	0	0	38	Simple 16Beat	0	5	97
Big Band Slow	0	7	38	Shuffle	0	4	79
BigBandBallad	0	11	38	Ballad 12/8	0	10	74
Dance Band	0	4	39	Simple Waltz	0	5	13
The MainEvent	0	5	37	R&B Pop	0	4	101
Swing Band	0	5	39	Samba Rio	0	11	51
Orch. Swing	0	3	37	ModernBeguine	0	4	59
Swingy Waltz	0	7	46	Party Pop	0	14	4
Jazz Waltz	0	6	46	Slow Foxtrot	0	15	29
BigBandBoogie	0	1	38	Pop Rhumba	0	9	58
RomanticSwing	0	5	29	German Pop 1	0	4	83
				German Pop 2	0	5	120
				Disco Samba	0	4	120
				Party March	0	10	4
				Schlager	0	2	104
				GermanFoxtrot	0	4	30
				German Ballad	0	0	74
				70's Party	0	7	4
				Oldies	0	7	80
JAZZ COMBO				MOVIE & SHOW			
Bebop	0	7	32	Space Epic	0	5	2
Jazz Combo	0	0	33	Secret Agent	0	7	107
Jazz Quartet	0	0	34	Animation	0	9	98
Jazz Quintet	0	11	34	Showstopper	0	9	15
Lounge Piano	0	4	44	Movie Disco	0	1	124
ACappellaJazz	0	2	45	Tap Dancers	0	14	29
ManhattanJazz	0	8	32	Summer Ballad	0	14	74
Hip Vocals	0	0	42	Epic Ballad	0	10	98
Modern Jazz	0	6	40	Movie Swing	0	6	37
Dixie Band	0	2	24	Movie Waltz	0	4	13
Jazz Ballad	0	1	45	Movie Ballad	0	1	98
Gypsy Jazz	0	6	32	Orch. Ballad	0	4	98
Boogie Woogie	0	0	31	80's Ballad	0	3	99
Organ Combo	0	3	81	Show Ballad	0	4	15
AccordionJazz	0	2	34	Broadway Show	0	0	15
Roaring 20's	0	7	24	NightClubShow	0	2	98
Club Combo	0	2	35	Show Stride	0	2	30

[illegible]

RHYTHM

Rhythm	Exclusive data Body data			Rhythm	Exclusive data Body data		
	1st	2nd	3rd		1st	2nd	3rd
BALLROOM				LATIN			
Ballroom Fox	0	12	29	Bossanova	0	1	63
Euro Foxtrot	0	2	29	Light Bossa	0	2	63
Quick Foxtrot	0	3	29	Beguine	0	3	59
Quickstep	0	3	28	Rhumba	0	5	58
English Waltz	0	7	8	Hawaiian	0	1	22
Jive	0	0	29	Cha Cha	0	6	57
Twist	0	10	76	Cuban Mambo	0	0	62
Modern ChaCha	0	7	57	Tango Argent	0	7	53
BallroomMambo	0	4	56	Samba	0	1	51
Tango Europe	0	8	53	Salsa	0	5	68
Vienna Dance	0	3	9	Bossa 2/2	0	0	48
Pasodoble	0	2	69	Swingy Reggae	0	5	71
				Samba Rock	0	4	116
				HawaiiShuffle	0	2	22
				Gypsy Dance	0	1	61
				Mariachi	0	2	67
				Calypso	0	5	118
				Merengue	0	1	67
				Bolero	0	6	58
				Cumbia	0	3	67
CUSTOM				Irish Jig	0	4	5
CUSTOM-1	32	0	0	Tarantella	0	3	5
CUSTOM-2	32	0	1	Sirtaki	0	3	60
CUSTOM-3	32	0	2	Scottish Reel	0	4	26
CUSTOM-4	32	0	3	ItaliaRomance	0	5	11
CUSTOM-5	32	0	4	Dangdut	0	4	60
CUSTOM-6	32	0	5	Talempong	0	2	60
CUSTOM-7	32	0	6	Keroncong	0	5	60
CUSTOM-8	32	0	7				
CUSTOM-9	32	0	8				
CUSTOM-10	32	0	9	MEMORY			
CUSTOM-11	32	0	10	MEMORY-A	16	0	0
CUSTOM-12	32	0	11	MEMORY-B	16	0	1
CUSTOM-13	32	0	12	MEMORY-C	16	0	2
CUSTOM-14	32	0	13				
CUSTOM-15	32	0	14				
CUSTOM-16	32	0	15				
CUSTOM-17	32	0	16				
CUSTOM-18	32	0	17				
CUSTOM-19	32	0	18				
CUSTOM-20	32	0	19				

SOLO PAD (Chord Progressing)

EFFECT	5(Maj)	C	C7sus4	C	C7sus4
		Em	F Gsus4	C	Fm6 G7
	6(Min)	Cm	Fm	Cm	Ddim
		Cm	Fm6	Ddim	Fm6 G7

POP	5(Maj)	C	Am	F	C G
	6(Min)	Cm	G7	G7	Cm

SWING ROCK	5(Maj)	C Am	F G	Am7 B $\flat$ maj7	Gsus4
	6(Min)	Cm Gm7	Fm7 Gm7	Cm Gm7	B $\flat$ sus4

ROCK & ROLL	5(Maj)	C	C	C	C7
		F7	F7	C	C
		G7	F7	C	G7
	6(Min)	Cm	Cm	Cm	Cm
		Fm	Fm	Cm	Cm
		G7	Fm	Cm	Cm

DANCE	5(Maj)	C	Am	F	G
		C	Am	F	Dm7 G
	6(Min)	Cm	A $\flat$	E $\flat$	B $\flat$
		Cm	A $\flat$	E $\flat$	B $\flat$

FUNK	5(Maj)	C	B $\flat$ 7	F	C
		C	D7	F7	C
	6(Min)	Cm	Fm7	A $\flat$ 7 G7	Cm
		E $\flat$ m7 A $\flat$ 7	D $\flat$ maj7	D7	G7

LATIN 1	5(Maj)	C	Cmaj7	Gm7 C7	Fmaj7
		Em7 A7	Dm7	Am7 D7	D $\flat$ 7
	6(Min)	Cm	Fm	Dm7 $\flat$ 5 G7	Cm
		Cm	Fm	Dm7 G7	Cm

LATIN 2	5(Maj)	C A7	Dm7 G7	C7 F	G7 C
		C A7	Dm7 G7	C7 F F $\sharp$ dim	G7 C
	6(Min)	Cm G7	G7 Cm	Cm G7	G7 Cm
		Cm G7	G7 Cm	Cm G7	G7 Cm

BALLAD 12/8	5(Maj)	C	Am	Dm A7	Dm Fm6
		G7 E7	Am Fmaj7	Em7 Am7 Dm7	C
	6(Min)	Cm	Fm	D7	Dm7 $\flat$ 5 G7
		Cm C7	Fm	D7 Fm6	Cm

BALLAD 4/4	5(Maj)	C	C	Fmaj7	F6 G7
	6(Min)	Cm	A $\flat$	Fm7	Fm7 G7

SHOWBIZ	5(Maj)	C	C	D7	D7
		G7	G7	C	D7 G7
	6(Min)	Cm	Cm	Fm	Fm
		G7	G7	Cm	Fm6 G7

SOLO PAD (Chord Progressing)

BIGBAND	5(Maj)	C	C F7	C	C
		F7	F7	C7 B $\flat$ 7	A7
		D7	G7	C7	F7 G7
	6(Min)	Cm	Cm	Cm	Cm
		Fm6	G7	Cm	D $\flat$ maj7
		Fm6	G7	Cm	Fm6 G7
JAZZ COMBO	5(Maj)	C7	F7	C7	C7
		F7	F7	C7	G7
	6(Min)	Cm	Cm	Cm	Cm
		Fm7	Gaug7	Cm7	Dm7 $\flat$ 5 Gaug7
TRADITIONAL 4/4	5(Maj)	C	C D $\flat$ dim G7	G7	G7 C
		C	C7 F	F F $\sharp$ dim C A7	D7 G7 C
	6(Min)	Cm	G7	G7	Cm
		C7	Fm	D7	G7
TRADITIONAL 12/8	5(Maj)	C	C	C Cdim	Dm7 G7
		F	G7	C	D7 F $\sharp$ dim F6 G7
	6(Min)	Cm	Cm	Cm	Fm G7
		Fm G7	Cm A $\flat$	D7	G7
COUNTRY	5(Maj)	C	C7	F	F
		C	G7	F	C G7
	6(Min)	Cm	Fm7	Cm	C7
		Fm	A $\flat$ 7 G7	Cm	A $\flat$ 7 G7
BLUEGRASS	5(Maj)	C	C F	C	D7 G7
		C C7	F F $\sharp$ dim	C G7	C
	6(Min)	Cm	F	Cm	F
		Cm	F	A $\flat$ 7 G7	Cm
GOSPEL	5(Maj)	C	C7	F7	F7
		C7	G7	F7	C G7
	6(Min)	Cm7	Cm7	Fm7	Fm7
		A $\flat$ 7	Gaug7	Cm7	A $\flat$ 7 G7
TRAD WALTZ	5(Maj)	C	Am	Dm	G7
		C	E7	Am7 D7	G
		Fm7	B $\flat$ 7	E $\flat$ maj7	A $\flat$ maj7
		Dm7 $\flat$ 5	G7	C	C
	6(Min)	Cm	Cm	Fm7	Fm7
		Dm7 $\flat$ 5	G7	Cm	Cm
		C7	C7	Fm7	Fm7
		D7	G7	Cm	Cm
SWING WALTZ	5(Maj)	C	F E7	Am A $\flat$ m	A $\flat$ m Cadd9
		F F $\sharp$ dim	Gm6 A7	D7	Dm7 G7
	6(Min)	Cm Fdim	Cm	Fm6	G7
		Fdim	Cm	F $\sharp$ dim	Fm6

SUGGESTED SONGS

In the following table, the name of a representative song is shown for each rhythm when you perform with the MUSIC STYLIST or MUSIC STYLE ARRANGER.

8 & 16 BEAT

8 Beat 1	Music To Watch Girls By/Down Town/Do You Know The Way To San Jose?/Gergy Girl/Lena/Musica E
8 Beat 2	Born Free/Sealed With A Kiss/The Way We Were/Hey Jude/Here, There And Everywhere/How Deep Is Your Love/Ein Bischen Frieden/Flieg nicht so hoch
8 Beat Slow	The Streets Of London/If/Make It With You/Love Story/Feelings/It's Impossible/My Way
Swing Rock 1	I Love Your Smile/Virtual Insanity/Street Life
Swing Rock 2	For Your Love/Easy Like Sunday Morning/Alone Again
16 Beat Slow	The Way We Were/Arthur's Theme/Nikita/One Hundred Ways
16 Beat Pop	I wanna Be With You/Killing Me Softly/Feel Like Makin Love

ROCK & POP

Comet Rock	Rock Around The Clock/Green Door/Jailhouse Rock/This Ol' House/Kansas City
Rock & Roll	Teddy Bear/Rock Around The Clock
ShuffleR&Roll	Rock Around The Clock/Crazy Little Thing Called Love/Green Door/Teddy Bear/Let's Twist Again/Jailhouse Rock/Blue Suede Shoes
ShuffleBoogie	Bad Leroy Brown/Stop, Ich Will Nach Schwabing
70'sPianoRock	Crocodile Rock/Love Will Keep Us Together/Don't Go Breaking My Heart/Diana
8 Beat Pop	Feel Like Making Love/Ain't That Just The Way
Boy Group	Quint Playing Games With My Heart/No Matter
Slow SwingPop	Morning/Viva I' amour/Matrimony/Killing Me Softly/Ich Hab Überall Blaue Flecken Von Dir/I Can See Clearly Now
70's Rock	Sultans Of Swing/Mississippi/Rocky/Himbeer Eis Zum Fühlück/Chirpy Chirpy Cheep Cheep/Candida/Cracklin' Rosie/Rose Garden/Knock Three Times/Uptown Girl/Words
70's Shuffle	Waterloo/So Long/Garden Party/Big Bad Leroy Brown/Can't Get Enough Of Your Love
60's Pop Hits	Big Girls Don't Cry/It's My Party/Miss Marple's Theme/Sugar Sugar/Runaway/Under The Boardwalk/Monday Monday/Do You Know The Way To San Jose?/I Say A Little Prayer/My Girl Lollipop/Surfin' USA/Downtown
60's Pop	I'm A Believer/I Like It/All My Loving/Hard Day's Night/Apache/Please Please Me/She Loves You/Can't Buy Me Love/How Do You Do It?/Runaway
Hard Rock	Satisfaction/Rock'n All Over The World
ShuffleH.Rock	Your Mamma Don't Dance/Waterloo/Gotta Get You Into My Life
Modern R&Roll	Honky Cat/Bet It On/Honky Tonk Woman
Brit Pop	Honky Cat/Bet It On/Honky Tonk Woman/Satisfaction/Rock'n All Over The World
Surf	Help Me Rhynda/Surfin' USA/Breaking Up Is Hard To Do

BALLAD

8 & 16 Ballad	Let Me Try Again/Love Story Theme
8 Beat Ballad	Yesterday/Falling In Love With You
16Beat Ballad	Nothing's Going To Change My Love For You/Carless Whisper/Baby, I Love You To Want Me
Piano Ballad	Candle In The Wind/Yesterday/If/Bridge Over Troubled Water
ModRockBallad	Try To Remember/Saving All My Love For You/The End Of The World/Falling In Love
Rock Ballad	Theme From A Summer Piac./Love Me Tender/Unchained Melody/The Impossible Dream/The End Of The World/Only You
ModSoulBallad	I Believe I Can Fly/One Day I'll Fly Away
Soul Ballad	Your Love Is King/Saving All My Love For You
Pop Ballad	Only Love/Yesterday
8Bt PopBallad	Lady In Red/Up Were We Belong/I Believe I Can Fly/Don't Break My Heart
16BtPopBallad	Nightshift/Theme Dynastie/Ich Hab Getraut Von Dir
H.Rock Ballad	Hard To Say I'm Sorry/Why Does The Sun Goes Shining
R&B Ballad	Georgia On My Mind/The Birth Of The Blues/Summertime/Born To Be Blue
ShuffleBallad	Chanson D'amour/I Can't Help Falling In Love With You/The End Of The World/Sail Along Silv'ry Moon/Saving All My Love For You/Only You
Christmastime	Once In Royal David's City/While Shepherds Watched Their Flocks By Night/Have Yourself A Merry Little Christmas/White Christmas/The Christmas Song/Good King Wenceslas/I'll Be Home For Christmas/Auld Lang Syne

SUGGESTED SONGS

SOUL & FUNK

Soul Rock	The Way Of The World/What's Going On
70's Soul	You Are The Sunshine Of My Life/Going Out Of Head/For Once In My Life
Soft Groove	I Like Your Smile/Feel's So Good/We're In This Love Together/I Can't Get By Without You/Feel Like Makin' Love/I Just Want To Hang Around/Mornin'/Feelin' Groovy
Soul	I Feel Good/Watermelon Man/I Heard It On The Grapevine
Funk	Invitations/Streetlife/Axel-F/Superstition/Real Mother For You/Play That Funky Music/Lessons In Love/Running In The Familie
Soul Funk	Watermelon Man/Spinning Wheel
Swing Funk	I Love Your Smile/Morning/What's Going On
Soul Piano	Sitting At The Dock Of The Bay/Sunny/I Wish I Knew How It Felt To Be Free
8 Beat Soul	Going Out Of My Head/Every Breath You Take/Bumpin' On Sunset/Comeback And Stay
16 Beat Soul	Rainy Night In Georgia/Through The Fire/Never Gonna Changing My Love For You
Pop Bossa	Half A Minute/More Than I Can Bear
Jazz Rock	Mountain Dance/Early A.M.Attitude/History Lesson
Jazz Pop	Can't Get Bye Without You/You To Me Are Everything/Easier Said Than Done

MODERN DANCE

Euro Dance	Barbie Girl/Mr.President
House	Do You Beleave/Insel mit 2 Bergen
70's Disco	The Hustle/Love Boat Theme
Disco	I Will Survive/Turn The Best Around/Night Birds/Invitations/Lady Bump
Modern Samba	Une-Dos-Tres/Samba De Janeiro/Ole'-Ole'-Ole'
Euro House	Rhythm Is A Dancer/No Limits/The Flintstones
Caribarena	Macarena/Quantanamera
Dance Reggae	Coco-Jambo/Reggae Night/All That's She Wants/Lass Die Sonne In Dein Herz/Mathilda/Kalimba De Luna/Happy Nation/To Love Somebody/Mach Mich An/Kinston Town
Modern Reggae	Can't Help Falling In Love/No Woman No Cry/Pass The Dutchie/Red Red Wine/Games People Play/All Along

GOSPEL & BLUES

Gospel 8Beat	My Sweet Load/Put Your Hand In The Hand
Gospel Ballad	Amazing Grace/Just A Closer Walk With Thee
Gospel Shuffle	Give Me That Old Time Religion/Amen/Closer Walk With Tree
Gospel Revival	Just A Closer Walk With Thee/He's Got The Whole World In His Hand/Gonna Build A Mountain
Rhythm&Blues	Working 9 to 5/Sunny
Blues R&Roll	Your Mamma Don't Dance/Night Train
R&B Piano	I Feel Good/Papa's Got A Brand New Bag/The Funky Chicken/Proud/Sunny/I Wish I Knew How It Would Feel To Be Free
Slow Blues	Wabash Blues/Basin Street Blues/Hymn To Freedom/Tin Roof Blues
Hip R&B	Cantaloupe Island/Smoke Over Water
Gospel 3/4	Old Rugged Cross/Amazing Grace
Soul R&B	Mercy Mercy/Respect/Watermelon Man

COUNTRY & WESTERN

Bluegrass	On The Road Again/Thank God I'm A Country Boy/Yakety Sax
Mod.Bluegrass	Alabama Jubilee/She'll Be Coming' Round The Mountain/The Jackson/I Cross The Line/Rovert E.Lee/Take It Easy Altes Haus/Yakety Sax/Auf Den Autobahn/Turkey In The Straw/Camptown Races/Big Train From Memphis
Square Dance	Turkey In The Straw/Oh Susanna/Deep In The Heart Of Texas/Red River Valley
Country 2Step	You Are My Sunshine/Your Cheating Heart/Home On The Range/Cotton Fields Back Home/King Of The Range/Tom Dooley/South Of The Border/Swanee River
Country Waltz	Tennessee Waltz/Could I Have This Dance
Country Pop	Southern Nights/Ein Bett Im Kornfeld/Listen To The Music/Let Your Love Go
Country Shffle	Heartache Tonight/Your Mama Don't Dance
Country Blues	King Of The Road/Kansas City
Country Piano	Please Release Me/Blueberry Hill/Help Me Make It Through The Night/Sail Along Silv'ry Moon
Piano Showman	Five Foot Two/Eyes Of Blue/For Me & My Gal/Put On A Happy Face/Leaning On A Lampost/Won't You Play A Simple Melody/Somebody Stole My Gal/Bye Bye Blackbird/Cabaret
Country Ballad	You Needed Me/Crazy/I Love You Because/Your Cheatin Heart/Anytime/For The Good Times/Green Green Grass Of Home/Make The World Go Away/Paper Roses/You Needed Me
8 Beat Folk	All I Ever Need Is You/Country Roads/The Streets Of London

SUGGESTED SONGS

MARCH & WALTZ

USA March 2/4	Stars & Stripes/ Anchors Aweigh
USA March 6/8	The Trombones/ Liberty Bell/ Off We Go Into The Wide Blue Yonder/ Navy Blue And Gold
German March	Aus Böhmen Kommt Die Musik/ Anneliese/ Aces High (Luftwaffe March) / Militär Marsch/ Alte Kameraden/ Radetzky Marsch/ Die Rose Vom Wörther See
Polka 2/4	Clarinet Polka/ Klarinetten Muckl/ Trompeten Echo/ Circus Polka/ Lichtensteiner Polka/ Helena Polka Village Tavern Polka
Bavarian Polka	Trompeten Echo/ Klarinetten Muckl/ Guten Morgen/ Tiroler Holzhacker
Waltz	Skater's Waltz/ Scarborough Fair/ Romance/ Lullaby/ Tammy/ Try To Remember/ Waltzing Matilda/ Lavender's Blue/ Moon River/ Fascination/ The Sweetheart Tree/ Charade
Musette Waltz	Under Paris Skies/ Que Sera, Sera
German Waltz	In Munchen Steht ein Hofbräuhaus/ Schnee Walzer
Classic Vienna	Skater's Waltz/ The Blue Danube Waltz/ Wein, Wein, Nur Du/ Allein

