
SX- KN7000 REFERENCE GUIDE

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DISPLAY GUIDE / Display Übersicht



< SOUND >

- PART SETTING
- MIXER
- TECHNI-CHORD
- MASTER TUNING
- KEY SCALING
- SOUND LOAD OPTION
- SEPARATE OUT SETTING
- MONITOR SETTING
- APC REVERB SETTING

< 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
- COMPUTER CONNECTION

< SOUND EDIT >

- EASY EDIT
- STONE
- 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
 - TRANSPOSE
 - ADVANCE/DELAY
- NAMING
 - PANEL WRITE
 - SD AUDIO SYNCHRO

< 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 >

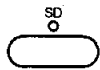
- RECORDING BANK A
- RECORDING BANK B
- RECORDING BANK C
- COMPILE SET
- PHRASE COPY
- SEQ TO PAD COPY

CUSTOMIZE



< CUSTOMIZE >

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



< SD >

- LOAD
- SAVE
- SD SONG MEDLEY
- SD-AUDIO PLAY
- SD-SOUND PLAY
- SD TOOLS
- SD PREFERENCES
- FAVORITE SONGS
- CUSTOM STYLE LOAD/SAVE



< DISK >

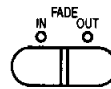
- DISK TOOLS
- PREFERENCES
- STYLE CONVERT
- CUSTOM STYLE LOAD/SAVE
- LOAD
- SAVE
- DIRECT PLAY
- SONG MEDLEY

EASY SETTING (Press and hold)

Schnell Einstellungen (Funktionstate drücken und halten)



→ TECHNI-CHORD



→ FADE IN/OUT SETTING



→ REVERB



→ PANEL MEMORY MODE



→ MULTI EFFECT



→ MUSIC STYLE ARRANGER MODE



→ CHORUS



→ LOAD



→ SOUND DSP



→ COMPOSER LOAD



→ MEDLEY PLAY

SOUND / Klänge

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
Bright Piano Mono	32	16	2
Mellow Piano	32	48	1
Mellow Grand	32	49	1
Mellow Piano Mono	32	56	1
Baby Grand	32	40	1
Piano 1 Octave	32	64	1
Grand Piano 1 Oct	32	65	1
Piano 2 Octave	32	72	1
Grand Piano 2 Oct	32	73	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
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 1	32	9	25
Spanish Guitar 2	32	10	25
Spanish Guitar 3	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
BrilliantFolkGtr	32	40	26
AccompFolkGuitar	32	42	26
Live Folk Guitar	32	43	26
Jazzy Folk Gtr	32	44	26
Nashville Ac Gtr	32	45	26
Stereo Strum	32	46	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
Live Jazz Guitar	32	4	27
Picked Jazz Gtr	32	8	27
Jazz Strat	32	32	27
Jazz Gtr Octave	32	24	27
Jazz Pop Guitar	32	25	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 1	40	26	28
Wah Wah Lead 2	40	25	28

Mute Guitar	32	0	29
Funk Mute Guitar	32	32	29
Stereo Mute Gtr	32	40	29
Distortion Gtr 1	32	1	31
Distortion Gtr 2	32	5	31
Distortion Gtr 3	32	0	31
Distortion Gtr 4	32	4	31
Groovy Dt.Gtr 1	32	17	31
Groovy Dt.Gtr 2	32	16	31
Funky Distortion	32	2	31
Feedback Guitar1	32	17	32
Feedback Guitar2	32	16	32
Feedbacker	32	18	32
Lead Guitar	32	8	31
Carnivore Lead	32	10	31
Touch Wah Lead	32	12	31
Rock&Roll Guitar	40	16	28
Wheel Wah Wah	32	32	31
Overdrive Gtr 1	32	1	30
Overdrive Gtr 2	32	0	30
Solid Blues 1	32	48	31
Solid Blues 2	32	49	31
Solid Chorus	32	28	28
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
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

SOUND / Klänge

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
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
Ballad Strings	32	4	50

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
Boys Doo	32	39	54
Boys Ooh	32	34	53
BoysFalsetto Ooh	32	35	53
Boys Doo Wah	32	37	54
Boys Wah	32	44	54
Boys Laa	32	46	54

Boys Bap	32	79	54
Boys DooWahBap	32	54	54
Boys & Girls Doo	32	50	54
Boys & Girls Ooh	32	38	53
B&G Slow Oohs	32	39	53
Chorus Baps	32	74	54
Girls & Boys Bap	32	78	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
Chest Hit Perc	32	67	54
Doo You Bap Boys	32	75	54
Acapella Basses	32	69	54
La Voix	32	28	53
Doo Lally	32	70	54
Ooh La La	32	44	53
Say Doo Wah	32	45	54
Synthal Cords	32	60	53
Evensong	32	58	53

ELECTRIC ORGAN

Perc Organ	40	0	18
Perc Organ DE	32	0	18
Perc Organ NE	32	4	18
JazzOrganSoloist	32	20	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
FastRotorOrgan 1	32	22	17
FastRotorOrgan 2	32	30	17
FastRotorOrgan 3	32	6	17
FastRotorOrgan 4	32	31	17
Key Click Organ	32	21	18
Straight Spinner	32	18	17
60s Movie Organ	32	84	17
Ball Game Organ	32	23	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

60s Organ	32	80	17
Organ Bass	40	64	17
Organ Bass DE	32	64	17
Organ Bass NE	32	68	17
Bass Pedals 16+8	32	67	17
Bass Pedals 16'	32	66	17
Euro Tabs Full	32	2	17
Bright MixedTabs	32	5	17
Euro Tabs 1	32	3	17
Euro Tabs 2	32	9	17
Euro Tabs 3	32	10	17
Euro Tabs 4	32	11	17
Jazz Tabs	32	10	18
USA Tabs	32	7	17
Flowery Jazz	32	2	18
E.Theatre Organ1	32	26	19
E.Theatre Organ2	32	6	19
Far Fee Sir	32	7	19