BIG BAND & SWING

Big Band Fast	Chicago/ Take The 'A' Train/ It's Only A Papetroom/ Just Friends/ In The Mood/ S'Wonderful
Big Band Mid	Where Or When/ Foggy Day/ Sentimental Journey/ Deep Purple/ Tuxedo Junction/ Stompin' At The Savoy/ April In Paris/ Satin Doll/ Jada
Big Band Slow	All The Things You Are/ I'm In The Mood For Love/ Red Roses For A Blue Lady/ Laura/ Deep Purple/ Little Brown Jug/ Moonglow/ All Of Me/ Smoke Gets In Your Eyes/ September Song/ Tuxedo Junction/ April In Paris
Big Band Ballad	I Can't Get Started/ Lil' Darlin'/ Autumn Leaves/ In A Sentimental Mood/ Over The Rainbow/ Someone To Watch Over Me/ Moonlight In Vermont
Dance Band	Polka Dots And Moonbeams/ Moonlight Serenade/ Misty/ Autumn In New York/ I Know Why/ The Nearness Of You/ I Can't Get Started
The Main Event	The Lady Is A Tramp/ All Of Me/ Almost Like Being In Love/ Mack The Knife/ I Won't Dance/ I Get A Kick Out Of You/ Cheek To Cheek/ Zingwent The Strings Of My Heart/ Misty/ Laura
Swing Band	Jada/ Sweet Georgia Brown/ Don't Get Around Much Anymore/ How High The Moon
Orch. Swing	I've Grown Accustomed To Her Face/ Unforgettable/ La Mer (Beyond The Sea)/ I Wish You Love/ Blue Moon/ Let There Be Love/ What Kind Of Fool Am I/ Stranger On The Shore/ Smile/ Tendercy/ Our Love Is Here To Stay/ Days Of Wine And Roses
Swingy Waltz	Hello, Young Lovers/ Bluesette
Jazz Waltz	Hello, Young Lovers/ Bluesette/ Lover
Big Band Boogie	Chatanooga Choo Choo/ Tuxedo Junction/ American Patrol/ Stompin' At The Savoy/ In The Mood/ Pennsylvania 6-5000/ Boogie Woogie Bugle Boy Of Company B
Romantic Swing	Smile/ La Mer/ Autumn Leaves/ I Will Wait For You

JAZZ COMBO

Bebop	On Green Dolphin Street/ All Of Me/ This Can't Be Love/ How High The Moon/ I Hear Music
Jazz Combo	How High The Moon/ Don't Get Around Much Anymore/ Jada
Jazz Quartet	Give Me The Simple Life/ Fly Me To The Moon/ It Had To Be You/ Paper Moon/ There Will Never Be Another You/ All Of Me/ How High The Moon/ Autumn Leaves/
Jazz Quintet	Lullaby Of Birdland/ September In The Rain/ What A Difference A Day Made/ Days Of Wine And Roses/ Pick Yourself Up/ Let There Be Love
Lounge Piano	The Shadow Of Your Smile/ The Nearness Of You
ACappella Jazz	Mr. Sandman/ Sweet Georgia Brown
Modern Jazz	Lullaby Of Birdland/ Green Dolphin Street/ How High The Moon
Dixie Band	When The Saints Go Marching In/ Back Home Again In Indiana/ Just A Closer Walk With Thee/ Alexander's Ragtime Band/ Five Foot Two/ Why Down Yonder In New Orleans
Jazz Ballad	Cry Me A River/ Days Of Wine And Roses/ Little Darling/ Misty/ Round' Midnight/ I Cried For You/ A Nightingale Sang In Berkley Square
Gypsy Jazz	Undecided/ It Don't Mean A Thing (If It Ain't Got That Swing)/ Pick Yourself Up/ Lullaby Of The Leaves/ I Can't Give You Anything But Love/ Sweet Georgia Brown/ Honeysuckle Rose/ I'm Beginning To See The Light/ Jeepers Creepers/ The Sheik Of Araby
Boogie Woogie	The Boogie Woogie/ Shake, Rattle & Roll
Organ Combo	The Cat/ Watermelon Man/ Comin' Home Baby/ Bond Street
Accordion Jazz	Jeepers Creepers/ All Of Me/ Honeysuckle Rose/ I Love Paris/ Autumn Leaves/ Blue Moon/ Take The 'A' Train
Roaring 20's	Five Foot Two/ Thoroughly Modern Millie/ Darktown Strutter's Ball/ Lullaby Of Broadway/ The Charleston/ Bill Bailey Won't You Please Come Home
Club Combo	Jada/ Honeysuckle Rose/ Hello Dolly/ Tie A Yellow Ribbon/ Baby Face/ Bye Bye Blues/ After You've Gone/ C'est Si Bon/ Blue Moon/ Lady Is A Trame/ Cheek To Cheek

SUGGESTED SONGS

BALLROOM

Ballroom Fox	L Is For Lover/Daukeschöu
Euro Foxtrot	I Get A Kick Out Of You/All Of Me/Hundert Bunte Bänder/Tie A Yellow Ribbon/ Hello Mary, Lou/Spiel Mir Eine Uleine Melodia/Schmidtchen Schleiger/Cheek To Cheek/ I've Got The Sun In The Morning/Oh When The Saints/Biene Maja/S' Wonderful/ I Won't Dance/Paper Roses/Auf Wiedersehen
Quick Foxtrot	Anything Goes/Hello Dolly/The Lady Is A Tramp/I've Got You Under My Skin/ I Get A Kick Out Of You
Quickstep	Hello Dolly/On The Street Where You Live/Mackie Messer (Mack The Knife)/Chicago/ Tie A Yellow Ribbon/Hallo, Kleines Fräulein/Exactly Like You/Tiger Rag/12th Street Rag/ Bye Bye Blues/A Walk In The Black Forest
English Waltz	True Love/Moon River/Edelweiss/Charade/Always/When I Need You/Fascination/ The Loveliest Night Of The Year/The Last Waltz/Fly Me To The Moon
Twist	When/Lets Twist Again/Lets Dance/Hawai 50/Stager Lee/Your Mama Don't Dance/Kansas City
Modern ChaCha	China/Tea For Tow/Never On A Sunday/Perfidia
BallroomMambo	Cherry Pink And Apple Blossom White/Perfidia/Besame Mucho/Tea For Two/Isle Of Capri/ Por Favor/Never On A Sunday
Tango Europe	Midnight Tango/Tango Jalousy/Frenesia
Vienna Dance	Wiener Blut/Donau-Wellen/Imperial Waltz/The Blue Danube/Gold Und Silber/ Waltz (An Der Schönen Blauen Donau)/Schneewalzer/Heut'ist Night Ein Feiertag Für Mich
Pasodoble	Viva Espana/Espana Cani/Spauiens Gitarren/Spanish Gypsy Dance

LATIN & WORLD

Bossanova	Girl From Ipanema/A Day In The Life Of A Fool/Quiet Nights Of Quiet Stars
Light Bossa	Quiet Nights Of Quiet Stars/Desidinardo/Girl From Ipenema/How Insensitive/So Nice/Call Me/ Dindi/Meditation/Hurry Up & Love Me/Wave/Speak Low/The Breeze And I
Beguine	Smile/O, Sole Mio/Besame Mucho/Moon Over Naples/More/Begin The Beguine/Amor Amor/ The Shadow Of Your Smile
Rhumba	Dancing In The Dark/Night And Day/Blue Bayou/Besame Mucho/El Bimbo/Perfidia/More
Hawaiian	Hawaiian Wedding Song/Blue Hawaii
Cha Cha	Tea For Two/Perfidia
Cuban Mambo	Anna/Tico-Tico/La Banba
Tango Argent	Tango Yealoyso/Midnight Tango/On Capri/Blue Tango
Samba	Brazil/Amapola/Tico-Tico/Copacabana/Bamboleo
Salsa	Tico-Tico/I Go To Rio
Bossa 2/2	Quiet Nights Of Quiet Stars/Desifinado/Girl From Ipenema/Wave/How Insensitive/ So Nice/Dindi/Meditation
Samba Rock	Quando Quando/Brazil/Tristessa
HawaiiShuffle	Hawaiian War Chant/Little Grass Shack
Mariachi	El Cumbanchero/Mexican Hat Dance/Marina, Marina/Tico-Tico/La Cucaracha
Calypso	The Banana Boat Song/Island In The Sun/Kingston Town
Merengue	Brazil/Quando Quando/Lambada
Bolero	Begin The Beguine/The Breeze And I/Bei Mir Bist Du Immer So Schön/ The Shadow Of Your Smile/Isle Of Capri/O, Sole Mio/Night And Day
Cumbia	What A Difference A Day Makes/Our Day Will Come/Little Boat
Irish Jig	Irish Washer Woman/McNamara's Band
Tarantella	The Tarantella/Funiculi Funicula
Sirtaki	Never On A Sunday/Zorba's Dance
Scottish Reel	Scotland The Brave/Loch Lomond
ItaliaRomance	Return To Sorrento/Santa Lucia

SUGGESTED SONGS

ENTERTAINER

Simple 8 Beat	Yesterday/Living Next Door To Alice/Rhinestone-Cowboy/Ein Bischen Frieden/Fernando
Simple 16Beat	Nikita/Lady In Red/Quantanamera
Shuffle	Lucky Lips/See You Later Alligator/Woody Woody
Ballad 12/8	Wonderful World/Falling In Love With You/Dr. Chiwago
Simple Waltz	Ice-Scater Waltz/Für Mich Soll's Rote Rosen Regnen/Schneewalzer
R&B Pop	Sex Bomb/Put My Blue Jeans On/Stand By Me
Samba Rio	Brazil/Tequila
ModernBeguine	Besame Mucho/Begin The Beguine/Quando Caliente El Sole/Ramona
Party Pop	La Paloma Blanca/Sun Of Jamaica/Fiesta Mexicana/Karamba-Karacho-Ein Whiskey
Slow Foxtrot	Red Roses Of A Blue Lady/Dankeschoen/Raindrops Keep Falling On My Head/Close To You
Pop Rhumba	Besame Mucho/Song From Jungle Book/Spanish Eyes/Night And Day/I Could Have Danced All Night
German Pop 1	Wahnsinn/Verlieben Verlor'n
German Pop 2	La Paloma Blanca/Fiesta Mexicana/Ibiza!/La Paloma/Amor Amor/ Es Kann Der Fremde Nicht In Frieden Leben/Eloisa/Amapola/Congratulations/Yellow River/ Am Weißen Stand Von San Angdo/Ich Komme Wieder/Adios Amor/Ay No Digas/ Das Wandern Ist Des Müller's Lust/Fahre
Disco Samba	Two Man Sound Disco Samba/Nega/Hey Amigo Charly/Zozueira/Charlie Brown/Tristeza/ Brasil/The Girls From Paramaribo/Copacabana
Party March	Ein Heller & Ein Batzen/Rucki-Zucki/Obladi Oblada
Schlager	Die Rote Sonne Von Borbados/Am Weißen Strand Von St Angelo
GermanFoxtrot	Tie A Yellow Ribbon/Maja
German Ballad	Unchained Melody/Earth Angel/Sierra Madre/Ave Maria/Love Me Tender/Memory/ Wake Me Up Before You Go/Merci Cherrie/Falling In Love With You/True Love Ways/ The End Of The World/Die Kleine Kneipe/I Can't Help Falling In Love
70's Party	I see This Train Is Coming/Wien Bleibt Wien/Jetztgeht Die Party Richtig Los/ Gentle On My Mind/Starparade/Tijuana Taxi/Ra-Ta-Ta-Ta/Cecilia/Liechtensteiner Polka
Oldies	Under The Boardwalk/Save The Last Dance For Me (Darling)/What A Wonderful World/ Diana/Don't Say I Love You Tomorrow/Cindy, Oh Cindy/A Teenager In Love/ All I Do Is Want To Have Some Fun/Kiss Me Quick/Johnny Angel/Cinderella Baby/

MOVIE & SHOW

Space Epic	Star Wars/Superman Theme/The Right Stuff/Star Trek (The Next Generation)
Secret Agent	Bond Theme/Diamonds Are Forever/Goldfinger/You Only Live Twice/From Russia With Love/ Eye Level/Casino Royal
Animation	Reflection/Colors Of The Wind/A Whole New World/Go The Distance/Beauty And The Beast/ Somewhere Out There
Showstopper	Be Our Guest/Friend Like Me/Topsy Turvy/Oklahoma/I Could Have Dances All Night/ Plink,Plank,Plunk
Movie Disco	Fame/Flashdance/Dirty Dancing/Stain' Alive/Dangerous
Tap Dancers	Cheek To Cheek/They Can't Take Away From Me/Let's Call The Whole Thing Off/ They All Laughed/Change Partners/Isn't This A Lovely Day To Get Caught In The Rain/ It's A Lovely Day Today/Top Hat/White Tie & Tails/Easter Parade/We're A Couple Of Swells
Summer Ballad	Theme From "A Summer Place"/Unchained Melody/Memory (From "Cats")
Epic Ballad	Tara's Theme (Gone With The Wind)/Love Is A Many Splendored Thing/Tomorrow/ Don't Cry For Me Argentina/Till There Was You
Movie Swing	Stepping Out With My Baby/New York, New York (On The Town)/Get Happy/I Hear Music/ I Got Rhythm/The Lady Is A Tramp/Fascinating Rhythm
Movie Waltz	Moon River/Charade/Shadows Of Paris/Que Sera Sera/My Favorite Things/Chim Chim Cheree/ True Love/Lara's Theme (Dr Zhivago)/Edelweiss
Movie Ballad	Somewhere Out There/Beauty & The Beast
Orch. Ballad	My Heart Will Go On/Didn't We Almost Have It All/I Believe In You & Me/ The Greatest Love Of All/I Will Always Love You
80's Ballad	Make It With You/Man In Motion/Goin' Out Of My Head
Show Ballad	One/Singing In The Rain/Surrey With A Fringe On Top
Broadway Show	There's No Business Like Show Business/That's Entertainment/The Trolley Song/ Give My Regards To Broadway/Great Day/Donkey Serenade/Hooray For Hollywood/ Everything's Coming Up Roses/Luck Be A Lady/I Got Rhythm/Be A Clown
NightClubShow	You Make Me Feel So Young/And All That Jazz/Bye Bye Blues/Route 66/Can't Hurry Love
Show Stride	Side By Side/Ain't Misbehavin Making Whoopie/Me Any My Shadow/Bye Bye Blackbird

DRUM KITS

Key No.	Other Kits	Brush Kit	Jazz/ Trad Kit	Electric Kit	Voice Kit	Bongo & Conga Kit	Orchestral Kit	Previous Orch.Kit	Sound Effect Kit
C-2 0	-	-	-	-	-	-	-	-	-
C#-2 1	-	-	-	-	-	-	-	-	-
D-2 2	Electric Snare Drum	Hand Claps	Brush Tap	<---- (Other Kits)	-	-	-	-	-
D#-2 3	Electric Tom Low	<----	<----	<----	-	-	-	-	-
E-2 4	Electric Tom Mid	<----	<----	<----	-	-	-	-	-
F-2 5	Electric Tom High	<----	<----	<----	-	-	-	-	-
F#-2 6	Orchestral Tambourine	<----	<----	<----	-	-	-	-	-
G-2 7	Orchestral Bass Drum	<----	<----	<----	-	-	-	-	-
G#-2 8	Orchestral Snare Drum	<----	<----	<----	-	-	-	-	-
A-2 9	Orchestral Cymbal	<----	<----	<----	-	-	-	-	-
A#-2 10	Brush Swirl	Snare Drum 1	<---- (Other Kits)	<---- (Other Kits)	-	-	-	-	-
B-2 11	Brush Slap	Snare Drum 2	<---- (Other Kits)	<---- (Other Kits)	-	-	-	-	-
C-1 12	Voice Ah	<----	<----	<----	-	-	-	Snare Roll	-
C#-1 13	Voice Yeh	<----	<----	<----	-	-	-	Snare Drum	-
D-1 14	Voice Uhs	<----	<----	<----	-	-	-	Finger Snap	-
D#-1 15	Ambient Hammer	<----	<----	<----	-	-	-	Sticks	-
E-1 16	Click 1	<----	<----	<----	-	-	-	High Q	-
F-1 17	Click 2	<----	<----	<----	-	-	-	Voice Ah	-
F#-1 18	Hi-Hat On-Beat	<----	<----	<----	-	-	-	Voice Yeh	-
G-1 19	Hi-Hat Off-Beat	<----	<----	<----	-	-	-	Sleigh Bell	-
G#-1 20	Hi-Hat Accent	<----	<----	<----	-	-	-	Castanets 2	-
A-1 21	Hi-Hat Half Open	<----	<----	<----	-	-	-	Orchestral Tambourine	-
A#-1 22	Reverse Cymbal	<----	<----	<----	-	-	-	Reverse Cymbal	-
B-1 23	Reverse Snare	<----	<----	<----	-	-	-	Reverse Snare	-
C0 24	Piccolo Snare	<----	<----	<----	-	-	Gong	Cymbal with Soft Mallet	Organ Click
C#0 25	Snare Roll	<----	<----	<----	-	-	Rattle	Orchestral Cymbal 2	Flute Breath Noise
D0 26	Finger Snap	<----	<----	<----	-	-	Cymbal with Soft Mallet	Ride Cymbal 1	Sax Breath Noise
D#0 27	High Q	<----	<----	<----	-	-	Hi-Hat Closed	Bell Tree	Click 1
E0 28	Slap	<----	<----	<----	-	-	Hi-Hat Pedal	Ride Bell	Click 2
F0 29	Scratch Push	<----	<----	<----	-	-	Hi-Hat Open	Windchime	Slap Bass Dead Note
F#0 30	Scratch Pull	<----	<----	<----	-	-	Ride Cymbal 1	Gong	A.Guitar Body Hit 1
G0 31	Sticks	<----	<----	<----	-	-	<---- (Other Kits)	Brush Swirl	A.Guitar Body Hit 2
G#0 32	Square Click	<----	<----	<----	-	-	<---- (Other Kits)	Orchestral Snare Drum 2	A.Guitar Pick Mute
A0 33	Metronome Tap	<----	<----	<----	-	-	<---- (Other Kits)	Jazz Tom Low	A.Guitar Fret Hit 1
A#0 34	Metronome Bell	<----	<----	<----	-	-	<---- (Other Kits)	Jazz Tom Mid	A.Guitar Fret Hit 2
B0 35	Bass Drum 2	<----	<----	<----	-	-	<---- (Other Kits)	Jazz Tom High	A.Guitar Fret Hit 3
C1 36	Bass Drum 1	<----	<----	<----	-	-	Orchestral Bass Drum 2	Orchestral Bass Drum 1	A.Guitar Fret Noise 1
C#1 37	Rim Shot	<----	<----	<----	-	-	Orchestral Bass Drum 1	Orchestral Bass Drum 2	A.Guitar Fret Noise 2
D1 38	Snare Drum 1	Brush Tap	<---- (Other Kits)	<---- (Other Kits)	Voice Bass Drum	Bongo Pattern1 -beat1	Orchestral Snare Drum 1	Orchestral Snare Drum 1	A.Guitar Pick Noise
D#1 39	Hand Claps	Brush Slap	<---- (Other Kits)	<---- (Other Kits)	Voice Rim	Bongo Pattern1 -beat2	Castanets	Brush Slap	High Q
E1 40	Snare Drum 2	Brush Swirl	<---- (Other Kits)	<---- (Other Kits)	Voice Snare Drum 1	Bongo Pattern1 -beat3	Orchestral Snare Drum 2	Orchestral Snare Drum 2	Slap
F1 41	Bass-Tom Low	<----	<----	<----	Voice Snare Drum 2	Bongo Pattern1 -beat4	Timpani F	Low-Tom 1	Scratch Push
F#1 42	Hi-Hat Closed	<----	<----	<----	Voice Snare Drum 3	Bongo Pattern1 -beat5	Timpani F#	Low-Tom 2	Scratch Pull
G1 43	Bass-Tom High	<----	<----	<----	Voice Hi-Hat Close 1	Bongo Pattern1 -beat6	Timpani G	Mid-Tom 1	Sticks
G#1 44	Hi-Hat Pedal	<----	<----	<----	Voice Tom 2	Bongo Pattern1 -beat7	Timpani G#	Mid-Tom 2	Square Click
A1 45	Low-Tom	<----	<----	<----	Voice Hi-Hat Close 2	Bongo Low Open	Timpani A	High-Tom 1	Metronome Tap
A#1 46	Hi-Hat Open	<----	<----	<----	Voice Tom 3	Bongo High Mute	Timpani A#	High-Tom 2	Metronome Bell
B1 47	Mid-Tom Low	<----	<----	<----	Voice Hi-Hat Open	Bongo Low Mute	Timpani B	Rim Shot	E.Guitar Fret Noise
C2 48	Mid-Tom High	<----	<----	<----	Voice Tom 4	Bongo Pattern2 -beat1	Timpani c	Hi-Hat On-Beat	E.Guitar Cutting Up
C#2 49	Crash Cymbal 1	<----	<----	<----	Voice Tom 5	Bongo Pattern2 -beat2	Timpani c#	Hi-Hat Off-Beat	E.Guitar Cutting Down
D2 50	High-Tom	<----	<----	<----	Breath In	Bongo Pattern2 -beat3	Timpani d	Hi-Hat Open	Ac.Bass String Slap
D#2 51	Ride Cymbal 1	<----	<----	<----	Voice Tom 6	Bongo Pattern2 -beat4	Timpani d#	Orchestral Cymbal 1	Flute Key Click
E2 52	China Cymbal	<----	<----	<----	Voice Kah	Bongo Pattern2 -beat5	Timpani e	Orchestral Cymbal 2	Laughing
F2 53	Ride Bell	<----	<----	<----	Voice Ha	Bongo Pattern2 -beat6	Timpani f	Tambourine Accent	Scream
F#2 54	Tambourine	<----	<----	<----	Voice Hi	Bongo Pattern2 -beat7	Orchestral Tambourine	Tambourine On-Beat	Punch
G2 55	Splash Cymbal	<----	<----	<----	Voice Uh	Bongo Pattern2 -beat8	Orchestral Tambourine	Castanets 1	Heart Beat
G#2 56	Cowbell	<----	<----	<----	Voice Un	Bongo Pattern3 -beat1	<---- (Other Kits)	Triangle Mute	Footsteps 1
A2 57	Crash Cymbal 2	<----	<----	<----	Voice Ah	Conga1 Slide	Orchestral Cymbal 2	Triangle Open	Footsteps 2
A#2 58	Vibraslap	<----	<----	<----	Voice Aso	Conga2 Slide	<---- (Other Kits)	Rattle	Applause
B2 59	Ride Cymbal 2	<----	<----	<----	Voice Brrr	Conga3 Slide	Orchestral Cymbal 1	Cowbell	Door Creaking
C3 60	Bongo High	<----	<----	<----	Voice Culca H	Conga1 Pattern-beat1	<---- (Other Kits)	Timpani C	Door
C#3 61	Bongo Low	<----	<----	<----	Voice Culca L	Conga1 Pattern-beat2	<---- (Other Kits)	Timpani C#	Scratch
D3 62	Conga Mute Slap	<----	<----	<----	Chest Hit 1	Conga1 Pattern-beat3	<---- (Other Kits)	Timpani D	Windchimes
D#3 63	Conga High	<----	<----	<----	Chest Hit 2	Conga1 Pattern-beat4	<---- (Other Kits)	Timpani D#	Car-Engine
					Chest Hit 3				