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 Novelty	32	80	20
Seaside Organ	32	88	20
Tibia Chorus	32	76	20
Harmonium	32	0	21
Puff Organ	32	32	21
Full Theatre 1	32	65	20
Full Theatre 2	32	92	20
Full Theatre 3	32	93	20
Full Theatre 4	32	94	20
Theatre Romance1	32	79	20
Theatre Romance2	32	87	20
Theatre Sizzle 1	32	81	20
Theatre Sizzle 2	32	82	20
Hollow Theatre 1	32	66	20
Hollow Theatre 2	32	67	20
Theatre Accomp 1	32	73	20
Theatre Accomp 2	32	74	20
Theatre Accomp 3	32	75	20
Theatre Accomp 4	32	77	20
Theatre Accomp 5	32	72	20
Theatre Sparkle	32	86	20
ChrysoglotAccomp	32	78	20
Tibia Pedals	32	70	20
Open Tibias	32	69	20
Flute Chorus	32	18	20
Theatre Vox	32	83	20
Echo Reeds	32	84	20
8 Foot Mixture	32	85	20
Majestic Organ	32	36	20
T.O.Brass&Reeds	32	37	20
Mixed Ranks	32	71	20

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

SOUND / Klänge

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
French Acdn 1	36	0	17
French Acdn 2	36	8	17
French Acdn 3	36	32	17
French Acdn 4	36	16	17
French Acdn 5	36	48	17
French Acdn 6	36	72	17
French Acdn 7	36	88	17
French Acdn 8	36	64	17
French Acdn Bs1	36	36	17
French Acdn Bs2	36	46	17
French Acdn 9	32	54	22
French Acdn 10	32	5	22
French Acdn 11	32	6	22
French Musette1	32	70	22
French Musette2	32	18	22
FrenchTangoAcnd1	32	52	22
FrenchTangoAcnd2	32	74	22
JazzyFrench Acdn	32	4	22
Supermusette	32	7	22

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
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
CupMuteTrombonN	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
Bariton Horn	32	36	59
Bariton Parp	32	37	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
Growl Tenor Sax	32	56	67
Baritone Sax	32	0	68
Baritone Sax NV	32	1	68

Bari.Sax Soloist	32	4	68
DanceBandUnison2	32	86	72
Big Band Reeds	32	84	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
RomanticClarntNV	32	17	72
Mellow Clarinet	32	24	72
MellowClarinetNV	32	25	72
Classic Clarinet	32	32	72
Bass Clarinet	32	48	72
DanceBandUnison1	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
HarmonicaSoloist	32	4	23
Ballad Harmonica	32	6	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

SOUND / Klänge

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
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
Party March Bass	32	35	59

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
70s 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
Practically Huge	32	20	51
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
12 String Pad	32	104	26
Pad Guitar	32	32	100

PIANO PAD

Piano & Strings	32	80	1
G.Piano&Strings	32	83	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
Paddy Pad Pad	32	4	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
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
80s 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
80s 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
80s Solo Man	32	72	88
Percy Synth	32	16	100
Pick Your Pad	32	48	100
Git'Dreams	32	64	100

SOUND / Klänge

Bouncing Creak	32	76	85
Digi Stack	32	16	104
70s Shine	32	48	104
Siren@space	32	64	104
Old Sampler	32	64	51
Rave Chord	32	32	98
70s 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
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

DRUM KITS

Standard Kit1	38	0	1
Standard Kit2	38	0	2
LiveStandardKit	38	4	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 1	38	0	37
Live Jazz Kit 2	38	0	38
Brush Kit	38	0	41
Live Brush Kit 1	38	0	45
Live Brush Kit 2	38	0	46
Analog Kit 1	38	0	26
Analog Kit 2	38	0	27
Soul Kit	38	0	28
Dance Kit 1	38	0	30
Dance Kit 2	38	4	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

DRAWBAR & TABS

<Jazz Drawbars>	34	0	1
<Rock Drawbars>	34	0	17
< USA Tabs >	35	0	2
<European Tabs>	35	0	3
<Theatre Pipes>	35	0	10

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
Harpichord *	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
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

SOUND / Klänge

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
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
60s 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
Harpsi.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
60s 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
60s 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
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 / Rhythmen

Rhythm	Exclusive data Body data			Rhythm	Exclusive data Body data		
	1st	2nd	3rd		1st	2nd	3rd
8 & 16 BEAT				ROCK & POP			
8Bt Standard	0	12	90	Rock 'n' Roll	0	1	80
8 Beat Rock	0	8	90	Comet Rock	0	2	82
8 Beat Slow	0	6	88	ShuffleR&Roll	0	5	76
Swing Rock 1	0	6	72	Blues R&Roll	0	4	76
Swing Rock 2	0	7	72	ShuffleBoogie	0	14	76
16Bt Standard	0	1	96	Boy Pop	0	5	83
16 Beat Rock	0	0	96	Girl Group	0	3	104
16 Beat Slow	0	4	97	Swing Pop	0	7	84
Pop 16 Beat 1	0	3	101	Hard Rock	0	5	92
Pop 16 Beat 2	0	2	108	ShuffleH.Rock	0	3	79
				Piano Rock	0	14	84
				Bop Rock	0	4	104
				Latin Pop	0	3	52
				Modern R&Roll	0	0	80
				Slow SwingPop	0	1	64
				Jazz Pop	0	4	110
60s & 70s				MODERN DANCE			
70s Orchestra	0	5	101	Techno	0	8	126
60s R&Roll	0	11	80	Euro Dance	0	11	124
60s Pop Idol	0	5	86	Drum & Bass	0	3	121
Cavern Pop	0	9	88	Hip Hop	0	14	127
Surfin' Pop	0	6	83	Trance	0	9	126
70s Radio	0	5	79	House	0	5	125
70Inspiration	0	8	88	Chemical Beat	0	2	121
70s Ballad	0	10	91	Garage	0	10	126
Detroit Pop	0	5	104	70s Disco	0	8	124
Rock Festival	0	6	86	Rap	0	12	127
Organ Rock	0	8	91	Disco	0	2	122
70s Soul	0	3	111	Modern Samba	0	2	52
70s PianoRock	0	6	84	Caribarena	0	3	127
				Modern Reggae	0	6	71