DRUM KITS

Key No.	Other Kits	Brush Kit	Jazz/ Trad Kit	Electric Kit	Voice Kit	Bongo & Conga Kit	Orchestral Kit	Previous Orch Kit	Sound Effect Kit
E3 64	Conga Low	<--->	<--->	<--->	Chest Hit 4	Conga1 Pattern-beat5	<---> (Other Kits)	Timpani E	Car-Stop
F3 65	Timbales High	<--->	<--->	<--->	Chest Hit 5	Conga1 Pattern-beat6	<---> (Other Kits)	Timpani F	Car-Pass
F#3 66	Timbales Low	<--->	<--->	<--->	Chest Hit 6	Conga1 Pattern-beat7	<---> (Other Kits)	Timpani F#	Car-Crash
G3 67	Agogo High	<--->	<--->	<--->	Chest Hit 7	Conga1 Pattern-beat8	<---> (Other Kits)	Timpani G	Siren
G#3 68	Agogo Low	<--->	<--->	<--->	Chest Hit 8	Conga1 Open	<---> (Other Kits)	Timpani G#	Train
A3 69	Cabasa	<--->	<--->	<--->	Shout One	Conga1 Mute	<---> (Other Kits)	Timpani A	Jetplane
A#3 70	Maracas	<--->	<--->	<--->	Shout Two	Conga1 Open Slap	<---> (Other Kits)	Timpani A#	Helicopter
B3 71	Short Whistle	<--->	<--->	<--->	Shout Three	Conga1 Mute Slap	<---> (Other Kits)	Timpani B	Starship
C4 72	Long Whistle	<--->	<--->	<--->	Shout Four	Conga2 Pattern-beat1	<---> (Other Kits)	Timpani c	Gun Shot
C#4 73	Guiro Short	<--->	<--->	<--->	Pick Up Count	Conga2 Pattern-beat2	<---> (Other Kits)	Timpani c#	Machine Gun
D4 74	Guiro Long	<--->	<--->	<--->	Count 1	Conga2 Pattern-beat3	<---> (Other Kits)	Timpani d	Lasergun
D#4 75	Claves	<--->	<--->	<--->	Count 2	Conga2 Pattern-beat4	<---> (Other Kits)	Timpani d#	Explosion
E4 76	Wood Block H	<--->	<--->	<--->	Count 3	Conga2 Pattern-beat5	<---> (Other Kits)	Timpani e	Dog
F4 77	Wood Block L	<--->	<--->	<--->	Count 4	Conga2 Pattern-beat6	<---> (Other Kits)	Timpani f	Horse-Gallop
F#4 78	Cuica Mute	<--->	<--->	<--->	Voice Uhs	Conga2 Pattern-beat7	<---> (Other Kits)	Timpani f#	Birds
G4 79	Cuica Open	<--->	<--->	<--->	Girl Voice Ah	Conga2 Pattern-beat8	<---> (Other Kits)	Timpani g	Rain
G#4 80	Triangle Mute	<--->	<--->	<--->	Girl Voice Yeh	Conga2 Open	<---> (Other Kits)	Timpani g#	Thunder
A4 81	Triangle Open	<--->	<--->	<--->	Laughing	Conga2 Mute	<---> (Other Kits)	Timpani a	Wind
A#4 82	Shaker	<--->	<--->	<--->	Scream	Conga2 Open Slap	<---> (Other Kits)	Timpani a#	Seashore
B4 83	Sleigh Bell	<--->	<--->	<--->	-	Conga2 Mute Slap	<---> (Other Kits)	Timpani b	Stream
C5 84	Bell Tree	<--->	<--->	<--->	-	Conga3 Pattern-beat1	<---> (Other Kits)	Tubular Bells c	Bubble
C#5 85	Castanets	<--->	<--->	<--->	-	Conga3 Pattern-beat2	<---> (Other Kits)	Tubular Bells C#	Telephone 1
D5 86	Surdo Mute	<--->	<--->	<--->	-	Conga3 Pattern-beat3	<---> (Other Kits)	Tubular Bells D	Telephone 2
D#5 87	Surdo Open	<--->	<--->	<--->	-	Conga3 Pattern-beat4	<---> (Other Kits)	Tubular Bells D#	Church Bell
E5 88	Applause	<--->	<--->	<--->	-	Conga3 Pattern-beat5	<---> (Other Kits)	Tubular Bells E	Carillon
F5 89	Windchime	<--->	<--->	<--->	-	Conga3 Pattern-beat6	<---> (Other Kits)	Tubular Bells F	Gong
F#5 90	Samba Drum On-Beat	<--->	<--->	<--->	-	Conga3 Pattern-beat7	-	Tubular Bells F#	Sleigh Bell
G5 91	Samba Drum Off-Beat	<--->	<--->	<--->	-	Conga3 Pattern-beat8	-	Tubular Bells G	Metal Hit Low
G#5 92	Small Conga High	<--->	<--->	<--->	-	Conga3 Open	-	Tubular Bells G#	Metal Hit High
A5 93	Small Conga Low	<--->	<--->	<--->	-	Conga3 Mute	-	Tubular Bells A	Small Bell
A#5 94	Conga Mute On-Beat	<--->	<--->	<--->	-	Conga3 Open Slap	-	Tubular Bells A#	Temple Block
B5 95	Conga Mute Off-Beat	<--->	<--->	<--->	-	Conga3 Mute Slap	-	Tubular Bells B	Ambient Hammer
C6 96	Conga Open Slap	<--->	<--->	<--->	-	Conga4 Pattern-beat1	-	Tubular Bells c	Hand Claps
C#6 97	Bongo Mute 1	<--->	<--->	<--->	-	Conga4 Pattern-beat2	-	Tubular Bells c#	Crowd Claps
D6 98	Bongo Mute 2	<--->	<--->	<--->	-	Conga4 Pattern-beat3	-	Tubular Bells d	Orch Hit Low
D#6 99	Bongo Mute 3	<--->	<--->	<--->	-	Conga4 Pattern-beat4	-	Tubular Bells d#	Orch Hit High
E6 100	Timbales Open High	<--->	<--->	<--->	-	Conga4 Pattern-beat5	-	Tubular Bells e	Voice Ah
F6 101	Timbales Palla	<--->	<--->	<--->	-	Conga4 Pattern-beat6	-	Tubular Bells f	Voice Yeh
F#6 102	Samba Whistle High	<--->	<--->	<--->	-	Conga4 Pattern-beat7	-	Tubular Bells f#	Voice Uhs
G6 103	Samba Whistle Low	<--->	<--->	<--->	-	Conga4 Pattern-beat8	-	Tubular Bells g	Wind Voice
G#6 104	Shaker On-Beat	<--->	<--->	<--->	-	Conga4 Open	-	Tubular Bells g#	Bird Tweet 1
A6 105	Shaker Off-Beat	<--->	<--->	<--->	-	Conga4 Mute	-	Tubular Bells a	Bird Tweet 2
B6 106	Maracas On-Beat	<--->	<--->	<--->	-	Conga4 Open Slap	-	Tubular Bells a#	Bird 1
B#6 107	Maracas Off-Beat	<--->	<--->	<--->	-	Conga4 Mute Slap	-	Tubular Bells b	Bird 2
C7 108	Tambourine On-Beat	<--->	<--->	<--->	-	-	-	Triangle Mute 2	Bird 3
C#7 109	Tambourine Off-Beat	<--->	<--->	<--->	-	-	-	Surdo Mute	Bird 4
D7 110	Small Wood Block	<--->	<--->	<--->	-	-	-	Surdo Open	Bird 5
D#7 111	Cowbell 1	<--->	<--->	<--->	-	-	-	Vibraslap	Wave 1
E7 112	Cowbell 2	<--->	<--->	<--->	-	-	-	Short Whistle	Wave 2
F7 113	Cowbell 3	<--->	<--->	<--->	-	-	-	Long Whistle	Wave 3
F#7 114	Cowbell 4	<--->	<--->	<--->	-	-	-	Hi-Hat Half Open	Wave 4
G7 115	Cowbell 5	<--->	<--->	<--->	-	-	-	Wood Block L	-
G#7 116	Cowbell 6	<--->	<--->	<--->	-	-	-	Wood Block M	-
A7 117	-	<--->	<--->	<--->	-	-	-	Wood Block H	-
A#7 118	-	<--->	<--->	<--->	-	-	-	Scratch Push	-
B7 119	-	<--->	<--->	<--->	-	-	-	Scratch Pull	-
C8 120	-	<--->	<--->	<--->	-	-	-	Ambient Hammer	-
C#8 121	-	<--->	<--->	<--->	-	-	-	Bass-Tom	-
D8 122	-	<--->	<--->	<--->	-	-	-	High-Tom 3	-
D#8 123	-	<--->	<--->	<--->	-	-	-	Cabasa	-
E8 124	-	<--->	<--->	<--->	-	-	-	Claves	-
F8 125	-	<--->	<--->	<--->	-	-	-	Click 1	-
F#8 126	-	<--->	<--->	<--->	-	-	-	Click 2	-
G8 127	-	<--->	<--->	<--->	-	-	-	Square Click	-

DRUM KITS (GM)

Key No.	Other Kits (GM)	Brush Kit (GM)	Electric Kit (GM)	Orchestral Kit (GM)	SFX Kit (GM)
D#0 27	High Q	<---	<---	Hi-Hat Closed	-
E0 28	Slap	<---	<---	Hi-Hat Pedal	-
F0 29	Scratch Push	<---	<---	Hi-Hat Open	-
F#0 30	Scratch Pull	<---	<---	Ride Cymbal 1	-
G0 31	Sticks	<---	<---	<---	-
G#0 32	Square Click	<---	<---	<---	-
A0 33	Metronome Tap	<---	<---	<---	-
A#0 34	Metronome Bell	<---	<---	<---	-
B0 35	Bass Drum 2	<---	<---	Orchestral Bass Drum 2	-
C1 36	Bass Drum 1	<---	<---	Orchestral Bass Drum 1	-
C#1 37	Rim Shot	<---	<---	<---	-
D1 38	Snare Drum 1	Brush Tap	<---	Orchestral Snare Drum 1	-
D#1 39	Hand Claps	Brush Slap	<---	Castanets	High Q
E1 40	Snare Drum 2	Brush Swirl	<---	Orchestral Snare Drum 2	Slap
F1 41	Bass-Tom Low	<---	<---	Timpani F	Scratch Push
F#1 42	Hi-Hat Closed	<---	<---	Timpani F#	Scratch Pull
G1 43	Bass-Tom High	<---	<---	Timpani G	Sticks
G#1 44	Hi-Hat Pedal	<---	<---	Timpani G#	Square Click
A1 45	Low-Tom	<---	<---	Timpani A	Metronome Tap
A#1 46	Hi-Hat Open	<---	<---	Timpani A#	Metronome Bell
B1 47	Mid-Tom Low	<---	<---	Timpani B	E-Guitar Fret Noise
C2 48	Mid-Tom High	<---	<---	Timpani c	E-Guitar Cutting Up
C#2 49	Crash Cymbal 1	<---	<---	Timpani c#	E-Guitar Cutting Down
D2 50	High-Tom	<---	<---	Timpani d	Ac-Bass String Slap
D#2 51	Ride Cymbal 1	<---	<---	Timpani d#	Flute Key Click
E2 52	China Cymbal	<---	Reverse Cymbal	Timpani e	Laughing
F2 53	Ride Bell	<---	<---	Timpani f	Scream
F#2 54	Tambourine	<---	<---	Orchestral Tambourine	Punch
G2 55	Splash Cymbal	<---	<---	<---	Heart Beat
G#2 56	Cowbell	<---	<---	<---	Footsteps 1
A2 57	Crash Cymbal 2	<---	<---	Orchestral Cymbal 2	Footsteps 2
A#2 58	Vibraslap	<---	<---	<---	Applause
B2 59	Ride Cymbal 2	<---	<---	Orchestral Cymbal 1	Door Creaking
C3 60	Bongo High	<---	<---	<---	Door
C#3 61	Bongo Low	<---	<---	<---	Scratch
D3 62	Conga Mute Slap	<---	<---	<---	Windchimes
D#3 63	Conga High	<---	<---	<---	Car-Engine
E3 64	Conga Low	<---	<---	<---	Car-Slap
F3 65	Timbales High	<---	<---	<---	Car-Pass
F#3 66	Timbales Low	<---	<---	<---	Car-Crash
G3 67	Agogo High	<---	<---	<---	Siren
G#3 68	Agogo Low	<---	<---	<---	Train
A3 69	Cabasa	<---	<---	<---	Jetplane
A#3 70	Maracas	<---	<---	<---	Helicopter
B3 71	Short Whistle	<---	<---	<---	Starship
C4 72	Long Whistle	<---	<---	<---	Gun Shot
C#4 73	Guiro Short	<---	<---	<---	Machine Gun
D4 74	Guiro Long	<---	<---	<---	Lasergun
D#4 75	Claves	<---	<---	<---	Explosion
E4 76	Wood Block H	<---	<---	<---	Dog
F4 77	Wood Block L	<---	<---	<---	Horse-Gallop
F#4 78	Cuica Mute	<---	<---	<---	Birds
G4 79	Cuica Open	<---	<---	<---	Rain
G#4 80	Triangle Mute	<---	<---	<---	Thunder
A4 81	Triangle Open	<---	<---	<---	Wind
A#4 82	Shaker	<---	<---	<---	Seashore
B4 83	Sleigh Bell	<---	<---	<---	Stream
C5 84	Bell Tree	<---	<---	<---	Bubble
C#5 85	Castanets	<---	<---	<---	-
D5 86	Surdo Mute	<---	<---	<---	-
D#5 87	Surdo Open	<---	<---	<---	-
E5 88	-	-	-	Applause	-

EFFECT

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Reverb			
00	00	Room1	
	20	Room2	
01	00	Plate1	
	20	Plate2	
02	00	Concert1	
	20	Concert2	
03	00	Dark1	
	20	Dark2	
04	00	Bright1	
	20	Bright2	
05	00	Long1	
	20	Long2	
06	00	Large_Hall1	
	20	Large_Hall2	
07	00	Live Stage	
	20	Stadium	
09	20	Medium Gate	
	21	Short Gate	
	22	Long Gate	
Chorus			
10	00	Deep1	LFO Speed
	01	Deep2	LFO Speed
	02	Deep3	LFO Speed
	03	Deep4	LFO Speed
	04	Deep5	LFO Speed
	05	Deep6	LFO Speed
	06	Deep7	LFO Speed
	07	Deep8	LFO Speed
	20	Deep9	LFO Speed
	21	Deep10	LFO Speed
	22	Deep11	LFO Speed
	23	Deep12	LFO Speed
	24	Deep13	LFO Speed
	08	Normal1	LFO Speed
	09	Normal2	LFO Speed
	0a	Normal3	LFO Speed
	0b	Normal4	LFO Speed
	0c	Normal5	LFO Speed
	0d	Normal6	LFO Speed
	0e	Normal7	LFO Speed
	0f	Normal8	LFO Speed
	28	Normal9	LFO Speed
	29	Normal10	LFO Speed
	2a	Normal11	LFO Speed
	2b	Normal12	LFO Speed
	2c	Normal13	LFO Speed
	10	Shallow1	LFO Speed
	11	Shallow2	LFO Speed
	12	Shallow3	LFO Speed
	13	Shallow4	LFO Speed
	14	Shallow5	LFO Speed
	15	Shallow6	LFO Speed
	16	Shallow7	LFO Speed
	17	Shallow8	LFO Speed
	30	Shallow9	LFO Speed
	31	Shallow10	LFO Speed
	32	Shallow11	LFO Speed
	33	Shallow12	LFO Speed
	34	Shallow13	LFO Speed
Trio Chorus			
11	00	Deep1	LFO Speed
	01	Deep2	LFO Speed
	02	Deep3	LFO Speed
	03	Deep4	LFO Speed
	04	Deep5	LFO Speed
	05	Deep6	LFO Speed
	06	Deep7	LFO Speed
	07	Deep8	LFO Speed
	20	Deep9	LFO Speed
	21	Deep10	LFO Speed
	22	Deep11	LFO Speed
	23	Deep12	LFO Speed
	24	Deep13	LFO Speed
	08	Normal1	LFO Speed
	09	Normal2	LFO Speed
	0a	Normal3	LFO Speed
	0b	Normal4	LFO Speed
	0c	Normal5	LFO Speed
	0d	Normal6	LFO Speed
	0e	Normal7	LFO Speed
	0f	Normal8	LFO Speed
	28	Normal9	LFO Speed
	29	Normal10	LFO Speed
	2a	Normal11	LFO Speed
	2b	Normal12	LFO Speed
	2c	Normal13	LFO Speed
	10	Shallow1	LFO Speed
	11	Shallow2	LFO Speed
	12	Shallow3	LFO Speed
	13	Shallow4	LFO Speed
	14	Shallow5	LFO Speed
	15	Shallow6	LFO Speed
	16	Shallow7	LFO Speed
	17	Shallow8	LFO Speed
	30	Shallow9	LFO Speed
	31	Shallow10	LFO Speed
	32	Shallow11	LFO Speed
	33	Shallow12	LFO Speed
	34	Shallow13	LFO Speed
Ensemble DW			
13	00	Dry/Wet 1	LFO Speed
	01	Dry/Wet 2	LFO Speed
	02	Dry/Wet 3	LFO Speed
	03	Dry/Wet 4	LFO Speed
	04	Dry/Wet 5	LFO Speed
	05	Dry/Wet 6	LFO Speed
	06	Dry/Wet 7	LFO Speed
	07	Dry/Wet 8	LFO Speed
	20	Dry/Wet 9	LFO Speed
	21	Dry/Wet 10	LFO Speed
	22	Dry/Wet 11	LFO Speed
	23	Dry/Wet 12	LFO Speed
	24	Dry/Wet 13	LFO Speed
Modulated Chorus			
14	00	Deep1	Slow LFO Speed
	01	Deep2	Slow LFO Speed
	02	Deep3	Slow LFO Speed
	03	Deep4	Slow LFO Speed
	04	Deep5	Slow LFO Speed
	05	Deep6	Slow LFO Speed
	06	Deep7	Slow LFO Speed

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Trio Chorus			
11	0d	Normal6	LFO Speed
	0e	Normal7	LFO Speed
	0f	Normal8	LFO Speed
	10	Shallow1	LFO Speed
	11	Shallow2	LFO Speed
	12	Shallow3	LFO Speed
	13	Shallow4	LFO Speed
	14	Shallow5	LFO Speed
	15	Shallow6	LFO Speed
	16	Shallow7	LFO Speed
	17	Shallow8	LFO Speed
Ensemble			
12	00	Deep1	LFO Speed
	01	Deep2	LFO Speed
	02	Deep3	LFO Speed
	03	Deep4	LFO Speed
	04	Deep5	LFO Speed
	05	Deep6	LFO Speed
	06	Deep7	LFO Speed
	07	Deep8	LFO Speed
	20	Deep9	LFO Speed
	21	Deep10	LFO Speed
	22	Deep11	LFO Speed
	23	Deep12	LFO Speed
	24	Deep13	LFO Speed
	08	Normal1	LFO Speed
	09	Normal2	LFO Speed
	0a	Normal3	LFO Speed
	0b	Normal4	LFO Speed
	0c	Normal5	LFO Speed
	0d	Normal6	LFO Speed
	0e	Normal7	LFO Speed
	0f	Normal8	LFO Speed
	28	Normal9	LFO Speed
	29	Normal10	LFO Speed
	2a	Normal11	LFO Speed
	2b	Normal12	LFO Speed
	2c	Normal13	LFO Speed
	10	Shallow1	LFO Speed
	11	Shallow2	LFO Speed
	12	Shallow3	LFO Speed
	13	Shallow4	LFO Speed
	14	Shallow5	LFO Speed
	15	Shallow6	LFO Speed
	16	Shallow7	LFO Speed
	17	Shallow8	LFO Speed
	30	Shallow9	LFO Speed
	31	Shallow10	LFO Speed
	32	Shallow11	LFO Speed
	33	Shallow12	LFO Speed
	34	Shallow13	LFO Speed
Ensemble DW			
13	00	Dry/Wet 1	LFO Speed
	01	Dry/Wet 2	LFO Speed
	02	Dry/Wet 3	LFO Speed
	03	Dry/Wet 4	LFO Speed
	04	Dry/Wet 5	LFO Speed
	05	Dry/Wet 6	LFO Speed
	06	Dry/Wet 7	LFO Speed
	07	Dry/Wet 8	LFO Speed
	20	Dry/Wet 9	LFO Speed
	21	Dry/Wet 10	LFO Speed
	22	Dry/Wet 11	LFO Speed
	23	Dry/Wet 12	LFO Speed
	24	Dry/Wet 13	LFO Speed
Modulated Chorus			
14	00	Deep1	Slow LFO Speed
	01	Deep2	Slow LFO Speed
	02	Deep3	Slow LFO Speed
	03	Deep4	Slow LFO Speed
	04	Deep5	Slow LFO Speed
	05	Deep6	Slow LFO Speed
	06	Deep7	Slow LFO Speed

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Modulated Chorus			
14	07	Deep8	Slow LFO Speed
	20	Deep9	Slow LFO Speed
	21	Deep10	Slow LFO Speed
	22	Deep11	Slow LFO Speed
	23	Deep12	Slow LFO Speed
	24	Deep13	Slow LFO Speed
	08	Normal1	Slow LFO Speed
	09	Normal2	Slow LFO Speed
	0a	Normal3	Slow LFO Speed
	0b	Normal4	Slow LFO Speed
	0c	Normal5	Slow LFO Speed
	0d	Normal6	Slow LFO Speed
	0e	Normal7	Slow LFO Speed
	0f	Normal8	Slow LFO Speed
	28	Normal9	Slow LFO Speed
	29	Normal10	Slow LFO Speed
	2a	Normal11	Slow LFO Speed
	2b	Normal12	Slow LFO Speed
	2c	Normal13	Slow LFO Speed
	10	Shallow1	Slow LFO Speed
	11	Shallow2	Slow LFO Speed
	12	Shallow3	Slow LFO Speed
	13	Shallow4	Slow LFO Speed
	14	Shallow5	Slow LFO Speed
	15	Shallow6	Slow LFO Speed
	16	Shallow7	Slow LFO Speed
	17	Shallow8	Slow LFO Speed
	30	Shallow9	Slow LFO Speed
	31	Shallow10	Slow LFO Speed
	32	Shallow11	Slow LFO Speed
	33	Shallow12	Slow LFO Speed
	34	Shallow13	Slow LFO Speed
Mod.Chorus DW			
15	00	Dry/Wet 1	Slow LFO Speed
	01	Dry/Wet 2	Slow LFO Speed
	02	Dry/Wet 3	Slow LFO Speed
	03	Dry/Wet 4	Slow LFO Speed
	04	Dry/Wet 5	Slow LFO Speed
	05	Dry/Wet 6	Slow LFO Speed
	06	Dry/Wet 7	Slow LFO Speed
	07	Dry/Wet 8	Slow LFO Speed
	20	Dry/Wet 9	Slow LFO Speed
	21	Dry/Wet 10	Slow LFO Speed
	22	Dry/Wet 11	Slow LFO Speed
	23	Dry/Wet 12	Slow LFO Speed
	24	Dry/Wet 13	Slow LFO Speed
Band Chorus			
16	00	Chorus1	LFO Speed
	01	Chorus2	LFO Speed
	02	Chorus3	LFO Speed
	03	Chorus4	LFO Speed
	20	GM Chorus1	LFO Speed
	21	GM Chorus2	LFO Speed
	22	GM Chorus3	LFO Speed
	23	GM Chorus4	LFO Speed
	24	Feedback Chorus	LFO Speed
	25	Flanger	LFO Speed
Celeste			
19	00	Celeste1	LFO Speed
	01	Celeste2	LFO Speed
	02	Celeste3	LFO Speed
	03	Celeste4	LFO Speed
	04	Celeste5	LFO Speed
	05	Celeste6	LFO Speed
	06	Celeste7	LFO Speed
	07	Celeste8	LFO Speed
	20	Celeste9	LFO Speed
	21	Celeste10	LFO Speed
	22	Celeste11	LFO Speed
	23	Celeste12	LFO Speed
	24	Celeste13	LFO Speed

EFFECT

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Mod. Celeste			
1b	00	Mod. Cel.1	Slow LFO Speed
	01	Mod. Cel.2	Slow LFO Speed
	02	Mod. Cel.3	Slow LFO Speed
	03	Mod. Cel.4	Slow LFO Speed
	04	Mod. Cel.5	Slow LFO Speed
	05	Mod. Cel.6	Slow LFO Speed
	06	Mod. Cel.7	Slow LFO Speed
	07	Mod. Cel.8	Slow LFO Speed
	20	Mod. Cel.9	Slow LFO Speed
	21	Mod. Cel.10	Slow LFO Speed
	22	Mod. Cel.11	Slow LFO Speed
	23	Mod. Cel.12	Slow LFO Speed
	24	Mod. Cel.13	Slow LFO Speed
Phaser			
20	00	Deep1	LFO Speed
	01	Deep2	LFO Speed
	02	Deep3	LFO Speed
	03	Deep4	LFO Speed
	04	Deep5	LFO Speed
	05	Deep6	LFO Speed
	06	Deep7	LFO Speed
	20	Deep8	LFO Speed
	21	Deep9	LFO Speed
	22	Deep10	LFO Speed
	23	Deep11	LFO Speed
	24	Deep12	LFO Speed
	25	Deep13	LFO Speed
	08	Normal1	LFO Speed
	09	Normal2	LFO Speed
	0a	Normal3	LFO Speed
	0b	Normal4	LFO Speed
	0c	Normal5	LFO Speed
	0d	Normal6	LFO Speed
	0e	Normal7	LFO Speed
	28	Normal8	LFO Speed
	29	Normal9	LFO Speed
	2a	Normal10	LFO Speed
	2b	Normal11	LFO Speed
	2c	Normal12	LFO Speed
	2d	Normal13	LFO Speed
	10	Shallow1	LFO Speed
	11	Shallow2	LFO Speed
	12	Shallow3	LFO Speed
	13	Shallow4	LFO Speed
	14	Shallow5	LFO Speed
	15	Shallow6	LFO Speed
	16	Shallow7	LFO Speed
	30	Shallow8	LFO Speed
	31	Shallow9	LFO Speed
	32	Shallow10	LFO Speed
	33	Shallow11	LFO Speed
	34	Shallow12	LFO Speed
	35	Shallow13	LFO Speed
Rotary Speaker			
22	00	Standard	
	01	Single Rotor	
	02	Distorted	
	03	Bright Twin	
	04	Normal Twin	
	05	Mellow Twin	
	06	Brilliant Twin	
Rock Rotary			
22	20	Standard	
	21	Single Rotor	
	22	Distorted	
	23	Bright Twin	
	24	Mellow Twin	
	25	Brilliant Twin	
Flanger			
23	00	Deep1	LFO Speed
	01	Deep2	LFO Speed
	02	Deep3	LFO Speed

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Flanger			
23	03	Deep4	LFO Speed
	04	Deep5	LFO Speed
	05	Deep6	LFO Speed
	06	Deep7	LFO Speed
	20	Deep8	LFO Speed
	21	Deep9	LFO Speed
	22	Deep10	LFO Speed
	23	Deep11	LFO Speed
	24	Deep12	LFO Speed
	25	Deep13	LFO Speed
	08	Normal1	LFO Speed
	09	Normal2	LFO Speed
	0a	Normal3	LFO Speed
	0b	Normal4	LFO Speed
	0c	Normal5	LFO Speed
	0d	Normal6	LFO Speed
	0e	Normal7	LFO Speed
	28	Normal8	LFO Speed
	29	Normal9	LFO Speed
	2a	Normal10	LFO Speed
	2b	Normal11	LFO Speed
	2c	Normal12	LFO Speed
	2d	Normal13	LFO Speed
	10	Shallow1	LFO Speed
	11	Shallow2	LFO Speed
	12	Shallow3	LFO Speed
	13	Shallow4	LFO Speed
	14	Shallow5	LFO Speed
	15	Shallow6	LFO Speed
	16	Shallow7	LFO Speed
	30	Shallow8	LFO Speed
	31	Shallow9	LFO Speed
	32	Shallow10	LFO Speed
	33	Shallow11	LFO Speed
	34	Shallow12	LFO Speed
	35	Shallow13	LFO Speed
Tremolo			
25	00	Tremolo1	LFO Speed
	01	Tremolo2	LFO Speed
	02	Tremolo3	LFO Speed
	03	Tremolo4	LFO Speed
	04	Tremolo5	LFO Speed
	05	Tremolo6	LFO Speed
	06	Tremolo7	LFO Speed
	07	Tremolo8	LFO Speed
Auto Pan			
25	20	Auto Pan1	LFO Speed
	21	Auto Pan2	LFO Speed
	22	Auto Pan3	LFO Speed
	23	Auto Pan4	LFO Speed
	24	Auto Pan5	LFO Speed
	25	Auto Pan6	LFO Speed
	26	Auto Pan7	LFO Speed
Vibrato			
27	00	Vibrato1	LFO Speed
	01	Vibrato2	LFO Speed
	02	Vibrato3	LFO Speed
	03	Vibrato4	LFO Speed
	04	Vibrato5	LFO Speed
	05	Vibrato6	LFO Speed
	06	Vibrato7	LFO Speed
	07	Vibrato8	LFO Speed
Ring Modulator			
29	00	Ring Mod.1	LFO Speed
	01	Ring Mod.2	LFO Speed
	02	Ring Mod.3	LFO Speed
	03	Ring Mod.4	LFO Speed
Mixup			
29	20	Mixup1	Slow LFO Speed
	21	Mixup2	Slow LFO Speed
	22	Mixup3	Slow LFO Speed
	23	Mixup4	Slow LFO Speed

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Phaser D/W			
2a	00	Dry/Wet 1	LFO Speed
	01	Dry/Wet 2	LFO Speed
	02	Dry/Wet 3	LFO Speed
	03	Dry/Wet 4	LFO Speed
	04	Dry/Wet 5	LFO Speed
	05	Dry/Wet 6	LFO Speed
	06	Dry/Wet 7	LFO Speed
	20	Dry/Wet 8	LFO Speed
	21	Dry/Wet 9	LFO Speed
	22	Dry/Wet 10	LFO Speed
	23	Dry/Wet 11	LFO Speed
	24	Dry/Wet 12	LFO Speed
	25	Dry/Wet 13	LFO Speed
Flanger D/W			
2b	00	Dry/Wet 1	LFO Speed
	01	Dry/Wet 2	LFO Speed
	02	Dry/Wet 3	LFO Speed
	03	Dry/Wet 4	LFO Speed
	04	Dry/Wet 5	LFO Speed
	05	Dry/Wet 6	LFO Speed
	06	Dry/Wet 7	LFO Speed
	20	Dry/Wet 8	LFO Speed
	21	Dry/Wet 9	LFO Speed
	22	Dry/Wet 10	LFO Speed
	23	Dry/Wet 11	LFO Speed
	24	Dry/Wet 12	LFO Speed
	25	Dry/Wet 13	LFO Speed
Parametric EQ			
30	00	Make Up	
	01	Middle Cut	
	02	Radio	
	03	Treble Boost	
	04	Treble Cut	
	05	No Hi Hat	
	06	Bass Cut	
	07	Too Bright	
LFO Filter			
33	00	For 2Beat 1	
	01	For 2Beat 2	
	04	For 3Beat 1	
	05	For 3Beat 2	
	20	For 4Beat 1	
	21	For 4Beat 2	
Enhancer			
35	20	Enhancer1	
	21	Enhancer2	
	22	Enhancer3	
	23	Enhancer4	
	24	Enhancer5	
	25	Enhancer6	
Exciter			
37	00	Exciter1	
	01	Exciter2	
	02	Exciter3	
Auto Wah			
38	20	Wah1	
	21	Wah2	
	22	Wah3	
	23	Wah4	
	24	Wah5	
Pedal Wah			
38	25	Wah1	Pedal
	26	Wah2	Pedal
	27	Wah3	Pedal
LFO Wah			
39	00	For 2Beat 1	
	01	For 2Beat 2	
	04	For 3Beat 1	
	05	For 3Beat 2	
	20	For 4Beat 1	
	21	For 4Beat 2	

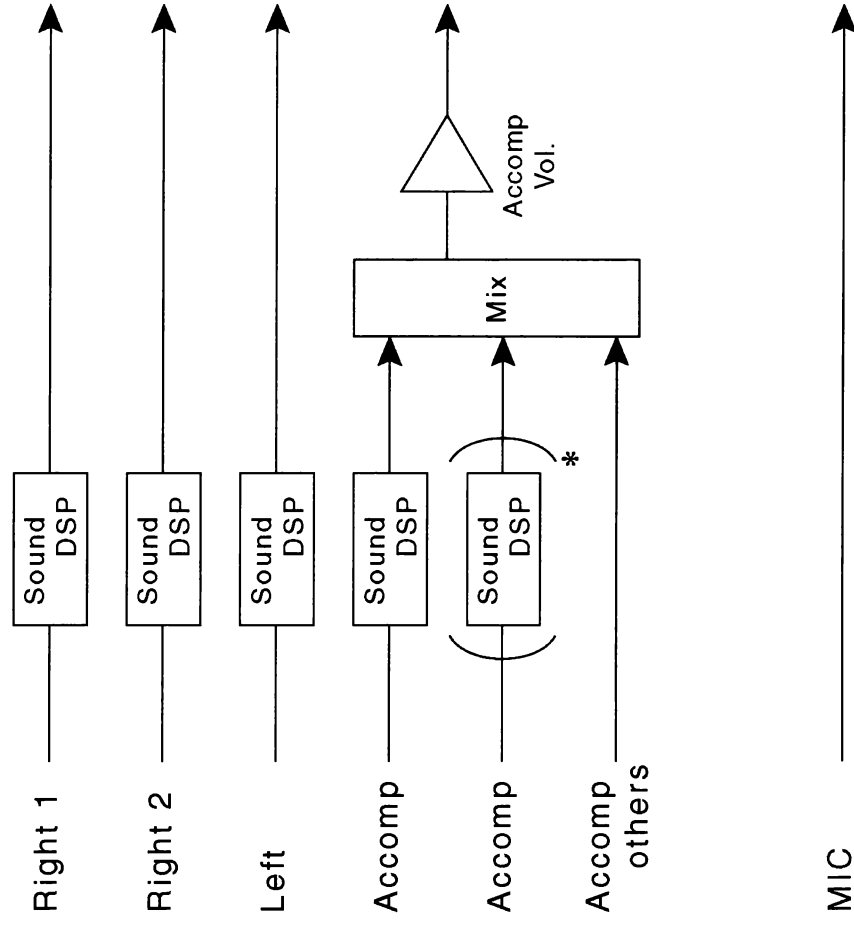
EFFECT

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Reverse Wah			
3a	00	Wah1	
	01	Wah2	
	02	Wah3	
	03	Wah4	
	04	Wah5	
	05	Wah6	
	06	Wah7	
	07	Wah8	
Distortion			
40	00	Normal	
	01	Mild	
	02	Hard	
	03	Bright	
	04	Fat	
	05	Hard Compress	
Overdrive			
40	20	Normal	
	21	Mild	
	22	Hard	
	23	Bright	
	24	Fat	
	25	Hard Compress	
Fuzz			
41	00	Normal	
	01	Hard Compress	
Distorted Amp			
41	20	Loud1	
	21	Loud2	
	22	Loud3	
	23	Loud4	
	28	Normal1	
	29	Normal2	
	2a	Normal3	
	2b	Normal4	
	30	Soft1	
	31	Soft2	
	32	Soft3	
	33	Soft4	
Limiter			
44	00	Limiter1	
	01	Limiter2	
	02	Limiter3	
	03	Limiter4	
Compressor			
45	00	Comp.1	
	01	Comp.2	
	02	Comp.3	
	03	Comp.4	
Slow Attacker			
46	00	Slow Attacker1	
	01	Slow Attacker2	
	02	Slow Attacker3	
	03	Slow Attacker4	
Dual Delay			
48	00	Deep1	
	01	Deep2	
	02	Deep3	
	03	Deep4	
	04	Deep5	
	05	Deep6	
	06	Deep7	
	07	Deep8	
	20	Deep9	
	21	Deep10	
	22	Deep11	
	23	Deep12	
	24	Deep13	
	25	Deep14	
	26	Deep15	
	27	Deep16	
	00	Deep17	
	01	Deep18	

Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Dual Delay			
49	02	Deep19	
	03	Deep20	
	08	Normal1	
	09	Normal2	
	0a	Normal3	
	0b	Normal4	
	0c	Normal5	
	0d	Normal6	
	0e	Normal7	
	0f	Normal8	
	28	Normal9	
	29	Normal10	
	2a	Normal11	
	2b	Normal12	
	2c	Normal13	
	2d	Normal14	
	2e	Normal15	
	2f	Normal16	
49	08	Normal17	
	09	Normal18	
	0a	Normal19	
	0b	Normal20	
48	10	Shallow1	
	11	Shallow2	
	12	Shallow3	
	13	Shallow4	
	14	Shallow5	
	15	Shallow6	
	16	Shallow7	
	17	Shallow8	
	30	Shallow9	
	31	Shallow10	
	32	Shallow11	
	33	Shallow12	
49	10	Shallow13	
	11	Shallow14	
	12	Shallow15	
	13	Shallow16	
	14	Shallow17	
	15	Shallow18	
	16	Shallow19	
	17	Shallow20	
	34	Shallow21	
	35	Shallow22	
	36	Shallow23	
	37	Shallow24	
Cross Delay			
4c	00	Deep1	
	01	Deep2	
	02	Deep3	
	03	Deep4	
	04	Deep5	
	05	Deep6	
	06	Deep7	
	07	Deep8	
	20	Deep9	
	21	Deep10	
	22	Deep11	
	23	Deep12	
4d	24	Deep13	
	25	Deep14	
	26	Deep15	
	27	Deep16	
	00	Deep17	
	01	Deep18	
	02	Deep19	
	03	Deep20	
4c	08	Normal1	
	09	Normal2	
	0a	Normal3	
	0b	Normal4	
	0c	Normal5	
4c	0d	Normal6	
	0e	Normal7	
	0f	Normal8	
	28	Normal9	

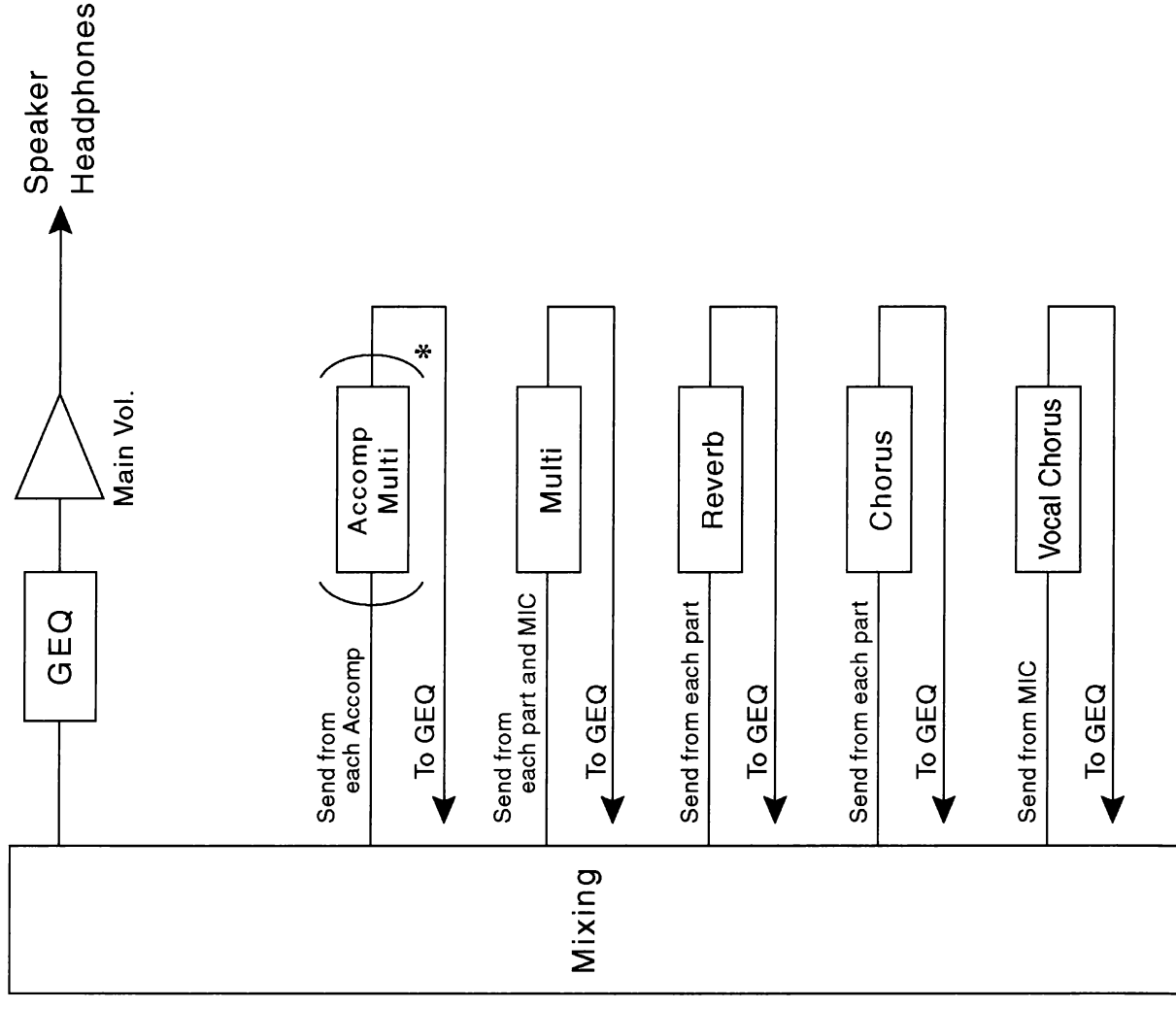
Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Cross Delay			
4c	29	Normal10	
	2a	Normal11	
	2b	Normal12	
	2c	Normal13	
	2d	Normal14	
	2e	Normal15	
	2f	Normal16	
4d	08	Normal17	
	09	Normal18	
	0a	Normal19	
	0b	Normal20	
4c	10	Shallow1	
	11	Shallow2	
	12	Shallow3	
	13	Shallow4	
	14	Shallow5	
	15	Shallow6	
	16	Shallow7	
	17	Shallow8	
	30	Shallow9	
	31	Shallow10	
	32	Shallow11	
	33	Shallow12	
4d	34	Shallow13	
	35	Shallow14	
	36	Shallow15	
	37	Shallow16	
	10	Shallow17	
	11	Shallow18	
	12	Shallow19	
	13	Shallow20	
Multi Tap Delay			
51	00	Multi1	
	01	Multi2	
	02	Multi3	
	03	Multi4	
	04	Multi5	
	05	Multi6	
	06	Multi7	
	07	Multi8	
Delay Complex			
52	00	Delay+Chorus	
	20	Delay+Flanger	
53	00	Delay+Vibrato	
	20	Delay+Phaser	
54	00	Autowah+Delay	
	00	Comp+Dst+Delay	
55	20	Comp+Ovd+Delay	
Vocal Effect			
5a	00	Vocal Harmonizer	
	04	Voice Changer1	
	05	Voice Changer2	
	21	Brass Simulator1	
	22	Brass Simulator2	
	23	Brass Simulator3	
Vocal Reverb			
5b	00	Room	
	01	Karaoke	
	02	Stage	
	03	Cave	
Space			
64	04	Spreader	
User			
70	00-3f		
Custom			
78	00-3f		

EFFECT FLOW CHART



- Each part has its own REVERB SEND, CHORUS SEND and MULTI EFFECT SEND.

*Select either Accomp SOUND DSP or Accomp MULTI.



TONE

A Piano & Harpsi	Folk Guitar 12 String Gtr Jazz Guitar 1 Jazz Guitar 2 Nylon E.A.Gtr Steel E.A.Gtr Bright Solid Clean Solid 1 Clean Solid 2 Fusion Solid Mellow Solid Mute Guitar Funk Mute Gtr Dist.Guitar 1 Dist.Guitar 2 Overdrive Gtr Rock Harmonic Country Gtr Nashville Gtr Hawaiian Gtr1 Hawaiian Gtr2	Marcato Str.1 Marcato Str.2 Cello Ens. Bass Ensemble Mellow Ens. Fat Synth	Vib.Clarinet1 Mel.Clarinet JazzClarinet2 Vib.Clarinet2 JazzClarinetv Clas.Clarinet Bass Clarinet Oboe Vib.Oboe English Horn Vib.Eng.Horn Bassoon Vib.Bassoon Harmonica Blues Harm.	Pulse Wave 1 Thick Pulse 1 Pulse Wave 2 Thick Pulse 2 Thick Pulse 3 Pulse Wave 3 Pulse Wave 4 Digi Lead 1 Digi Lead 2 Digi Lead 3 Fat Digi Wave Digi Wire SubOscillator Digi Sub Osc. Organ Bell Digi Bell 1 Digi Bell 2 Clavi Wave Sync Wave Pulse Mod.1 Pulse Mod.1a Pulse Mod.2 Non Pitch
Piano Piano mp Grand Piano Grand Piano v Bright Piano Brt.Piano mp Bright Grand Piano L Piano L mp Grand Piano L Piano L v Piano R Piano R mp Grand Piano R Piano R v Bright PianoL Brt.PianoL mp BrightGrand L Brt.Grand L v Bright PianoR Brt.PianoR mp BrightGrand R Brt.Grand R v Pop Grand L v Pop Grand R v E.Grand VintageEP1-t1 VintageEP1-t2 VintageEP1-t3 VintageEP1-t4 Vintage EP1 v VintageEP2-t1 VintageEP2-t2 Vintage EP2 v SuitcaseEP-t1 SuitcaseEP-t2 Suitcase EP.v Modern EP1-t1 Modern EP1-t2 Modern EP1-t3 Modern EP1-t4 Modern E.P.1v Modern E.P.2 Bell Piano Bell Piano a Harpischord L Harpischord R Spinet Hps.L Spinet Hps.R Clavi Synth Clavi	D Special Perc Harp Banjo Mandolin Bouzouki Koto Shamisen Taisho Koto Sitar Dulcimer Kalimba Music Box	G Vocal & Pad Vocal Doo Vocal Daa Boy Doo Boy Da Boy Bap Vocal Ah 1 Vocal Ah 2 Pop Vocal Ah Vocal Ooh Girls Doo Girls Doo/Waa Girls Ooh Girls Waa Girls Aah Girls Bap Fog Vox Soft Pad Creaking Pad	J Flute & Ethnic Wind Piccolo Jazz Flute Vib.Flute ChiffVibFlute Flutter Flute Clas.Flute Alto Flute Pan Flute Vib.Pan Flute Recorder Vib.Recorder Penny Whistle Low Whistle Ocarina Whistle Shakuhachi Bagpipes 1 Bagpipes 2	M Noise & Special Shot White Noise HiPass Noise Flute Breath1 Flute Breath2 Sax Breath 1 Sax Breath 2 Fl.Key Click A.Gtr Pick Ns E.Gtr PickNs1 E.Gtr PickNs2 E.Gtr PickNs3 E.Gtr PickNsv A.Gtr FretNs1 A.Gtr FretNs2 E.Gtr Fret Ns A.GtrFretHit1 A.GtrFretHit2 A.GtrFretHit3 A.GtrBodyHit1 A.GtrBodyHit2 A.GtrPickMute A.Gtr Reso 1 A.Gtr Reso 2 Ac.Bass Slap SlapBsDeadNot Harpsi OffClk Clavi Off Clk Organ Click Hammer AmbientHammer Scratch Hi Scratch Low High Q Orch Hit Dance Hit
B Mallet	E Bass Acoustic Bass Mel.Ac.Bass 1 Mel.Ac.Bass 2 Electric Bass Mellow E.Bass Bright E.Bass Jazz E.Bass Fusion E.Bass Funky E.Bass Slap Bass 1 Pull Bass 1 Slap Bass 1v Slap Bass 2 Pull Bass 2 Slap Bass 2v Picked E.Bass Fretless Bass Mute Bass Analog Bass House Bass Dance Bass Synth Chopper ResonanceBass Basic S.Bass1 Basic S.Bass2 Plastic Bass Click Bass	H Brass Trumpet Trumpet Shake Orch.Trumpet Brt.Trumpet 1 Brt.Trumpet 2 Trumpet ff Vib.Trumpet Comet Vib.Cornet Flugel Horn Vib.FlugelHrn Brt.Trombone Jazz Trombone Vib.Trombone TromboneShake HarmonMuteTpt Strt Mute Tpt CupMuteTrombn Open Fr.Horn ClosedFr.Horn French Horns Tuba Brass Octave Horns Brass Falls Trumpet Fall Trumpet Up Trb.ShortFall Trb.Long Fall Trombone Up Analog Brass Saw Brass 1 Saw Brass 2	K Accordion & Organ Brt.Accordion Mel.Accordion German Acd 1 German Acd 2 German Acd 3 German Acd 4 German Acd 5 Italian Acd 1 Italian Acd 2 Italian Acd 3 Italian Acd 4 Musette FolkAccordion Folk Acd Bass Perc Organ Full Drawbars Jazz Drawbars 16' + 1' 16'+8' 16' Rock Organ Pipe 16'+8' L Pipe 16'+8' R Full Organ CathedralOrgL CathedralOrgR	N Bass Drum & Timpani Standard BD 1 Standard BD 2 LightRock BD LiveRoomBD Lp LiveRoomBD Rp LiveRoomBD Lf LiveRoomBD Rf Room B.Drum 1 Room B.Drum 2 Funk B.Drum Trad B.Drum Pop B.Drum 1 Pop B.Drum 2 Power B.Drum Live B.Drum L Live B.Drum R LiveFunkBD Lp
C Guitar	F Strings Violin Jazz Violin Vib.Violin Viola Cello Vib.Cello Contrabass Pizzicato Str ClassicalStr1 ClassicalStr2 Concert Str.1 Concert Str.2 Violin Ens. Viola Ens.	I Reed Soprano Sax 1 Vib.Sop.Sax Soprano Sax 2 Alto Sax Vib.Alto Sax Jazz Alto Sax Funk Alto Sax GrowlAltoSax1 GrowlAltoSax2 Tenor Sax Breathy Tenor Vib.Tenor Sax Funk TenorSax GrowlTenorSax Baritone Sax JazzClarinet1	L Synth Basics Pure Sine Click Sine Sine Wave Sawtooth Wave Fat Sawtooth Thick Saw Oct. Sawtooth Mixed Saw Triangle Wave Fat Tri.Wave Ramp Wave Square Wave Thick Square Dynamic Pulse	

TONE

LiveFunkBD Rp	Analog SD 2a	H.H.Pedal L	Conga3 ptn-b6	Metronome Tap
LiveFunkBD Lf	Analog SD 2b	H.H.Pedal R	Conga3 ptn-b7	
LiveFunkBD Rf	House Snare	H.H.Pedal 2L	Conga3 ptn-b8	T Voice
Electric BD	Dance Snare 1	H.H.Pedal 2R	Conga4 ptn-b1	Voice BD
Soul B.Drum	Dance Snare 2	Analog HH.Opn	Conga4 ptn-b2	Voice Snare 1
Analog B.Drum	Dance HiSnare	Analog HH.Cls	Conga4 ptn-b3	Voice Snare 2
House B.Drum	Standard Rim1	Analog HH.Pdl	Conga4 ptn-b4	Voice Snare 3
Dance B.Drum1	Standard Rim2	Ride Cymbal 1	Conga4 ptn-b5	Voice Tom
Dance B.Drum2	Live Rim L	Ride Cymbal 2	Conga4 ptn-b6	Voice Rim
Techno B.Drum	Live Rim R	Ride Cymbal3L	Conga4 ptn-b7	Voice HH.Cls1
Hip B.Drum	Live Jz Rim L	Ride Cymbal3R	Conga4 ptn-b8	Voice HH.Cls2
Special BD 1	Live Jz Rim R	Ride Cymbal 4	Bongo Hi.Open	Voice HH.Open
Special BD 2	LiveFunkRim L	Ride Cymbal 5	Bongo Lo.Open	Voice Cuica H
Jazz B.Drum	LiveFunkRim R	Ride Cymbal6L	Bongo Hi.Mute	Voice Cuica L
LiveJz BD1L p	Room Rim L	Ride Cymbal6R	Bongo Lo.Mute	Voice Brrr
LiveJz BD1R p	Room Rim R	Ride Cymbal7L	Bongo Ptn1-b1	Voice Kah
LiveJz BD1L f	Rock Rim	Ride Cymbal7R	Bongo Ptn1-b2	Voice Ha
LiveJz BD1R f	House Rim	Ride Cymbal8L	Bongo Ptn1-b3	Voice Hi
LiveJz BD2L p	Analog Rim	Ride Cymbal8R	Bongo Ptn1-b4	Voice Uh
LiveJz BD2R p	Dance Rim	Ride Bell 1	Bongo Ptn1-b5	Voice Un
LiveJz BD2L f	Brush Swirl	Ride Bell 2	Bongo Ptn1-b6	Voice Ah
LiveJz BD2R f	Brush Slap	Ride Bell 3 L	Bongo Ptn1-b7	Voice Aao
Orch B.Drum	Snare Roll	Ride Bell 3 R	Bongo Ptn1-b8	Voice Uhs
Timpani	Reverse Snare	Analog Ride	Bongo Ptn2-b1	GirlVoice Ah
		ReverseCymbal	Bongo Ptn2-b2	GirlVoice Yeh
O Snare Drum	P Tom	Crash Cymbal1	Bongo Ptn2-b3	Count 1
Standard SD 1	Standard BTom	Crash Cymbal2	Bongo Ptn2-b4	Count 2
Open Snare 1	Standard Tom	CrashCymbal3L	Bongo Ptn2-b5	Count 3
OpenJazzSD Lp	Live B.Tom L	CrashCymbal3R	Bongo Ptn2-b6	Count 4
OpenJazzSD Rp	Live B.Tom R	CrashCymbal4L	Bongo Ptn2-b7	Pick Up Count
OpenJazzSD Lf	Room B.Tom L	CrashCymbal4R	Bongo Ptn2-b8	Shout One
OpenJazzSD Rf	Room B.Tom R	China CymbalL	Bongo Ptn3-b1	Shout Two
Standard SD 2	Live Tom1 L	China CymbalR	Bongo Ptn3-b2	Shout Three
LiveRoomSD Lp	Live Tom1 R	SplashCymbalL	Bongo Ptn3-b3	Shout Four
LiveRoomSD Rp	Room Tom1 L	SplashCymbalR	Bongo Ptn3-b4	Chest Hit 1
Open Snare 2	Room Tom1 R	Orch.Cymbal	Analog Conga	Chest Hit 2
LiveRoomSD Lf	LiveFunkTom1L	Analog Crash	Timbales Low	Chest Hit 3
LiveRoomSD Rf	LiveFunkTom1R		Timbales High	Chest Hit 4
Live Snare L	Live Tom2 L	R Percussions 1	TimbalesPaila	Chest Hit 5
Live Snare R	Live Tom2 R	Conga1 Open	Cuica H	Chest Hit 6
Open Live SDL	Room Tom2 L	Conga1 Mute	Cuica L	Chest Hit 7
Open Live SDR	Room Tom2 R	Conga1 OpnSlp		Chest Hit 8
Room Snare	LiveFunkTom2L	Conga1 MutSlp	S Percussions 2	Breath In
OpenRoomSD Lp	LiveFunkTom2R	Conga1 Slide	Tambourine	Scream
OpenRoomSD Rp	Live Tom3 L	Conga2 Open	Tambourine bt	Laughing
OpenRoomSD Lf	Live Tom3 R	Conga2 Mute	OrchTambourin	
OpenRoomSD Rf	Room Tom3 L	Conga2 OpnSlp	Samba Drum	U Sound Effect
LightRock SD	Room Tom3 R	Conga2 MutSlp	Samba Drum Mt	Wave 1
Power Snare	LiveFunkTom3L	Conga2 Slide	Shaker	Wave 2
Funk Snare	LiveFunkTom3R	Conga3 Open	Cabasa	Wave 3
LiveFunkSD Lp	Jazz B.Tom	Conga3 Mute	Maracas	Wave 4
LiveFunkSD Rp	Jazz Tom	Conga3 OpnSlp	AnalogMaracas	Wave 5
High Snare	Live Jz Tom1L	Conga3 MutSlp	Wood Block	Rain
LiveFunkSD Lf	Live Jz Tom1R	Conga3 Slide	Claves	Thunder
LiveFunkSD Rf	Live Jz Tom2L	Conga4 Open	Analog Claves	Stream
OpenFunkSD Lp	Live Jz Tom2R	Conga4 Mute	Castanets	Bird Tweet 1
OpenFunkSD Rp	Power B.Tom	Conga4 OpnSlp	Slap	Bird Tweet 2
OpenFunkSD Lf	Power Tom	Conga4 MutSlp	Hand Claps	Bird 1
OpenFunkSD Rf	Electric BTom	Conga1 ptn-b1	ElectricClaps	Bird 2
Piccolo Snare	Electric Tom	Conga1 ptn-b2	Analog Claps	Bird 3
Jazz Snare mp	Analog Tom 1	Conga1 ptn-b3	Finger Snap	Bird 4
LiveJazzSD Lp	Analog Tom 2	Conga1 ptn-b4	Vibraslap	Bird 5
LiveJazzSD Rp	Dance Tom	Conga1 ptn-b5	Guiro Long	Dog
Jazz Snare f		Conga1 ptn-b6	Guiro Short	Applause
Jazz Snare v		Conga1 ptn-b7	Cricket	Telephone 1
Trad Snare	Q Cymbal	Conga1 ptn-b8	Agogo	Telephone 2
LiveJazzSD Lf	H.H.Closed 1L	Conga2 ptn-b1	Cowbell 1	Door Creaking
LiveJazzSD Rf	H.H.Closed 1R	Conga2 ptn-b2	Cowbell 2	Door
Orch Snare	H.H.Accent L	Conga2 ptn-b3	AnalogCowbell	Helicopter
LiveJz SD Lff	H.H.Accent R	Conga2 ptn-b4	Triangle Open	Car Engine
LiveJz SD Rff	H.H.Closed 2	Conga2 ptn-b5	Triangle Mute	Car Stop
Electric SD 1	H.H.Closed 3L	Conga2 ptn-b6	Gong	Car Pass
Electric SD 2	H.H.Closed 3R	Conga2 ptn-b7	Windchime 1	Car Crash
Special Snare	H.H.Closed 4L	Conga2 ptn-b8	Windchime 2	Punch
Analog SD 1a	H.H.Closed 4R	Conga3 ptn-b1	Windchime 3	Footsteps
Analog SD 1b	H.H.Open 1 L	Conga3 ptn-b2	Bell Tree	Gun Shot
Soul Snare 1	H.H.Open 1 R	Conga3 ptn-b3	Sleigh Bell	Silent
Soul Snare 2	H.H.Open 2	Conga3 ptn-b4	Samba Whistle	
Hot Snare	H.H.Open 3 L	Conga3 ptn-b5	MetronomeBell	
	H.H.Open 3 R			