RHYTHM / Rhythmen

Rhythm	Exclusivee data Body data			Rhythm	Exclusivee data Body data		
	1st	2nd	3rd		1st	2nd	3rd
BALLAD				JAZZ & SWING			
Pop Ballad 1	0	6	91	Fast Bebop	0	7	32
Pop Ballad 2	0	6	107	Slow Jazz	0	1	45
Pop Ballad 3	0	6	98	Modern Bebop	0	6	40
8 Beat Ballad	0	7	91	Acapella	0	2	45
16Beat Ballad	0	12	99	Jazz Voices	0	8	32
50s Ballad	0	2	78	UpTempo BBand	0	5	36
Blues Ballad	0	9	75	Steady BBand	0	8	38
Rock Ballad	0	3	74	Slow Big Band	0	7	38
ModRockBallad	0	13	74	Swing Romance	0	5	29
BalladPianist	0	10	99	Miller Band	0	4	39
ModSoulBallad	0	4	103	Swing Ballad	0	3	37
8 & 16 Ballad	0	5	98	Jazz Combo	0	0	33
H.Rock Ballad	0	9	91	Boogie Woogie	0	1	31
Soul Ballad	0	12	75	Jazz Quintet	0	11	34
80s Ballad	0	11	99	Hip Vocals	0	0	42
Piano Ballad	0	7	98	BigBandBallad	0	11	38
				Swing Band	0	5	39
				Club Combo	0	5	35
				Dixie Band	0	2	24
				Slow Blues	0	2	75
SOUL & R&B				COUNTRY & WESTERN			
8 Beat Soul	0	3	87	Bluegrass	0	5	20
16 Beat Soul	0	3	103	Country Rock	0	7	85
Soul Shuffle	0	13	77	Country Blues	0	6	17
Soul R&B	0	4	87	Country Pop	0	1	18
Soft Groove	0	4	114	Country Folk	0	10	90
Gospel 8Beat	0	10	77	Country 2Step	0	0	17
GospelShuffle	0	0	77	CountryShffle	0	9	17
GospelRevival	0	7	77	CountryPiano	0	3	75
Gospel Voices	0	9	77	CountryBallad	0	4	18
ModernWorship	0	12	77	Country Waltz	0	0	19
Funk	0	5	110	PianoShowtime	0	2	28
Soul Funk	0	6	110	Mod.Bluegrass	0	4	20
Jazz Funk	0	4	112	Square Dance	0	1	24
Hip R&B	0	15	127	Cajun Country	0	8	85
R&B Piano	0	4	35				
Swingy Funk	0	4	65				
Soul Piano	0	0	102				
Jazz Rock	0	7	113				
Gospel 3/4	0	1	19				

RHYTHM / Rhythmen

Rhythm	Exclusivee data Body data			Rhythm	Exclusivee data Body data		
	1st	2nd	3rd		1st	2nd	3rd
BALLROOM				MOVIE & SHOW			
Slow Foxtrot	0	15	29	Modern Opera	0	8	98
Ballroom Fox	0	12	29	Summer Ballad	0	14	74
Last Foxtrot	0	2	29	Orch. Ballad	0	4	98
Quick Foxtrot	0	4	30	Movie Ballad	0	1	98
BallroomQstep	0	3	28	Show Ballad	0	4	15
BallroomTwist	0	10	76	The MainEvent	0	5	37
Modern Rhumba	0	9	58	Movie Swing	0	6	37
ModernBeguine	0	4	59	Tap Dancers	0	14	29
BallroomSamba	0	11	51	Movie Waltz	0	4	13
BallroomWaltz	0	5	13	Secret Agent	0	7	107
Jive	0	8	29	Stride Piano	0	5	30
BallroomTango	0	8	53	Lounge Piano	0	4	44
Pasodoble	0	2	69	Animation	0	9	98
English Waltz	0	7	8	Showstopper	0	9	15
Vienna Dance	0	3	9	Movie Disco	0	9	124
Modern ChaCha	0	7	57	VirtuosoPiano	0	13	99
				NightClubShow	0	2	98
				Epic Ballad	0	10	98
				Broadway Show	0	0	15
				Space Epic	0	5	2
MARCH & WALTZ				ORGANIST			
USA March 2/4	0	6	0	Organ Blues	0	5	2
USA March 6/8	0	4	2	Organ Pops	0	7	107
German March	0	4	1	Organ Bossa	0	9	98
Polka 2/4	0	0	4	Organ Beguine	0	9	15
BavarianPolka	0	1	4	Organ Samba	0	1	124
Waltz	0	2	13	OrganShowtime	0	14	29
Waltz Ballad	0	4	12	Organ Ballad	0	14	74
Swingy Waltz	0	7	46	Organ Foxtrot	0	10	98
Musette Waltz	0	3	11	Organ Waltz	0	6	37
German Waltz	0	0	8	Organ March	0	4	13
ChansonWaltz	0	4	11				
ClassicVienna	0	4	9				

RHYTHM / Rhythmen

Rhythm	Exclusivee data Body data			Rhythm	Exclusivee data Body data		
	1st	2nd	3rd		1st	2nd	3rd
ENTERTAINER				LATIN & WORLD			
Simple 8 Beat	0	7	88	Bossanova 1	0	1	63
German Pop 1	0	4	83	Bossanova 2	0	2	63
R&B Pop	0	4	101	Beguine	0	3	59
Shuffle	0	4	79	Rhumba	0	13	58
Party March	0	10	4	Bolero	0	6	58
Simple 16Beat	0	5	97	Cha Cha	0	6	57
German Pop 2	0	5	120	Samba	0	10	51
Party Pop	0	14	4	Samba Rock	0	4	116
Ballad 12/8	0	10	74	Salsa	0	6	68
Schlager	0	2	104	Tango Argent	0	7	53
German Ballad	0	0	74	HawaiiShuffle	0	2	22
Oldies	0	7	80	Mariachi	0	2	67
70s Party	0	7	4	Gypsy Dance	0	1	61
Disco Samba	0	4	120	Tarantella	0	3	5
				Irish Jig	0	4	5
				Hawaiian	0	4	22
				Merengue	0	1	67
				Swingy Reggae	0	5	71
				Sirtaki	0	3	60
				Scottish Reel	0	4	26
CUSTOM				Cumbia	0	3	67
CUSTOM-1	32	0	0	Bossa 2/2	0	0	48
CUSTOM-2	32	0	1	Talempong	0	2	60
CUSTOM-3	32	0	2	ItaliaRomance	0	5	11
CUSTOM-4	32	0	3	Dangdut	0	4	60
CUSTOM-5	32	0	4	Keroncong	0	5	60
CUSTOM-6	32	0	5				
CUSTOM-7	32	0	6				
CUSTOM-8	32	0	7				
CUSTOM-9	32	0	8				
CUSTOM-10	32	0	9				
CUSTOM-11	32	0	10	MEMORY			
CUSTOM-12	32	0	11	MEMORY-A	16	0	0
CUSTOM-13	32	0	12	MEMORY-B	16	0	1
CUSTOM-14	32	0	13	MEMORY-C	16	0	2
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 / Accordfolge)