MIDI Implementation Chart

Keyboard [SX-KN6500]

Function		Transmitted	Recognized	Remarks
Basic Channel	Default	1-16	1-16	Assigned to the part.
	Changed	1-16	1-16	
Mode	Default	3	Mode 3	OMNI OFF, POLY MODE *M=1 only
	Messages	Mode 3, 4 (M=1)	Mode 3, 4 (M=1)	
	Altered	—	—	
Note Number		0-127	0-127	
	True voice	—	0-127	
Velocity	Note ON	○	○	
	Note OFF	×	×	
After Touch	Key's	×	×	
	Ch's	○×*	○×*	
Pitch Bend		○×*	○×*	
Control Change	0,32	○×*	○×*	Bank Select MSB, LSB Modulation Portamento time Data entry MSB, LSB Volume Panpot Expression Sound DSP Sustain Portamento on / off Sostenuto Soft Pedal Sound controllers Part Equalizer Effect 1~5 Depth NRPN RPN
	1	○×*	○×*	
	5	○	○	
	6,38	○×*	○×*	
	7	○×*	○×*	
	10	○×*	○×*	
	11	○×*	○×*	
	12,13	○×*	○×*	
	64	○×*	○×*	
	65	○	○	
	66	○	○	
	67	○	○	
	71~78	○×*	○×*	
	80~83	○	○	
	91~95	○×*	○×*	
	98,99	○×*	○×*	
	100,101	○×*	○×*	
Prog Change		○×*	○×*	
	True #	—	0-127	
System exclusive		○×*	○×*	
System common	Song Pos	○×*	○×*	
	Song Sel	○×*	○×*	
	Tune	×	×	
System Real Time	Clock	○×*	○×*	Start / Stop, continue
	Commands	○×*	○×*	
Aux Messages	Local ON / OFF	×	×	
	All notes OFF	×	○	
	Active Sense	○	○	
	Reset	×	×	
Notes		○×*..... Whether or not the data for each of these items is transmitted / received can be set.		

Mode 1: OMNI ON, POLY
Mode 3: OMNI OFF, POLY

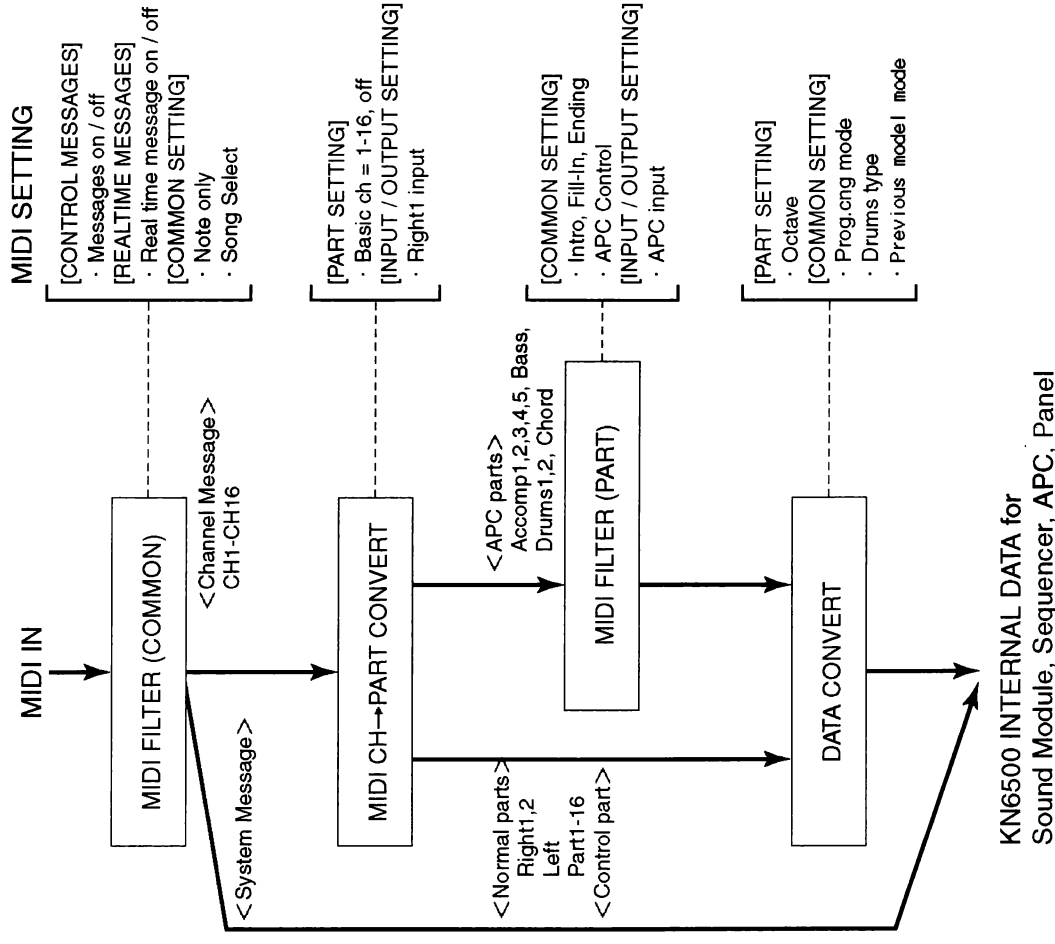
Mode 2: OMNI ON, MONO
Mode 4: OMNI OFF, MONO

○:Yes
×:No

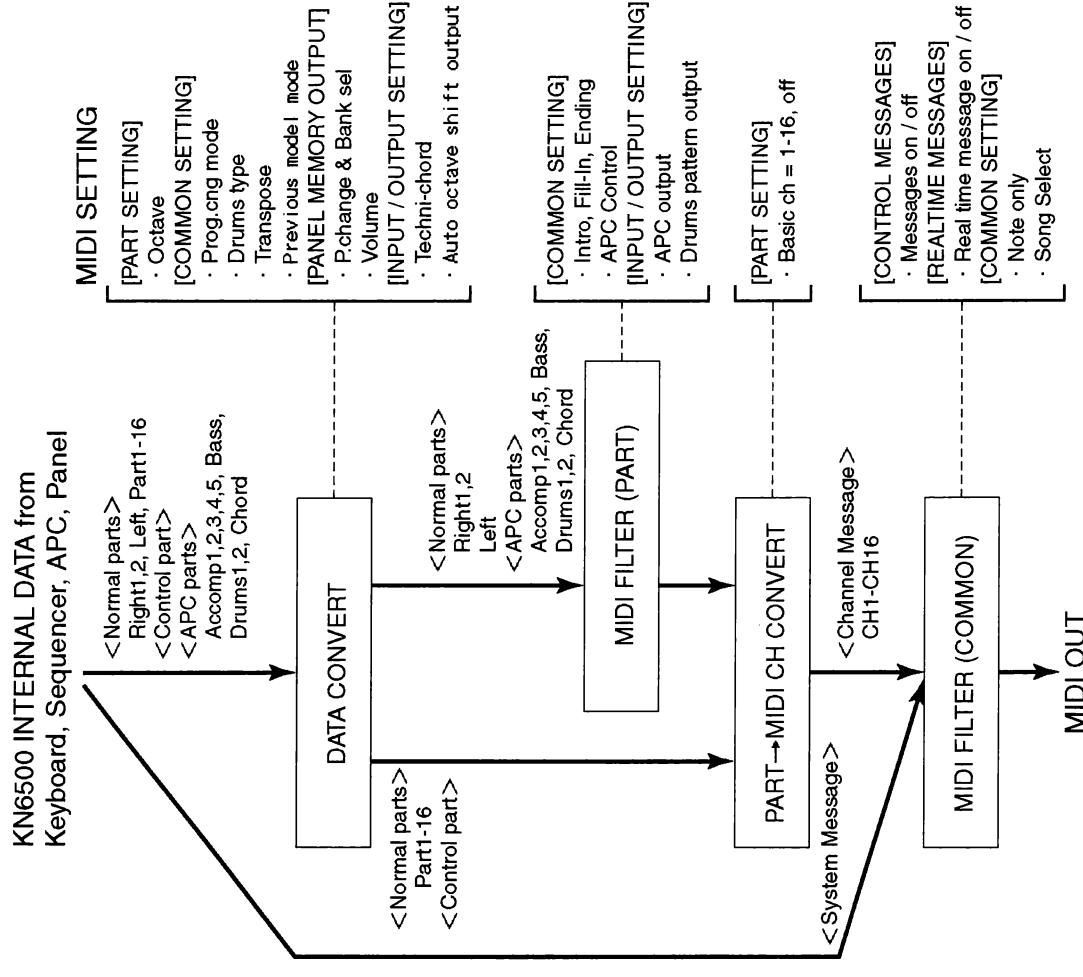
MIDI DATA FORMAT

MIDI DATA FLOWCHART

<MIDI INPUT>



<MIDI OUTPUT>



MIDI Implementation

KN6500 MIDI specifications conform to Technics new NX SOUND sound generator format.

NX SOUND is the Technics original sound generator format which evokes realtime performance quality and expressive power, and dramatically expands the number of sounds and effects generated. This format includes GM2 (General MIDI Level 2), and make various controls possible when data is created and reproduced by computer.

*NOTE 1: Default Part setting for each MIDI Channel.

	<NX SOUND>	<GM2>
CH1	Right 1	Part 1
CH2	Right 2	Part 2
CH3	Left	Part 3
CH4	Part 4	Part 4
CH5	Part 5	Part 5
CH6	Part 6	Part 6
CH7	Part 7	Part 7
CH8	Part 8	Part 8
CH9	Part 9	Part 9
CH10	Part 10	Part 10
CH11	Part 11	Part 11
CH12	Part 12	Part 12
CH13	Part 13	Part 13
CH14	Part 14	Part 14
CH15	Part 15	Part 15
CH16	Part 16	Part 16

*NOTE 2:

- / ■ NX SOUND and GM2 common message.
- / □ NX SOUND exclusive message.

1. Channel Voice Message

● Note off

8nH	Status	n: Basic channel
kkH	Note Number	kk: 00H - 7FH
vvH	Velocity	vv: 00H - 7FH *Don't care

or

9nH	Status	n: Basic channel
kkH	Note Number	kk: 00H - 7FH
00H	Velocity	

* Transmitting is 9n, kk and 00 only.

● Note on

9nH	Status	n: Basic channel
kkH	Note Number	kk: 00H - 7FH
vvH	Velocity	vv: 01H - 7FH

● Control Change

■ Bank select (CC#0 / 32)

BnH	Status	n: Basic channel
00H	Control No.	0: Bank select(MSB)
mmH	Value (MSB)	mm: 00H - 7FH

BnH	Status	n: Basic channel
20H	Control No.	32: Bank select(LSB)
llH	Value (LSB)	ll: 00H - 7FH

Default Value:

	<NX SOUND>	<GM2>
Part 1- 9, 11- 16	20 00 H	79H, 00H
Part 10	26 00 H	78H, 00H
Right1,2,Left	Unique number for each product	Don't care

- Set the banks of applicable channels.
- The Bank Select LSB indicates the sound expansion part.
- The Bank Select MSB represents switching of the sound set.
 - * Refer to the NX SOUND sound map.
- Switch between the melody channel and the rhythm channel, in combination with the program change. When the bank for the rhythm sounds is specified and thereafter the program change data is received, the channel becomes the rhythm channel. Conversely, when the bank for the melody sounds is specified and thereafter the program change data is received, the channel becomes the melody channel.
- Under GM2 basic specifications, the two channels CH10 and CH11 can become rhythm channels; however, in the NX SOUND mode, in conformation with the GM2 recommended expansion specifications, all channels can be used as rhythm channels. If channels other than CH10 and CH11 are using rhythm sounds, the playback compatibility on other GM2 sound generators cannot be assured.
- If the Program Change Mode of this instrument's MIDI settings is set to other than NX SOUND, data will be transmitted and received using a map other than the NX SOUND sound map.

■ Modulation (CC# 1)

BnH	Status	n: Basic channel
01H	Control No.	1: Modulation
vvH	Depth value	vv: 00H - 7FH

Default Value: 0

■ Portamento time (CC# 5)

BnH	Status	n: Basic channel
05H	Control No.	5: Portamento time
vvH	Value (MSB)	vv: 00H - 7FH

Default Value: 0

- Sets the pitch increment speed for the specified Channel when Portamento (cc#65) is on.
- Monophonic (MODE 4) Channels support portamento.

■ Data Entry (CC# 6 / 38)

BnH	Status	n: Basic channel
06H	Control No.	6: Data Entry (MSB)
mmH	Value (MSB)	mm: 00H - 7FH

BnH	Status	n: Basic channel
26H	Control No.	38: Data Entry (LSB)
llH	Value (LSB)	ll: 00H - 7FH

Default Value: NULL

■ Channel Volume (CC# 7)

BnH	Status	n: Basic channel
07H	Control No.	7: Part volume
vvH	Value	vv: 00H - 7FH

Default Value: 100

■ Panpot (CC# 10)

BnH	Status	n: Basic channel
0AH	Control No.	10: Panpot
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Expression (CC# 11)

BnH	Status	n: Basic channel
0BH	Control No.	11: Expression
vvH	Value	vv: 00H - 7FH

Default Value: 127

☐ Sound DSP Number & Variation (CC# 12)

BnH	Status	n: Basic channel
0CH	Control No.	12: Effect Control 1
vvH	Value	vv: 00H - 7FH

Default Value: the unique number for selected sound.

☐ Sound DSP Dynamic Control (CC# 13)

BnH	Status	n: Basic channel
0DH	Control No.	13: Effect Control 2
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Sustain (CC# 64)

BnH	Status	n: Basic channel
40H	Control No.	64: Sustain Pedal
vvH	Value	vv: 00H - 7FH

Default Value: 0

- Piano and related timbres respond to Half damper and re-damper.

■ Portamento On/Off (CC# 65)

BnH	Status	n: Basic channel
41H	Control No.	65: Portamento
vvH	Value	vv: 00H - 7FH

* Value : 00-3FH / off 40H-7FH / on

Default Value: 0

- Monophonic (MODE 4) Channels support portamento.

■ Sostenuto (CC# 66)

BnH	Status	n: Basic channel
42H	Control No.	66: Sostenuto
vvH	Value	vv: 00H - 7FH

* Value : 00-3FH / off 40H-7FH / on

Default Value: 0

- Piano and related timbres respond to this message.

■ Soft Pedal (CC# 67)

BnH	Status	n: Basic channel
43H	Control No.	67: Soft pedal
vvH	Value	vv: 00H - 7FH

* Value : 00-3FH / off 40H-7FH / on

Default Value: 0

- Piano and related timbres respond to this message.

■ Filter Resonance (CC# 71)

BnH	Status	n: Basic channel
47H	Control No.	71: Harmonic Content
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Release Time (CC# 72)

BnH	Status	n: Basic channel
48H	Control No.	72: Release Time
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Attack Time (CC# 73)

BnH	Status	n: Basic channel
49H	Control No.	73: Attack Time
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Brightness (CC# 74)

BnH	Status	n: Basic channel
4AH	Control No.	74: Brightness
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Decay Time (CC# 75)

BnH	Status	n: Basic channel
4BH	Control No.	75: Decay Time
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Vibrato Rate (CC# 76)

BnH	Status	n: Basic channel
4CH	Control No.	76: Vibrato Rate
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Vibrato Depth (CC# 77)

BnH	Status	n: Basic channel
4DH	Control No.	77: Vibrato Depth
vvH	Value	vv: 00H - 7FH

Default Value: 64

■ Vibrato Delay (CC# 78)

BnH	Status	n: Basic channel
4EH	Control No.	78: Vibrato Delay
vvH	Value	vv: 00H - 7FH

Default Value: 64

☐ Equalizer High Fc (CC# 80)

BnH	Status	n: Basic channel
50H	Control No.	80: General Purpose 1
vvH	Value	vv: 00H - 7FH

Default Value: 108

☐ **Equalizer High Gain (CC# 81)**

BnH	Status	n: Basic channel
51H	Control No.	81: General Purpose 2
vvH	Value	vv: 00H - 7FH

Default Value: 64

☐ **Equalizer Low Fc (CC# 82)**

BnH	Status	n: Basic channel
52H	Control No.	80: General Purpose 3
vvH	Value	vv: 00H - 7FH

Default Value: 28

☐ **Equalizer Low Gain (CC# 83)**

BnH	Status	n: Basic channel
53H	Control No.	81: General Purpose 4
vvH	Value	vv: 00H - 7FH

Default Value: 64

☒ **Reverb send level (CC# 91)**

BnH	Status	n: Basic channel
5BH	Control No.	91: Effect 1 Depth
vvH	Value	vv: 00H - 7FH

Default Value: 40

☐ **Multi Effect send level (CC# 92)**

BnH	Status	n: Basic channel
5CH	Control No.	92: Effect 2 Depth
vvH	Value	vv: 00H - 7FH

Default Value: 0

☒ **Chorus send level (CC# 93)**

BnH	Status	n: Basic channel
5DH	Control No.	93: Effect 3 Depth
vvH	Value	vv: 00H - 7FH

Default Value: 0

☐ **Digital Effect On/Off (CC# 94)**

BnH	Status	n: Basic channel
5EH	Control No.	94: Effect 4 Depth
vvH	Value	vv: 00H - 7FH

* Value : 00-3FH / off 40H-7FH / on

Default Value: 0

☐ **Sound DSP send level (CC# 95)**

BnH	Status	n: Basic channel
5FH	Control No.	95: Effect 5 Depth
vvH	Value	vv: 00H - 7FH

Default Value: 0

☐ **NRPN (CC# 98 / 99)**

BnH	Status	n: Basic channel
63H	Control No.	99: NRPN (MSB)
mmH	Value (MSB)	mm: 00H - 7FH

BnH	Status	n: Basic channel
-----	--------	------------------

62H	Control No.	98: NRPN (LSB)
llH	Value (LSB)	ll: 00H - 7FH

NRPN#	Data	Function	Range(mm)
MSB	LSB	MSB	LSB
02 10	mmH --H	DRAWBAR 16'	0 -8 : Off, 1-8
02 11	mmH --H	DRAWBAR 8'	0 -8 : Off, 1-8
02 12	mmH --H	DRAWBAR 5 1/3'	0 -8 : Off, 1-8
02 13	mmH --H	DRAWBAR 4'	0 -8 : Off, 1-8
02 14	mmH --H	DRAWBAR 2 2/3'	0 -8 : Off, 1-8
02 15	mmH --H	DRAWBAR 2'	0 -8 : Off, 1-8
02 16	mmH --H	DRAWBAR 1 3/5'	0 -8 : Off, 1-8
02 17	mmH --H	DRAWBAR 1 1/3'	0 -8 : Off, 1-8
02 18	mmH --H	DRAWBAR 1'	0 -8 : Off, 1-8
02 19	mmH --H	Percussive Tone 4'	0 - 1: Off / On
02 1A	mmH --H	Percussive Tone 2 2/3'	0 - 1: Off / On
02 1B	mmH --H	DRAWBAR Release	0-10: -5 - 0 - +5
02 1C	mmH --H	DRAWBAR Attack	0-10: -5 - 0 - +5
02 1D	mmH --H	Percussive Tone Decay	0-10: -5 - 0 - +5
02 1E	mmH --H	Percussive Tone Level	0-10: -5 - 0 - +5

☒ **RPN (CC# 100 / 101)**

BnH	Status	n: Basic channel
65H	Control No.	101: RPN (MSB)
mmH	Value (MSB)	mm: 00H - 7FH

BnH	Status	n: Basic channel
64H	Control No.	100: RPN (LSB)
llH	Value (LSB)	ll: 00H - 7FH

Default Value: RPN Reset

RPN#	Data	Function / Range	
MSB	LSB	MSB	LSB
00H 00H	mmH --H	Pitch Bend Sensitivity	mm: 00H - 18H (0 - 24 semitone)
00H 01H	mmH llH	Fine Tuning	mmll: 0000H - 4000H - 7F7FH (-128*100/128 ~ 127*100/128) ll: lower 6 bits ignored
00H 02H	mmH --H	Coarse Tuning	mm: 28H- 40H- 58H (-24 - 0 - +24 semitone)
00H 05H	mmH llH	Modulation Sensitivity	mmll: 0000H - 0040H - 7F7FH
7FH 7FH	--H --H	RPN Reset	*Data Entry is invalid until RPN is reset.

☒ **Program Change**

CnH	Status	n: Basic channel
ppH	Program Change No.	pp: 00H - 7FH

Default Value: 00H

☒ **Channel pressure (After Touch)**

DnH	Status	n: Basic channel
vvH	Value	pp: 00H - 7FH

● Pitch bend change

EnH	Status	n: Basic channel
llH	Value (LSB)	ll: 00H - 7FH
mmH	Value (MSB)	mm: 00H - 7FH

* Value: 0000H - 4000H - 7F7FH (-8192 - 0 - 8191)

2. Channel Mode Message

● All sound off (CC# 120)

BnH	Status	n: Basic channel
78H	Control No.	120: All sound off
00H	Dummy data	

● Reset all controller (CC# 121)

BnH	Status	n: Basic channel
79H	Control No.	121: Reset all cont.
00H	Dummy data	

The following controller statuses are reset.

Controller	Value
Pitch bend change	40 00H (Center)
Channel pressure	0 (off)
Modulation	0 (off)
Expression	127 (Max.)
Sustain Pedal	0 (off)
Portamento	0 (off)
Sostenute	0 (off)
Soft Pedal	0 (off)
RPN	7F/7F (null)

● All note off (CC# 123)

BnH	Status	n: Basic channel
7BH	Control No.	123: All note off
00H	Dummy data	

● OMNI off (CC# 124)

BnH	Status	n: Basic channel
7CH	Control No.	124: OMNI off
00H	Dummy data	

- Processed in same manner as when CC#123 (All note off) is received.

● OMNI on (CC# 125)

BnH	Status	n: Basic channel
78H	Control No.	125: OMNI on
00H	Dummy data	

- Processed in same manner as when CC#123 (All note off) is received.

● Mono (CC# 126)

BnH	Status	n: Basic channel
7EH	Control No.	126: Mono
00H	Dummy data	

● Poly (CC# 127)

BnH	Status	n: Basic channel
7FH	Control No.	127: Poly
00H	Dummy data	

3. System Common Message

○ Song Position pointer

F2H	Status	Song position Pointer
ll	LSB	ll: 00H - 7FH
mm	MSB	mm: 00H - 7FH

○ Song select

F3H	Status	Song select
ss	Song Number	ll: 00H - 09H

4. System Realtime Message

○ Timing Clock

F8H	Status
-----	--------

○ Start

F9H	Status
-----	--------

○ Continue

FAH	Status
-----	--------

○ Stop

FCH	Status
-----	--------

● Active sense

FEH	Status
-----	--------

5. Universal System Exclusive Message

● General MIDI Level 2 Message

■ GM2 system on

F0 7E 7F 09 03 F7

F0H	Exclusive status
7EH	Universal Non-realtime ID
7FH	Device ID (Broadcast)
09H	Sub ID1: General MIDI message
03H	Sub ID2: General MIDI Level 2 on
F7H	End of exclusive

■ GM system on

F0 7E 7F 09 01 F7

F0H	Exclusive status
7EH	Universal Non-realtime ID
7FH	Device ID (Broadcast)
09H	Sub ID1: General MIDI message
01H	Sub ID2: General MIDI on
F7H	End of exclusive

■ GM system off

F0 7E 7F 09 02 F7

F0H	Exclusive status
7EH	Universal Non-realtime ID
7FH	Device ID (Broadcast)
09H	Sub ID1: General MIDI message
02H	Sub ID2: General MIDI off
F7H	End of exclusive

● Master volume

F0 7F <DevID> 04 01 ll mm F7

F0H	Exclusive status
7FH	Universal Realtime ID
7FH	Device ID (Broadcast)
04H	Sub ID1: Device Control
01H	Sub ID2: Master Volume
ll mmH	Master Volume (LSB first)
F7H	End of exclusive

* This is separate from the instrument's main volume that is regulated with the sliding control.

Value for NX SOUND

LSB	MSB	
7F	7F	MAX
00	00	MIN

● Master Fine Tuning

F0 7F <DevID> 04 03 tt tt F7

F0H	Exclusive status
7FH	Universal Realtime ID
04H	Sub ID1: Device Control
01H	Sub ID2: Master Fine Tuning
tt ttH	Fine Tuning (LSB first)
F7H	End of exclusive

• tt tt	LSB	MSB	
	00	00	(0000H) 100/8192*(-8192) cent
	00	40	(4000H) 100/8192*0 = 0 cent
	7F	7F	(7F7FH) 100/8192*(+8191) cent

Value for NX SOUND

00	60	100/8192*(-4096) = - 50 cent
00	40	100/8192*0
00	20	100/8192*(+4096) = + 50 cent

● Master Coarse Tuning

F0 7F <DevID> 04 04 00 tt F7

F0H	Exclusive status
7FH	Universal Realtime ID
04H	Sub ID1: Device Control
01H	Sub ID2: Master Coarse Tuning
00 ttH	Coarse Tuning (LSB first)
F7H	End of exclusive

• 00 tt	LSB	MSB	
	00	00	100cent * (-64)
	00	40	100cent * 0
	00	7F	100cent * (+63)

* The total Coarse Tuning differential value is the sum of this value and the RPN Coarse Tuning.

Value for NX SOUND

LSB	MSB	
00	34	100 cents *(-12)
00	40	100 cents *0
00	4C	100 cents *(+12)

● Scale Octave Tuning

F0 7E <device ID> 08 08 ff gg hh [ss] ... F7

F0 7E	Universal Non Real Time SysEx header
<device ID>	ID of target device
08	sub-ID#1 = MIDI Tuning Standard
08	sub-ID#2 = scale/octave tuning 1-byte form
ff	channel/options byte 1
	bits 0 to 1 = channel 15 to 16
	bit 2 to 6 = reserved for future expansion
gg	channel byte 2 - bits 0 to 6 = channel 8 to 14
hh	channel byte 3 - bits 0 to 6 = channel 1 to 7
[ss]	12 byte tuning offset of 12 semitones from C to B
:	
F7	EOX

• ss

00H means -64 cents
40H means 0 cents (equal temperament)
7FH means +63 cents

* Note that [ss] is 12 bytes.

● Reverb Parameters

F0 7F <device ID> 04 05 01 01 01 01 01 [pp vv] ... F7

F0 7F	Universal Real-Time SysEx header
<device ID>	ID of target device (7F = all devices)
04	sub-ID#1 = DEVICE CONTROL
05	sub-ID#2 = GLOBAL PARAMETER CONTROL
01	Slot Path Length = 1
01	Parameter ID Width = 1
01	Value Width = 1
01	Slot Path MSB = 1
01	Slot Path LSB = 1 (Effect 0101: Reverb)
pp	Parameter to be controlled.
vv	Value for the parameter.
:	
F7	EOX

■ Reverb Type

pp = 0
vv = Default Value: 4 (Large Hall)
0: Small Room
1: Medium Room
2: Large Room
3: Medium Hall
4: Large Hall
8: Plate

■ Reverb Time

pp = 1
vv = time

● Chorus Parameters

F0 7F <device ID> 04 05 01 01 01 01 02 [pp vv] ... F7

F0 7F	Universal Real-Time SysEx header
<device ID>	ID of target device (7F = all devices)
04	sub-ID#1 = DEVICE CONTROL
05	sub-ID#2 = GLOBAL PARAMETER CONTROL
01	Slot Path Length = 1
01	Parameter ID Width = 1

```

01      Value Width = 1
01      Slot Path MSB = 1
02      Slot Path LSB = 2 (Effect 0102: Chorus)
pp      Parameter to be controlled.
vv      Value for the parameter.
:
F7      EOX

```

■ Chorus Type

```

pp = 0
vv = Default Value: 2 (Chorus 3)
0: Chorus 1
1: Chorus 2
2: Chorus 3
3: Chorus 4
4: FB Chorus
5: Flanger

```

■ Mod Rate

```

pp = 1
vv = Modulation Rate

```

■ Mod Depth

```

pp = 2
vv = modulation Depth

```

■ Feedback

```

pp = 3
fb = Feedback Depth

```

■ Send to Reverb

```

pp = 4
vv = the send level from Chorus to Reverb

```

● Controller Destination Setting

■ Channel Pressure

F0 7F <device ID> 09 01 0n [pp rr]F7

```

F0 7F      Universal Real Time SysEx header
<device ID> ID of target device (7F = all devices)
09         sub-ID#1 = Controller Destination Setting
01         sub-ID#2 = Controller Type: 01 (Channel Pressure)
0n         MIDI Channel (00 - 0F)
[pp rr]    Controlled parameter and range
:
F7         EOX

```

<pp>	<rr>	<Description>
00 Pitch Control	40 - 88	-24 - +24 semitones
01 Filter Cutoff Control	0 - 127	-9600 - +9450 cents
02 Amplitude Control	0 - 127	0 - (127/64)*100 percent
03 LFO Pitch Depth	0 - 127	0 - 600 cents
04 LFO Filter Depth	0 - 127	0 - 2400 cents
05 LFO Amp Depth	0 - 127	0 - 100 percent

■ Controller (Control Change)

F0 7F <device ID> 09 03 0n cc [pp rr]F7

```

F0 7F      Universal Real Time SysEx header
<device ID> ID of target device (7F = all devices)
09         sub-ID#1 = Controller Destination Setting
03         sub-ID#2 = Controller Type: 03 (Control Change)
0n         MIDI Channel (00 - 0F)
cc         Controller number (01 - 1F, 40 - 5F)
[pp rr]    Controlled parameter and range
:
F7         EOX

```

<pp>	<rr>	<Description>
00 Pitch Control	40 - 88	-24 - +24 semitones
01 Filter Cutoff Control	0 - 127	-9600 - +9450 cents
02 Amplitude Control	0 - 127	0 - (127/64)*100 percent
03 LFO Pitch Depth	0 - 127	0 - 600 cents
04 LFO Filter Depth	0 - 127	0 - 2400 cents
05 LFO Amp Depth	0 - 127	0 - 100 percent

■ Key-Based Instrument Controllers

F0 7F <device ID> 0A 01 0n kk [nn vv]F7

```

F0 7F      Universal Real Time SysEx header
<device ID> ID of responding device
0A         sub-ID#1 = Key-Based Instrument Control
01         sub-ID#2 = Controller
0n         MIDI Channel Number
kk         Key number
[nn,vv]    Controller Number and Value
:
F7         EOX

```

<nn><Name>	<vv>	<Description>
07 Volume	0-64-127	0-100 - (127/64) * 100 (%)
10 Pan	0-64-127	Left-Center-Right
91 Reverb Send Level	0 - 127	0 - Max.
93 Chorus Send Level	0 - 127	0 - Max.

6. Technics System Exclusive messages

○ NX SOUND Mode Set

F0 50 2C 20 7E 1F 00 00 7F 00 F7

```

F0H      Exclusive Status
50H      Product manufacturer ID (Technics)
2CH      Command type (Individual data set)
20H      Product ID (NX Sound)
7EH      Model ID (Dummy)
1FH      Version (upper 3 bits) = 1
          Device ID (lower 4 bits) = 15
00H      Address MSB
00H      Address :
7FH      Address LSB = NX SOUND Mode Set
00H      Data = NX SOUND On
EOX      F7

```

○ Individual Data Reception/Transmission format

F0 50 2C 20 30 1F aa bb cc ddF7

```

F0H      Exclusive Status
50H      Product manufacturer ID (Technics)
2CH      Command type (Individual data set)
20H      Product ID (NX Sound)
30H      Model ID (KN6500)
1FH      Version (upper 3 bits) = 1
          Device ID (lower 4 bits) = 15
aaH      Address MSB
bbH      Address :
ccH      Address LSB
ddH      Data
:
EOX      F7

```

○ Individual Data Request format

F0 50 2B 20 30 1F aa bb cc ss tt uu F7

F0H	Exclusive Status
50H	Product manufacturer ID (Technics)
2BH	Command type (data Request)
20H	Product ID (NX Sound)
30H	Model ID (KN6500)
1FH	Version (upper 3 bit) = 1
	Device ID (lower 4 bit):= 15
aaH	Address MSB
bbH	Address :
ccH	Address LSB
ssH	Size MSB
ttH	Size :
uuH	Size LSB
EOX	F7

○ Tempo Data format

F0 50 25 dd ee F7

F0H	Exclusive Status
50H	Product manufacturer ID (Technics)
25H	Command type (Tempo)
ddH	Data LSB
eeH	Data MSB
EOX	

◀Explanation of Messages▶

Model ID

NX SOUND Model ID : **Recommended** ID = 7Eh : DUMMY
 KN6500 Model ID : **KN6500** = 30h

Reception: **Product ID** = 20H (NX SOUND)
 Model ID = Don't care.
 Transmission: **Product ID** = 20H (NX SOUND)
 Model ID = 30H(KN6500)

Version & Device ID

KN6500 **Version & Device ID** = 1FH
 Upper 3 bits: **Version Number**
 Lower 4 bits: **Device ID**
 (0-14: Device Number, 15:Broad cast)

* **Models that do not read bypass ID's** will receive all device ID data

Address (ADR)

Indicates address length of beginning data. The type of data is recognized by this value. The 21-bits address is divided into 3 Bytes of 7 bits each, and is sent in order beginning with the upper end. (Refer to the address map.)

Size (SIZ)

Indicates length of address from "ADR". (Refer to the address map.) The 21-bits address length is divided into 3 Bytes of 7 bits each, and is sent in order beginning with the upper end. (Refer to the address map.)
 If a size **not** consistent with the data is indicated, data request is **ineffective**.

Data for Tempo

ddH : Data LSB

eeH : Data MSB

dd, ee : 02H,08H - 12H,0CH = (quarter-note =40 - 300)

Tempo data is 9 bit Binary.

The lower 4 bits is expressed as ddH, and the remain upper 5 bits as eeH. ddH is sent first following by eeH.

Individual Data Address Map

□ NX SOUND AREA

○ SYSTEM

* 1 : Q: Data Request / R: Reception / T: Transmission

<ADR>	<SIZ>	<Parameter>	<Data>	<Description>	<QRT> *1
00 00 10	00 00 01	Total Expression	0 - 127	0 - 127	RT
00 00 20	00 00 01	Sound Load option: Sound DSP	0 - 1	Off / On	QR
00 00 21	00 00 01	Sound Load option: Chorus	0 - 1	Off / On	QR
00 00 22	00 00 01	Sound Load option: Solo	0 - 1	Off / On	QR
00 00 23	00 00 01	Sound Load option: Portamento	0 - 1	Off / On	QR
00 00 24	00 00 01	Sound Load option: Sound Controllers reset	0 - 1	Off / On	QR
00 00 7F	00 00 01	NX SOUND Mode Set	00	NX SOUND On	RT

○ EFFECT

<ADR>	<SIZ>	<Parameter>	<Data>	<Description>	<QRT> *1
00 01 00	00 00 01	Reverb Total OFF/ON	0 - 1	Off / On	QRT
00 01 01	00 00 01	Reverb Total TEN	0 - 127	Technics Effect Number	QRT
00 01 02	00 00 01	Reverb Total TEN-suffix	0 - 63	Technics Effect Number suffix	QRT
00 01 04	00 00 01	Reverb Total Depth	0 - 127	0 - 127	QRT
00 01 11	00 00 01	Chorus TEN	0 - 127	Technics Effect Number	QRT
00 01 12	00 00 01	Chorus TEN-suffix	0 - 63	Technics Effect Number suffix	QRT
00 01 21	00 00 01	Multi TEN	0 - 127	Technics Effect Number	QRT
00 01 22	00 00 01	Multi TEN-suffix	0 - 63	Technics Effect Number suffix	QRT
* n = DSP # - 1 (n = 0-4)			* Sound DSP is transmitted as the Control Change.		
00 02 n0	00 00 01	SoundDSP1-5 OFF/ON	0 - 1	Off / On	QR
00 02 n1	00 00 01	SoundDSP1-5 TEN	0 - 127	Technics Effect Number	QR
00 02 n2	00 00 01	SoundDSP1-5 TEN-suffix&Vari	0 - 63	Technics Effect Number suffix with Variation Off	QR
			64 - 127	Technics Effect Number suffix with Variation Off (BP6 = 0: Variation off, 1: Variation on)	
00 02 n3	00 00 01	SoundDSP1-5 Dynamic Control	0 - 127	0 - 127	R

○ PART

* pp = Part Number + 10h (= Part Number + 16)

* Part Number is as follow

0 : Part 1	8 : Part 9	16 : Part 17 (Right 1)	24 : Part 25 (Bass)
1 : Part 2	9 : Part 10	17 : Part 18 (Right 2)	25 : Part 26 (Drums 1)
2 : Part 3	10 : Part 11	18 : Part 19 (Left)	26 : Part 27 (Drums 2)
3 : Part 4	11 : Part 12	19 : Part 20 (Accomp 1)	
4 : Part 5	12 : Part 13	20 : Part 21 (Accomp 2)	
5 : Part 6	13 : Part 14	21 : Part 22 (Accomp 3)	
6 : Part 7	14 : Part 15	22 : Part 23 (Accomp 4)	
7 : Part 8	15 : Part 16	23 : Part 24 (Accomp 5)	