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	Am 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	C	C	B \flat 7 F7
		C	C	C	B \flat 7 F
	6(Min)	Cm	A \flat 7	G7	F7 G7
		Cm	A \flat 7	G7	Cm
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 G A \flat m \flat 5	Am F	C G A \flat m \flat 5	Am F
	6(Min)	Cm B \flat	A \flat B \flat A \flat m \flat 5	Cm B \flat	A \flat B \flat A \flat m \flat 5
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	CAUG	C6	Gm7 C7
		F	E7	Am	Fm
		C Am	D7 G7	C Am	Dm G7
	6(Min)	Cm	A \flat	F7	D7
		Dm7 \flat 5	Cm	D7	G7
		Cm	A \flat	D7 G7	Cm G7

SOLO PAD (Chord Progressing / Accordfolge)

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	C	G7	G7
		Dm7	G7	C	C
	6(Min)	Cm	G7	Fm G7	Cm
		C7	Fm	D7	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)	F7	F7	C7	C7
		G7	F7	C7	G7
	6(Min)	Fm7	Fm7	Cm7	Cm7
		Fm7	G7	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	Gm Gaug7
		F F \sharp dim	Gm6 A7	D7	Dm7 G7
	6(Min)	Cm Fdim	Cm	Fm6	G7
		Fdim	Cm	F \sharp dim	Fm6

SUGGESTED SONGS / Song Vorschläge

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.

Die folgende Liste enthält viele Songnamen, die Sie beispielsweise mit den verschiedenen Rhythmen und den zugehörigen MUSIC STYLIST oder MUSIC STYLE ARRANGER Einstellungen Spielen Können.

8 & 16 BEAT

8Bt Standard	Sunny / Born Free / Sealed With A Kiss / The Way We Were / Hey Jude / Here, There And Everywhere / How Deep Is Your Love / Stand By Your Man / Ein Bischen Frieden / Flieg nicht so hoch
8 Beat Rock	Every Breath you take / San Fransisco / California Dreamin' / Music To Watch Girls By / Down Town / Georgy Girl / Lena / Musica E / Do You Know The Way To San Jose?
8 Beat Slow	Hey Jude / Yesterday / Day by Day / And I love her / I Don't Know How To Love Him / Michelle / We've Only Just Begun / Lovers' Concerto / Yesterday once more / Feelings / It's Impossible / My Way/ The Streets Of London / If / Make It With You / Love Story
Swing Rock 1	I Love Your Smile / Virtual Insanity / Street Life
16Bt Standard	You To Me Are Everything / Feels So Good / Dancing Queen / Moonlighting / Rock With You / Lovely Day
16 Beat Rock	Yesterday when I was young / Honey / Without you / Arthur's Theme / Alone Again (Naturally) / Man In Motion / St Elmo's Fire / Blowing in the wind / I Will Always Love You / Clouds Across The Moon
16 Beat Slow	The Way We Were / Arthur's Theme / Nikita / One Hundred Ways / We May Never Love Like This Again
Pop 16 Beat 1	Breezing / Can't get by without you / Lovely day / There must be an angel / I wanna Be With You / Killing Me Softly / Feel Like Makin Love

ROCK & POP

Rock 'n' Roll	Teddy Bear / Rock Around The Clock
Comet Rock	Rock Around The Clock / Green Door / Jailhouse Rock / This Ol' House / Kansas City
ShuffleR&Roll	Rock Around The Clock / Crazy Little Thing Called Love / Green Door / Teddy Bear / Let's Twist Again / Jailhouse Rock / Blue Suede Shoes
Blues R&Roll	Your Mamma Don't Dance / Night Train
ShuffleBoogie	Bad Leroy Brown / Stop, Ich Will Nach Schwabing
Boy Pop	Quint Playing Games With My Heart / No Matter / You're the owner of my heart
Hard Rock	Satisfaction / Rock'n All Over The World
ShuffleH.Rock	Your Mamma Don't Dance / Waterloo / Gotta Get You Into My Life / The Doo Run Run
Piano Rock	Crocodile Rock / Love Will Keep Us Together / Don't Go Breaking My Heart / Diana / When I'm Dead And Gone
Modern R&Roll	Honky Cat / Bet It On / Honky Tonk Woman
Slow SwingPop	Morning / Viva I' amour / Matrimony / Killing Me Softly / I Can See Clearly Now / Ich Hab Ueberall Blaue Flecken Von Dir
Jazz Pop	Can't Get Bye Without You / You To Me Are Everything / Easier Said Than Done

BALLAD

Pop Ballad 1	Lady In Red / Up Were We Belong / I Believe I Can Fly / Don't Break My Heart / Total Eclipse Of The Heart
Pop Ballad 2	Nightshift / Theme Dynastie / Ich Hab Getraumt Von Dir
Pop Ballad 3	Only Love / Yesterday / She's The One
8 Beat Ballad	Bridge Over Troubled Water / Do You Know Where Your Going To / The Way We Were / We've Only Just Begun
16Beat Ballad	Nothing's Going To Change My Love For You / Carless Whisper / Baby, I Love You To Want Me / I Want To Know What Love Is / Take My Breath Away
50s Ballad	Chanson D'amour / I Can't Help Falling In Love With You / The End Of The World / Only You / Sail Along Silv'ry Moon / Saving All My Love For You / Don't It Make MY Brown Eyes Blue
Blues Ballad	Georgia On My Mind / The Birth Of The Blues / Summertime / Born To Be Blue
Rock Ballad	Theme From A Summer Place / Love Me Tender / Unchained Melody / The Impossible Dream / The End Of The World / Only You / The Green Green Grass Of Home
ModRockBallad	Try To Remember / Saving All My Love For You / The End Of The World / Falling In Love
BalladPianist	Always On My Mind / Feelings / Let Me Try Again / Hey Jude / Alfie / You Are So Beautiful / Ballade Pour Adeline / Lady Di / My Way
ModSoulBallad	I Believe I Can Fly / One Day I'll Fly Away
8 & 16 Ballad	Let Me Try Again / Love Story Theme
H.Rock Ballad	Hard To Say I'm Sorry / Why Does The Sun Goes Shining
Soul Ballad	Your Love Is King / Don't It Maker My Brown Eyes Blue
80s Ballad	Make It With You / Man In Motion / Goin' Out Of My Head / Nothing gonna change my love for you / St Elmo's Fire
Piano Ballad	Candle In The Wind / Yesterday / Bridge Over Troubled Water / Wind Beneath My Wings / Hero / I Need Love

SUGGESTED SONGS / Song Vorschläge

JAZZ & SWING

Fast Bebop	On Green Dolphin Street / All Of Me / This Can't Be Love / How High The Moon / I could Write A Book / I Hear Music / That Old Black Magic / Take The 'A' Train / C Jam Blues / Boogie Woogie Bugle Boy
Slow Jazz	Cry Me A River / Days Of Wine And Roses / Little Darling / Misty / Round' Midnight / A Nightingale Sang In Berkley Square / That's All / The Shadow Of Your Smile
Modern Bebop	Lullaby Of Birdland / Green Dolphin Street / How High The Moon / Softly As In A Morning Sunrise
Acapella	Mr. Sandman / Sweet Georgia Brown
Jazz Voices	Laura / The Nearness Of You / The Days Of Wine & Roses / I Only Have Eyes For You
UpTempo BBand	Chicago / Take The 'A' Train / It's Only A Paper Moon / Just Friends / In The Mood / S'Wonderful / Caravan / Have You Met Miss Jones / This Can't Be Love / I Just Found Our About Love / The Lady Is A Tramp /
Steady BBand	Where Or When / Foggy Day / Sentimental Journey / Deep Purple / This Can't Be Love / Tuxedo Junction / Stompin' At The Savoy / April In Paris / Zing Went The Strings Of My Heart / I'm Beginning To See The Light / I've Got The World On A String / Satin Doll / Jada /
Slow Big Band	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
Swing Romance	Smile / La Mer / Autumn Leaves / I Will Wait For You / Lullaby Of The Leaves / Love Is Here To Stay / Let's Call The Whole Thing Off / The Simple Life
Miller Band	Poika Dots And Moonbeams / Moonlight Serenade / Misty / Autumn In NewYork / I Know Why / The Nearness Of You / I Can't Get Started / Moonlight In Vermont
Swing Ballad	I've Grown Accustomed To Her Face / Unforgettable / La Mer (Beyond The Sea) / Till There Was You / I Wish You Love / Blue Moon / Let There Be Love / What Kind Of Fool Am I / Smile / Tenderly / Stranger On The Shore / My Funny Valentine / Our Love Is Here To Stay / Days Of Wine And Roses
Jazz Combo	How High The Moon / Don't Get Around Much Anymore / Jada / I'm Beginning To See The Light / It's All Right With Me / It Don't Mean A Thing (If It Ain't Got That Swing) / I've got The World On A String / I've Got My Love To Keep Me Warm / All Or Nothing At All / A Foggy Day / Straighten Up & Fly Right
Boogie Woogie	The Boogie Woogie / Shake, Rattle & Roll / I'm walking / Woodchopper's Ball / Teddy Bear / Boogie Woogie Bugle Boy / Rock Around The Clock
Jazz Quintet	Lullaby Of Birdland / September In The Rain / What A Difference A Day Made / Roses / Pick Yourself Up / Let There Be Love
BigBandBallad	I Can't Get Started / Lil' Darlin / Autumn Leaves / In A Sentimental Mood / Over The Rainbow / Someone To Watch Over Me / Moonlight In Vermont / Days Of Wine & Roses / My One & Only Love / One For My Baby
Swing Band	Jada / Sweet Georgia Brown / Don't Get Around Much Anymore / How High The Moon / Mr Lucky / Paper Moon / Orange Coloured Sky / Straighten Up & Fly Right / Zing Went The Strings Of My Heart / I've Got You Under My Skin / I get A Kick Out Of You
Club Combo	Jada / Honeysuckle Rose / Hello Dolly / Lady Is A Tramp / Cheek To Cheek / Bye Bye Blues / After You've Gone / C'est Si Bon / Blue Moon / All Of Me
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 / Hello Dolly
Slow Blues	Wabash Blues / Basin Street Blues / Hymn To Freedom / Tin Roof Blues

BALLROOM

Slow Foxtrot	Red Roses of a blue lady / Dankeschoen / Raindrops keep falling on my head / Close to you
Last Foxtrot	I Get A Kick Out Of You / All Of Me / Hundert Bunte Bänder / Tie A Yellow Ribbon / Oh When The Saints / Spiel Mir Eine Uleine Melodia / Schmidtchen Schleiger / Cheek To Cheek / Hello Mary, Lou / Biene Maja / I've Got The Sun In The Morning / S' Wonderful / I Won't Dance / Paper Roses / Auf Wiedersehn
Quick Foxtrot	Tie A Yellow Ribbon / Maja
Ballroom Fox	L Is For Lover / Dankeschön
BallroomQstep	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
BallroomTwist	When / Lets Twist Again / Lets Dance / Hawai 50 / Stager Lee / Kansas City / Your Mama Don't Dance
Modern Rhumba	Besame Mucho / Song From Jungle Book / Spanish Eyes / Night And Day / Spanish Harlem / I Could Have Danced All Night
ModernBeguine	Besamo Mucho / Begine the Beguine / Quando Caliente El Sole / Ramona
BallroomSamba	Brazil / Tequilla
BallroomWaltz	Ice-Scater Waltz / Für mich soll's rote Rosen regnen / Schneewalzer
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
BallroomTango	Midnight Tango / Tango Jalousy / Frenesia / Blue Tango
Vienna Dance	Wiener Blut / Donau-Wellen / Imperial Waltz / The Blue Danube / Gold Und Silber / Waltz (An Der Schönen Blauen Donau) / Schneewalzer / Heut'ist Nicht Ein Feiertag Für Mich
Modern ChaCha	China / Tea For Tow / Never On A Sunday / Perfidia / Frenesi
Pasodoble	Viva Espana / Espana Cani / Spaiens Gitarren / Spanish Gypsy Dance