<ADR>	<SIZ>	<Parameter>	<Data>	<Description>	<QRT> *1
00 pp 00	00 00 01	MIDI Channel	0 - 16	Off, 1 - 16	QR
00 pp 10	00 00 01	DRAWBAR Flute 16'	0 - 8	Off, 1 - 8	QR
00 pp 11	00 00 01	DRAWBAR Flute 8'	0 - 8	Off, 1 - 8	QR
00 pp 12	00 00 01	DRAWBAR Flute 5 1/3'	0 - 8	Off, 1 - 8	QR
00 pp 13	00 00 01	DRAWBAR Flute 4'	0 - 8	Off, 1 - 8	QR
00 pp 14	00 00 01	DRAWBAR Flute 2 2/3'	0 - 8	Off, 1 - 8	QR
00 pp 15	00 00 01	DRAWBAR Flute 2'	0 - 8	Off, 1 - 8	QR
00 pp 16	00 00 01	DRAWBAR Flute 1 3/5'	0 - 8	Off, 1 - 8	QR
00 pp 17	00 00 01	DRAWBAR Flute 1 1/3'	0 - 8	Off, 1 - 8	QR
00 pp 18	00 00 01	DRAWBAR Flute 1'	0 - 8	Off, 1 - 8	QR
00 pp 19	00 00 01	Percussive Tone 4'	0 - 1	Off / On	QR
00 pp 1A	00 00 01	Percussive Tone 2 2/3'	0 - 1	Off / On	QR
00 pp 1B	00 00 01	DRAWBAR Release	0 - 10	-5 - 0 - +5	QR
00 pp 1C	00 00 01	DRAWBAR Attack	0 - 10	-5 - 0 - +5	QR
00 pp 1D	00 00 01	Percussive Tone Decay	0 - 10	-5 - 0 - +5	QR
00 pp 1E	00 00 01	Percussive Tone Level	0 - 10	-5 - 0 - +5	QR

□ NX EXTENSION AREA

○ PERFORMANCE EXTENSION

<ADR>	<SZ>	<Parameter>	<Data>	<Description>	<QRT> *1
01 00 00	00 00 01	Model ID	48	KN6500	Q
01 00 10	00 00 01	Rhythm BankMSB	0 - 127	0 - 127	QRT
01 00 11	00 00 01	Rhythm Bank LSB	0 - 127	0 - 127	QRT
01 00 12	00 00 01	Rhythm Program #	0 - 127	0 - 127 * Program # is the trigger to change.	QRT
01 00 13	00 00 01	Rhythm Variation	0 - 3	Vari1 / 2 / 3 / 4	QRT
01 00 14	00 00 01	APC Type	0 - 3	Off / One finger/ Fingerd/ Pianist	QRT
01 00 15	00 00 01	APC Memory	0 - 1	Off / On	QR
01 00 16	00 00 01	APC On Bass	0 - 1	Off / On	QRT
01 00 17	00 00 01	Count Intro mode	0 - 1	Click/Voice	QRT
01 00 18	00 00 01	Synchro/Break	0 - 1	Off/On	QRT
01 00 19	00 00 01	Intro	0 - 3	Off / Count Intro / Intro1 / Intro 2	RT
01 00 1A	00 00 01	Fill In	0 - 3	Off / Ending1 / Ending2	RT
01 00 1B	00 00 01	Ending	0 - 2	Off / Fill In1 / Fill In2	RT
01 00 20	00 00 01	Fade In/Out	0 - 2	Off / Fade In / Fade Out	RT
01 00 28	00 00 01	Music Style Arranger	0 - 5	Off / 1 / 2 / 3 / 4	QRT
01 00 30	00 00 01	Performance PADS Bank MSB	0 - 127	0 - 127	RT
01 00 31	00 00 01	Performance PADS Bank LSB	0 - 127	0 - 127	RT
01 00 32	00 00 01	Performance PADS pad number	0 - 127	0 - 127 * pad # is the trigger to change.	RT
01 00 38	00 00 01	Panel Memory Bank MSB	0		RT
01 00 39	00 00 01	Panel Memory Bank LSB	0		RT
01 00 3A	00 00 01	Panel Memory number	0 - 103	(13 bank * 8) * Panel Memory # is the trigger to change.	RT
01 00 40	00 00 01	Techni-chord	0 - 1	Off / On	QRT
01 00 41	00 00 01	Techni-chord Type	0 - 12	Techni-chord Type number	QRT
01 00 42	00 00 01	Techni-chord Orchestrator	0/1 - 16	Conductor/Part Number + 1	QRT
01 00 7F	00 00 01	Current Panel Initial	00	Initialize	R

○ EFFECT EXTENSION

<ADR>	<SZ>	<Parameter>	<Data>	<Description>	<QRT> *1
01 01 00	00 00 01	Effect System Mode	0 - 1	APC / SEQ	QR
01 01 01	00 00 01	Part # which uses APC Sound DSP1	0 - 15	Part 1 - Part 16	QR
01 01 02	00 00 01	Part # which uses APC Sound DSP2	0 - 15	Part 1 - Part 16	QR
01 01 10	00 00 01	Effect APC Mode	0 - 1	Sound DSP Only / Use Total effect	QR
01 01 11	00 00 01	APC Part # which uses APC Sound DSP1	19 - 26	Acmp 1-5, Bass, Drum1,2	QR
01 01 12	00 00 01	APC Part # which uses APC Sound DSP1	19 - 26	Acmp 1-5, Bass, Drum1,3	QR
* n = APC Sound DSP# - 1 (n=0 or 1)					
01 02 n0	00 00 01	APC SoundDSP1,2 ON/OFF	0 - 1	Off / On	QR
01 02 n1	00 00 01	APC SoundDSP1,2 TEN	0 - 127	Technics Effect Number	QR
01 02 n2	00 00 01	APC SoundDSP1,2 TEN-suffix&Vari	0 - 64	Technics Effect Number suffix with Variation Off	QR
			64 - 127	Technics Effect Number suffix with Variation Off (BP6 = 0: Variation off, 1: Variation on)	
01 02 n3	00 00 01	APC SoundDSP1,2 Dynamic Control	0 - 127	0 - 127	R

MIDI PRESETS DATA

[WITH APC]

Master ↓ Slave		KN ↓ Sound Module Vocalist CH 1 CH 5 Ext SEQ				type1	Organ type2	type1 fixed touch	PX Piano	type1	Accordion type2	type3	Bass Pedals	Ext SEQ
						KN								
Basic channel	Right1	1	off	1	1	1	1	1	1	1	1	1	off	1
	Right2	2	2	2	2	4	4	4	2	off	4	4	2	2
	Left	3	3	3	3	2	off	2	3	3	2	off	3	3
	Part1	off	off	off	off	off	off	off	off	off	off	off	off	off
	Part2	off	off	off	off	off	off	off	off	off	off	off	off	off
	Part3	off	off	off	off	off	off	off	off	off	off	off	off	off
	Part4	4	4	4	4	3	3	3	4	4	3	3	4	4
	Part5	5	5	Off	5	5	5	5	5	5	5	5	5	5
	Part6	6	6	6	6	6	6	6	6	6	6	6	6	6
	Part7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Part8	8	8	8	8	8	8	8	8	8	8	8	8	8
	Part9	9	9	9	9	9	9	9	9	9	9	9	9	9
	Part10	off	10	10	off	10	10	10	10	10	10	10	10	off
	Part11	11	11	11	11	11	11	11	11	11	11	11	11	11
	Part12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Part13	off	13	13	off	13	13	13	13	13	13	13	13	13
	Part14	off	14	14	off	14	14	14	14	14	14	14	14	14
	Part15	off	15	15	off	off	off	off	15	15	15	15	off	off
	Part16	off	16	16	off	off	off	off	16	16	16	16	off	16
	Control	off	off	off	off	16	16	16	off	off	off	off	off	off
	Accomp1	13	off	off	13	off	off	off	off	off	off	off	off	off
	Accomp2	14	off	off	14	off	off	off	off	off	off	off	off	off
	Accomp3	15	off	off	15	off	off	off	off	off	off	off	off	off
Octave	Bass	16	off	off	16	off	off	off	off	off	off	off	1	off
	Drums	10	off	off	10	15	15	15	off	off	off	off	off	10
	Chord	off	1	5	off	2	2	2	off	2	2	2	off	15
	Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Local	Part4	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chord	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bass	0	0	0	0	0	0	0	0	0	0	0	+1	0
	Others	0	0	0	0	0	0	0	0	0	0	0	0	0
Control all msg	Realtime msg.	on	on	on	on	on	on	on	on	on	on	on	on	on
	Clock	int	int	int	int	MIDI	MIDI	MIDI	int	int	int	int	int	MIDI
Right1 input	APC in	dir	dir	dir	dir	endct	endct	endct	endct	endct	endct	endct	dir	dir
	Technichord out	off	off	off	on	on	on	on	on	on	on	on	on	on
Drums out	APC out	on	on	on	on	off	off	off	off	off	off	off	off	off
	P. cng to P. mem	on	on	on	on	off	off	off	off	off	off	off	off	off
Note only	Realtime sysex	off	off	off	off	on	on	on	on	on	on	on	on	on
	Intro/Fill	off	off	off	off	off	off	off	off	off	off	off	off	off
Transpose	APC control	on	on	on	on	off	off	off	off	off	off	off	off	off
	Prog. cng mode	off	on	on	off	on	on	on	on	on	on	on	on	on
Drums type	Prev. Tech Mode	off	off	off	off	off	off	off	off	off	off	off	off	off
	Song select	off	off	off	on	on	on	on	on	on	on	on	on	on
SPLIT POINT		-	-	-	-	C1	C1	C1	-	C1	C1	C1	-	-
Velocity fix		-	-	-	-	-	-	80	-	80	80	80	-	-

[WITHOUT APC]

Master ↓ Slave		KN ↓ Sound Module Vocalist CH 1 CH 5 Ext SEQ				Organ type1	Organ type1 fixed touch	PX Piano	Accordion	Bass Pedals	Ext SEQ
						KN					
Basic channel	Right1	1	1	5	1	1	1	1	1	off	1
	Right2	2	2	2	2	4	4	2	4	2	2
	Left	3	3	3	3	2	2	3	2	3	3
	Part1	off	off	off	off	off	off	off	off	off	off
	Part2	off	off	off	off	off	off	off	off	off	off
	Part3	off	off	off	off	off	off	off	off	off	off
	Part4	4	4	4	4	3	3	4	3	1	4
	Part5	5	5	1	5	5	5	5	5	5	5
	Part6	6	6	6	6	6	6	6	6	6	6
	Part7	7	7	7	7	7	7	7	7	7	7
	Part8	8	8	8	8	8	8	8	8	8	8
	Part9	9	9	9	9	9	9	9	9	9	9
	Part10	10	10	10	10	10	10	10	10	10	10
	Part11	11	11	11	11	11	11	11	11	11	11
	Part12	12	12	12	12	12	12	12	12	12	12
	Part13	13	13	13	13	13	13	13	13	13	13
	Part14	14	14	14	14	14	14	14	14	14	14
	Part15	15	15	15	15	off	off	15	15	15	15
	Part16	16	16	16	16	15	15	16	16	16	16
	Control	off	off	off	off	16	16	off	off	off	off
	Accomp1	off	off	off	off	off	off	off	off	off	off
	Accomp2	off	off	off	off	off	off	off	off	off	off
	Accomp3	off	off	off	off	off	off	off	off	off	off
	Bass	off	off	off	off	off	off	off	off	off	off
	Drums	off	off	off	off	off	off	off	off	off	off
	Chord	off	off	off	off	off	off	off	off	off	off
Octave	Part4	0	0	0	0	0	0	0	0	0	0
	Chord	0	0	0	0	0	0	0	0	0	0
	Bass	0	0	0	0	0	0	0	0	0	0
	Others	0	0	0	0	0	0	0	0	0	0
Local	Bass	on	on	on	on	on	on	on	on	on	off
	Others	on	on	on	on	on	on	on	on	on	off
Control all msg.		on	on	on	on	on	on	on	on	on	on
Realtime msg.		on	on	on	on	on	on	on	on	on	off
Clock		int	int	int	int	int	int	int	int	int	MIDI
Right1 input		dir	dir	dir	dir	endct	endct	endct	endct	dir	dir
APC in		off	off	off	off	off	off	off	off	off	off
Technichord out		on	on	on	on	off	off	off	off	off	off
Drums out		off	off	off	off	off	off	off	off	off	off
APC out		off	off	off	off	off	off	off	off	off	off
P. cng to P. mem		off	off	off	off	off	off	off	off	off	off
Note only		off	off	off	off	off	off	off	off	off	off
Realtime sysex		on	off	off	on	off	off	off	off	off	on
Intro/Fill		on	on	on	on	on	on	on	on	on	on
APC control		off	off	off	off	off	off	off	off	off	off
Transpose		off	on	on	off	off	off	off	off	off	off
Prog. cng mode		NX SOUND	NX SOUND	NX SOUND	NX SOUND	PREV. TEC	PREV. TEC	NX SOUND	NX SOUND	NX SOUND	NX SOUND
Drums type		NX SOUND	NX SOUND	NX SOUND	NX SOUND	PREV. TEC	PREV. TEC	NX SOUND	NX SOUND	NX SOUND	NX SOUND
Prev. Tec Mode		off	off	off	off	on	on	off	off	off	off
Song select		off	off	off	on	on	on	on	on	on	on
SPLIT PG		-	-	-	-	C1	C1	-	C1	-	-
Velocity		-	-	-	-	-	80	-	80	-	-

HOW TO USE MIDI PRESETS

MIDI Presets are designed to help you set up the KN6500 quickly and easily for use with various other instruments.

To connect the KN6500 to another instrument use a standard MIDI cable and connect the MIDI OUT socket of the MASTER UNIT (the one you are playing) to the MIDI IN socket of the SLAVE UNIT.

There are two pages of MIDI Presets, the first page with the KN6500 as the SLAVE UNIT and the second page with the KN6500 as the MASTER UNIT.

Both pages allow you to select at the bottom of the screen whether the MIDI Preset you are using sets Auto Play Chord to work over MIDI.

Just select the preset which matches your MIDI set up and press OK.

The following guidelines are for some popular setups.

MIDI PRESETS FOR CONNECTING AN ORGAN TO THE KN6500 WITH AUTO PLAY CHORD.

(Select 'WITH APC' at the bottom of the screen)

MIDI PRESET	USE
ORGAN 1 WITH APC	Sets Right 1 & 2 to the Upper Keyboard and Left and APC to the Lower Keyboard
ORGAN 2 WITH APC	Sets Right 1 & 2 to the Upper Manual, and APC only to the Lower Manual
ORGAN 1 FIXED TOUCH WITH APC	Works as ORGAN 1 WITH APC, but with fixed velocity , if you don't want touch sensitivity

If you use a MIDI preset to connect an Organ to the KN6500 using Auto Play Chord, the KN6500 will be set to MIDI clock.

This means that the KN6500 Rhythm will start & stop from the start / stop button of the Organ and the tempo will be controlled by the Organ.

It is preferable to set the Rhythm and Accompaniment balances of the Organ to zero to avoid any unpleasant clashes with the KN6500 Rhythm and Accompaniment.

MIDI PRESETS FOR CONNECTING AN ORGAN TO THE KN6500 WITHOUT AUTO PLAY CHORD.

(Select 'WITHOUT APC' at the bottom of the screen)

MIDI PRESET	USE
ORGAN WITHOUT APC	Sets Right 1 & 2 to the Upper Manual, Left to the Lower Manual and Part 4 to the pedals
ORGAN FIXED TOUCH WITHOUT APC	Works as ORGAN WITHOUT APC, but with fixed velocity, if you don't want touch sensitivity

MIDI PRESET FOR CONNECTING A PX PIANO TO THE KN6500 WITH AUTO PLAY CHORD.

(Select 'WITH APC' at the bottom of the screen)

MIDI PRESET	USE
PX PIANO WITH APC	Right 1 & 2, Left and Auto Play Chord will play from the keyboard of the PX Piano in the same way they are set on the KN

MIDI PRESET FOR CONNECTING A PX PIANO TO THE KN6500 WITHOUT AUTO PLAY CHORD.

(Select `WITHOUT APC` at the bottom of the screen)

MIDI PRESET	USE
PX PIANO WITHOUT APC	Right 1 & 2, Left will play from the keyboard of the PX Piano in the same way they are set on the KN6500, but Auto Play Chord will not play

MIDI PRESET FOR CONNECTING AN ACCORDION TO THE KN6500 WITH AUTO PLAY CHORD.

(Select `WITH APC` at the bottom of the screen)

MIDI PRESET	USE
ACCORDION 1 WITH APC	Sets Right 1 & 2 to the Right Hand, APC to the Chord Buttons, Left to the Bass Buttons
ACCORDION 2 WITH APC	Sets Right 1 & 2 to the Right Hand, Left & APC to the Chord Buttons, Part 4 to the Bass
ACCORDION 3 WITH APC	Sets Right 1 & 2 to the Right Hand, APC to the Chord Buttons, Part 4 to the Bass

(Velocity is fixed at 80 to give more volume than the level of 64 transmitted by an Accordion)

MIDI PRESET FOR CONNECTING AN ACCORDION TO THE KN6500 WITHOUT AUTO PLAY CHORD.

(Select `WITHOUT APC` at the bottom of the screen)

MIDI PRESET	USE
ACCORDION WITHOUT APC	Sets Right 1 & 2 to the Right Hand, Left to the Chord Buttons & Part 4 to the Bass Buttons

(Velocity is fixed at 80 to give more volume than the level of 64 transmitted by an Accordion)

MIDI PRESET FOR CONNECTING MIDI BASS PEDALS TO THE KN6500 WITH AUTO PLAY CHORD.

(Select `WITH APC` at the bottom of the screen)

MIDI PRESET	USE
BASS PEDALS WITH APC	Turns off APC Bass (local off), and sets Bass pedals to the APC Bass part, so that the Bass sound used by the APC pattern can be played from the pedals

MIDI PRESET FOR CONNECTING MIDI BASS PEDALS TO THE KN6500 WITHOUT AUTO PLAY CHORD.

(Select `WITHOUT APC` at the bottom of the screen)

MIDI PRESET	USE
BASS PEDALS WITHOUT APC	Sets Bass pedals to Part 4, allowing you to play Right 1 & 2 and Left on the Keyboard. Makes the KN6500 function like an Organ.

MIDI PRESET FOR CONNECTING AN EXTERNAL SEQUENCER OR COMPUTER TO THE KN6500 WITHOUT AUTO PLAY CHORD.

(Select `WITHOUT APC` at the bottom of the screen)

MIDI PRESET	USE
EXT SEQUENCER WITHOUT APC	Useful for multi track sequencing using an external Sequencer or Computer. Sets all parts to local off, so set MIDI Thru on the Sequencer or Computer Software.

Playback of Technics disks

■ The KN6500 can play back data from the following instrument models:

KN2000	KN3000	KN1400 / 1600	KN5000	KN6000
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■ The following PERFORMANCE data is compatible:

COMPOSER data
SEQUENCER data
Registration data (panel and PANEL MEMORY data)
SOUND MEMORY data
PADS User bank data

- The KN5000 RHYTH CUSTOM cannot be loaded.

■ Caution

- Functions of other models which are not incorporated in the KN6500 are not compatible. Moreover, if such functions are included in the **COMPOSER**, **SEQUENCER** or registration data on the disk, they will not be reproduced correctly.
- Because KN6500's sound module and DSP part configuration (NX SOUND) are different from those of other models, the nuance of the reproduced sounds may be different. Moreover, the sound will be different if you use a sound module waveform of a SOUND MEMORY sound which is not available in this instrument. In addition, the sound output of the performance may also differ due to the difference in the maximum number of notes which can be reproduced simultaneously.
- Preset rhythm pattern and **PADS** phrase change to those of the KN6500.
- **COMPOSER** FILL-IN, INTRO and ENDING patterns which were created with the COMPOSER MODE set to NORMAL are not played back.
- When loading data that was created on previous models, the single load function does not work.
- The hard configurations of the **REVERB** and **MULTI** in the KN6500 are different from PREVIOUS MODEL and therefore only the effect type is matched.
- In the KN6500's NX SOUND mode, all sounds in the SEQUENCER data are basically played back in the same octave. In earlier models the octave setting for each sound might differ, so that sounds recorded on an earlier model may not be played back in the correct octave on this model.
- The added TECHNI-CHORD notes are not played back.
- Some of the intro, fill-in etc. patterns in the **COMPOSER** Expand mode may be different, due to model differences in the memory configuration. (KN2000)