SUGGESTED SONGS / Song Vorschläge

MOVIE & SHOW

Modern Opera	Bring Him Home / I Don't Know How To Love Him / All I Ask Of You / The Music Of The Night / Tell Me On A Sunday / Think Of Me / Starlight Express / On My Own
Summer Ballad	Theme From "A Summer Place" / Unchained Melody / Memory From "Cats"
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
Movie Ballad	Somewhere Out There / Beauty & The Beast / When You Wish Upon A Star
Show Ballad	One / Singing In The Rain / Surrey With A Fringe On Top
The MainEvent	The Lady Is A Tramp / All Of Me / Almost Like Being In Love / Mack The Knife / Misty / Laura / I Won't Dance / I Get A Kick Out Of You / Cheek To Cheek / Zingwent The Strings Of My Heart
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
Tap Dancers	Cheek To Cheek / They Can't Take That 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
Movie Waltz	Moon River / Charade / Shadows Of Paris / Que Sera Sera / My Favourite Things / Chim Chim Cheree / True Love / Lara's Theme (Dr Zhivago) / Edelweiss
Secret Agent	Bond Theme / Diamonds Are Forever / Goldfinger / You Only Live Twice / From Russia With Love / Eye Level / Casino Royale
Stride Piano	Side By Side / Ain't Misbehavin Making Whoopie / Me Any My Shadow / Bye Bye Blackbird / Strolling / Honeysuckle Rose / Bye Bye Blues / Birth Of The Blues
Lounge Piano	The Shadow Of Your Smile / The Nearness Of You / My One And Only Love / The Days Of Wine And Roses
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 Danced All Night / Plink, Plank, Plunk
Movie Disco	Fame / Flashdance / Dirty Dancing / Stayin' Alive / Dangerous
VirtuosoPiano	She / Theme from Lovestory / My Way / Born Free
NightClubShow	You Make Me Feel So Young / And All That Jazz / Bye Bye Blues / Me And My Shadow
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
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
Space Epic	Star Wars / Superman Theme / The Right Stuff / Star Trek (The Next Generation)

ENTERTAINER

Simple 8 Beat	Yesterday / Living next door to Alice / Rhinestone-Cowboy / Ein bisschen Frieden / Fernando
German Pop 1	Wahnsinn / Verlieben Verlor'n
R&B Pop	Sex Bomb / Put my blue Jeans on / Stand by me
Shuffle	Lucky Lips / See you later alligator / Woody Woody
Party March	Ein Heller & Ein Batzen / Rucki-Zucki / Obladi Oblada
Simple 16Beat	Nikita / Lady in red / Quantanamera
German Pop 2	La Paloma Blanca / Fiesta Mexicana / Ibiza! / La Paloma / Amor Amor / Amapola / Ay No Digas / Es Kann Der Fremde Nicht In Frieden Leben / Eloisa / Congratulations / Yellow River / Adios Amor / Am Weißen Stand Von San Angdo / Ich Komme Wieder / Das Wandern Ist Des Müller's Lust / Fahre
Party Pop	Lapaloma Blanca / Sun of Jamaica / Fiesta Mexicana / Karamba - Karacho - ein Whiskey
Ballad 12/8	Wonderful World / Falling in love with you / Dr. Chiwago
Schlager	Die Rote Sonne Von Barbados / Am Weißen Strand Von St Angelo
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
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 / Come On Let's Twist Again / All I Do Is Want To Have Some Fun / Kiss Me Quick / Johnny Angel / Cinderella Baby
70s 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
Disco Samba	Two Man Sound Disco Samba / Nega / Hey Amigo Charly / Zozueira / Charlie Brown / Tristeza / Brasil / The Girls From Paramaribo / Copacabana

SUGGESTED SONGS / Song Vorschläge

ORGANIST

Organ Blues	All Of Me / Organ Grinder Swing / Sweet Georgia Brown / Splanky / Sunny Side Of The Street / The Birth Of The Blues
Organ Pops	Down Town / Ding A Ding / Ob-La-Di Ob-La-Da / Una Paloma Blanca / Mamma Mia / Rhinestone Cowboy
Organ Bossa	The Girl From Ipanema / Wave / Desafinado / So Nice / Call Me / Quiet Nights Of Quiet Stars / Dindi / How Insensitive
Organ Beguine	Till / My Own True Love / From Russia With Love / Amor / La Paloma / Begin The Beguine / The Breeze And I / More / Adios / Besame Mucho / Spanish Eyes / The Shadow Of Your Smile
Organ Samba	Tico-Tico / Cumana / Mas Que Nada / El Cumbanchero / Quando Quando / Brazil / Caravan / The Coffee Song / One Note Samba
Organ Showtime	Let's Face The Music & Dance / Mountain Greenery / There's No Business Like Showbusiness / Honeysuckle Rose / I Won't Dance / I Hear Music / Dancing In The Dark / From This Moment On / The Lady Is A Tramp / Luck Be A Lady / A Fine Romance / Pick Yourself Up / Cabaret
Organ Ballad	Some Enchanted Evening / Moonlight Serenade / Time After Time / Foggy Day / Autumn In New York / The Nearness Of You / Misty / Love Is Here To Stay / Days Of Wine And Roses / Lush Life / Early Autumn / Moonglow / Satin Doll
Organ Foxtrot	On The Street Where You Live / Nice Work If You Can Get It / Small Hotel / S'Marvellous / Change Partners / A Fine Romance / Memories Of You / Surrey With The Fringe On Top / Wouldn't It Be Lovely / Where Or When
Organ Waltz	Fascination / Around The World / Edelweiss / Over The Waves / East Of Eden / Moon River / Lara's Theme from Doctor Zivago / The Last Waltz / The Anniversary Waltz / Charade / The Sweetheart Tree / When I Grow To Old To Dream
Organ March	That's Entertainment / Stars & Stripes Forever / Strike Up The Band / Colonel Bogey / 12th Street Rag / Bill Bailey / It's A Long Way To Tipperary / Somebody Stole My Gal / Tiger Rag

60s & 70s

70s Orchestra	Love's Theme / The Hustle / Night Fever / More Than A Woman / Dancing Queen / Stayin' Alive
60s R&Roll	Satisfaction / All Right Now / Money For Nothing / Layla
60s Pop Idol	It's Not Unusual / Music To Watch Girls By
Cavern Pop	Let It Be / Hey Jude / Yesterday / Something / Michelle
Surfin' Pop	I get Around / The Sloop John B / California Girls / Fun, Fun, Fun
70s Radio	Close To You / Raindrops Keep Fallin' On My Head
70s Ballad	Imagine / Rainy Days & Mondays / I Fall In Love Again / Superstar / I Won't Last A Day Without You
Organ Rock	He ain't heavy / A Whiter Shade Of Pale / Ferry 'Cross The Mersey
70s Soul	You Are The Sunshine Of My Life / Going Out Of Head / For Once In My Life
70s PianoRock	Crocodile Rock / Love Will Keep Us Together / Don't Go Breaking My Heart / Diana / I Get Around

MODERN DANCE

Euro Dance	Barbie Girl / Mr. President / Can't get you out of my head
House	Do You Believe / Insel mit 2 Bergen
70s 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'
Caribarena	Macarena / Quantanamera
Modern Reggae	Can't Help Falling In Love / No Woman No Cry / Pass The Dutchie / Red Red Wine / Games People Play / All Along

COUNTRY&WESTERN

Bluegrass	On The Road Again / Thank God I'm A Country Boy / Yakety Sax / Turkey In The Straw / You Are My Sunshine
Country Blues	King Of The Road / Kansas City
Country Pop	Southern Nights / Ein Bett Im Kornfeld / Listen To The Music / Let Your Love Go
Country Folk	All I Ever Need Is You / Country Roads / The Streets Of London
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 / King Of The Road
Country Shffle	Heartache Tonight / Your Mama Don't Dance
Country Piano	Please Release Me / Blueberry Hill / Help Me Make It Through The Night / Sail Along Silv'ry Moon
Country Ballad	You're Always On My Mind / Crazy / I Love You Because / The Way You Love Me / Paper Roses / For The Good Times / Green Green Grass Of Home / You Needed Me / Make The World Go Away / Home On The Range / You Are My Sunshine
Country Waltz	Tennessee Waltz / Could I Have This Dance / Try To Remember / The Anniversary Waltz
Piano Showtime	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
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 / Campdown Races / Big Train From Memphis
Square Dance	Turkey In The Straw / Oh Susanna / Deep In The Heart Of Texas / Red River Valley

SUGGESTED SONGS / Song Vorschläge

SOUL & R&B

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
Soul R&B	Mercy Mercy / Respect / Watermelon Man
Soft Groove	I Like Your Smile / Feel's So Good / We're In This Love Together / Mornin' / Feelin' Groovy / I Can't Get By Without You / Feel Like Makin' Love / I Just Want To Hang Around
Gospel 8Beat	My Sweet Load / Put Your Hand In The Hand
Gospel Shuffle	Give Me That Old Time Religion / Amen / Closer Walk With Thee
Gospel Revival	Just A Closer Walk With Thee / He's Got The Whole World In His Hand / Gonna Build A Mountain
Modern Worship	Holy Holy Holy / My Sweet Lord / Put Your Hand In The Hand
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
Hip R&B	Cantaloupe Island / Smoke Over Water / Put It Where You Want
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
Swingy 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
Jazz Rock	Mountain Dance / Early A.M. Attitude / History Lesson
Gospel 3/4	Old Rugged Cross / Amazing Grace

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 / River Kwai March
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
Waltz Ballad	When I Need You / You Light Up My Life / The Last Waltz / True Love
Swingy Waltz	Hello, Young Lovers / Bluesette
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

LATIN & WORLD

Bossanova 1	Girl From Ipanema / A Day In The Life Of A Fool / Quiet Nights Of Quiet Stars
Bossanova 2	Quiet Nights Of Quiet Stars / Desidinardo / Girl From Ipanema / 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 / Amor, Amor
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
Cha Cha	Tea For Two / Perfidia / Wheels / Patricia / Por Favor
Samba	Brazil / Amapola / Tico-Tico / Copacabana / Bamboleo / Amorada
Samba Rock	Quando Quando / Brazil / Tristessa
Salsa	Tico-Tico / I Go To Rio
Tango Argent	Tango Yealoyso / Midnight Tango / On Capri / Blue Tango
Hawaii Shuffle	Hawaiian War Chant / Little Grass Shack
Mariachi	El Cumbanchero / Mexican Hat Dance / Marina, Marina / Tico-Tico / La Cucaracha
Tarantella	The Tarantella / Funiculi Funicula
Irish Jig	Irish Washer Woman / McNamara's Band
Hawaiian	Hawaiian Wedding Song / Blue Hawaii
Merengue	Brazil / Quando Quando / Lambada
Sirtaki	Never On A Sunday / Zorba's Dance
Scottish Reel	Scotland The Brave / Loch Lomond
Cumbia	Our Day Will Come / Little Boat
Bossa 2/2	Quiet Nights Of Quiet Stars / Desifinado / Girl From Ipanema / Wave / How Insensitive / Nice / Dindi / Meditation
Italia Romance	Return To Sorrento / Santa Lucia

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	Hand Claps	Brush Tap	<--- (Other Kits)					
D#-2	3	Electric Snare Drum							
E-2	4	Electric Tom Low							
F-2	5	Electric Tom Mid							
F#-2	6	Electric Tom High							
G-2	7	Orchestral Tambourine							
G#-2	8	Orchestral Bass Drum							
A-2	9	Orchestral Snare Drum							
A#-2	10	Orchestral Cymbal							
B-2	11	Brush Swirl	<--- (Other Kits)	<--- (Other Kits)					
C-1	12	Brush Slap	<--- (Other Kits)	<--- (Other Kits)					
C#-1	13	Voice Ah	<--- (Other Kits)	<--- (Other Kits)				Snare Roll	
D-1	14	Voice Uhs	<--- (Other Kits)	<--- (Other Kits)				Snare Drum	
D#-1	15	Ambient Hammer	<--- (Other Kits)	<--- (Other Kits)				Finger Snap	
E-1	16	Click 1	<--- (Other Kits)	<--- (Other Kits)				Sticks	
F-1	17	Click 2	<--- (Other Kits)	<--- (Other Kits)				High Q	
F#-1	18	Hi-Hat On-Beat	<--- (Other Kits)	<--- (Other Kits)				Voice Ah	
G-1	19	Hi-Hat Off-Beat	<--- (Other Kits)	<--- (Other Kits)				Voice Yeh	
G#-1	20	Hi-Hat Accent	<--- (Other Kits)	<--- (Other Kits)				Sleigh Bell	
A-1	21	Hi-Hat Half Open	<--- (Other Kits)	<--- (Other Kits)				Castanets 2	
A#-1	22	Reverse Cymbal	<--- (Other Kits)	<--- (Other Kits)				Orchestral Tambourine	
B-1	23	Reverse Snare	<--- (Other Kits)	<--- (Other Kits)				Reverse Snare	
C0	24	Piccolo Snare	<--- (Other Kits)	<--- (Other Kits)				Reverse Snare	
C#0	25	Snare Roll	<--- (Other Kits)	<--- (Other Kits)				Cymbal with Soft Mallet	Organ Click
D0	26	Finger Snap	<--- (Other Kits)	<--- (Other Kits)				Orchestral Cymbal 2	Flute Breath Noise
D#0	27	High Q	<--- (Other Kits)	<--- (Other Kits)				Ride Cymbal 1	Sax Breath Noise
E0	28	Slap	<--- (Other Kits)	<--- (Other Kits)				Bell Tree	Click 1
F0	29	Scratch Push	<--- (Other Kits)	<--- (Other Kits)				Ride Bell	Click 2
F#0	30	Scratch Pull	<--- (Other Kits)	<--- (Other Kits)				Windchime	Slap Bass Dead Note
G0	31	Sticks	<--- (Other Kits)	<--- (Other Kits)				Gong	A.Guitar Body Hit 1
G#0	32	Square Click	<--- (Other Kits)	<--- (Other Kits)				Brush Swirl	A.Guitar Body Hit 2
A0	33	Metronome Tap	<--- (Other Kits)	<--- (Other Kits)				Orchestral Snare Drum2	A.Guitar Pick Mute
A#0	34	Metronome Bell	<--- (Other Kits)	<--- (Other Kits)				Jazz Tom Low	A.Guitar Fret Hit 1
B0	35	Bass Drum 2	<--- (Other Kits)	<--- (Other Kits)				Jazz Tom Mid	A.Guitar Fret Hit 2
C1	36	Bass Drum 1	<--- (Other Kits)	<--- (Other Kits)				Orchestral Bass Drum 2	A.Guitar Fret Hit 3
C#1	37	Rim Shot	<--- (Other Kits)	<--- (Other Kits)				Jazz Tom High	A.Guitar Fret Noise 1
D1	38	Snare Drum 1	<--- (Other Kits)	<--- (Other Kits)				Orchestral Bass Drum 1	A.Guitar Fret Noise 2
D#1	39	Hand Claps	<--- (Other Kits)	<--- (Other Kits)				Orchestral Bass Drum 2	A.Guitar Pick Noise
E1	40	Snare Drum 2	<--- (Other Kits)	<--- (Other Kits)				Orchestral Snare Drum1	High Q
F1	41	Snare Drum 3	<--- (Other Kits)	<--- (Other Kits)				Brush Slap	Slap
F#1	42	Bass-Tom Low	<--- (Other Kits)	<--- (Other Kits)				Orchestral Snare Drum2	Scratch Push
G1	43	Hi-Hat Close	<--- (Other Kits)	<--- (Other Kits)				Low-Tom 1	Scratch Pull
G#1	44	Hi-Hat High	<--- (Other Kits)	<--- (Other Kits)				Low-Tom 2	Slicks
A1	45	Low-Tom	<--- (Other Kits)	<--- (Other Kits)				Mid-Tom 1	Square Click
A#1	46	Hi-Hat Open	<--- (Other Kits)	<--- (Other Kits)				High-Tom 1	Metronome Tap
B1	47	Mid-Tom Low	<--- (Other Kits)	<--- (Other Kits)				High-Tom 2	Metronome Bell
C2	48	Mid-Tom High	<--- (Other Kits)	<--- (Other Kits)				Rim Shot	E.Guitar Fret Noise
C#2	49	Crash Cymbal 1	<--- (Other Kits)	<--- (Other Kits)				Hi-Hat On-Beat	E.Guitar Cutting Up
D2	50	High-Tom	<--- (Other Kits)	<--- (Other Kits)				Hi-Hat Off-Beat	E.Guitar Cutting Down
D#2	51	Ride Cymbal 1	<--- (Other Kits)	<--- (Other Kits)				Hi-Hat Open	Ac.Bass String Slap
E2	52	Chime Cymbal	<--- (Other Kits)	<--- (Other Kits)				Orchestral Cymbal 1	Flute Key Click
F2	53	Ride Bell	<--- (Other Kits)	<--- (Other Kits)				Ride Cymbal 2	Laughing
F#2	54	Tambourine	<--- (Other Kits)	<--- (Other Kits)				Tambourine Accent	Scream
G2	55	Splash Cymbal	<--- (Other Kits)	<--- (Other Kits)				Tambourine On-Beat	Punch
G#2	56	Cowbell	<--- (Other Kits)	<--- (Other Kits)				Castanets 1	Heart Beat
A2	57	Crash Cymbal 2	<--- (Other Kits)	<--- (Other Kits)				Triangle Mute	Footsteps 1
A#2	58	Vibraslap	<--- (Other Kits)	<--- (Other Kits)				Triangle Open	Footsteps 2
B2	59	Ride Cymbal 2	<--- (Other Kits)	<--- (Other Kits)				Rattle	Applause
C3	60	Bongo High	<--- (Other Kits)	<--- (Other Kits)				Cowbell	Door Creaking
C#3	61	Bongo Low	<--- (Other Kits)	<--- (Other Kits)				Orchestral Cymbal 1	Door
D3	62	Conga Mute Slap	<--- (Other Kits)	<--- (Other Kits)				Orchestral Cymbal 1	Scratch
D#3	63	Conga High	<--- (Other Kits)	<--- (Other Kits)				Orchestral Cymbal 1	Windchime
			<--- (Other Kits)	<--- (Other Kits)				Orchestral Cymbal 1	Car-Engine

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
A#3	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	Laser Gun
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
E4	77 Wood Block L	<--->	<--->	<--->	Count 4	Conga2 Pattern-beat6	<--- (Other Kits)	Timpani e	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	<--->	<--->	<--->	Welcome	Conga2 Mute Slap	<--- (Other Kits)	Timpani b	Stream
C5	84 Bell Tree	<--->	<--->	<--->	Script	Conga3 Pattern-beat1	<--- (Other Kits)	Timpani b	Bubble
C#5	85 Castanets	<--->	<--->	<--->	Script	Conga3 Pattern-beat2	<--- (Other Kits)	Timpani b	Telephone 1
D5	86 Surdo Mute	<--->	<--->	<--->		Conga3 Pattern-beat3	<--- (Other Kits)	Timpani b	Telephone 2
D#5	87 Surdo Open	<--->	<--->	<--->		Conga3 Pattern-beat4	<--- (Other Kits)	Timpani b	Church Bell
E5	88 Applause	<--->	<--->	<--->		Conga3 Pattern-beat5	<--- (Other Kits)	Timpani b	Carillon
F5	89 WindChime	<--->	<--->	<--->		Conga3 Pattern-beat6	<--- (Other Kits)	Timpani b	Gong
F#5	90 Samba Drum On-Beat	<--->	<--->	<--->		Conga3 Pattern-beat7	<--- (Other Kits)	Timpani b	Sleigh Bell
G5	91 Samba Drum Off-Beat	<--->	<--->	<--->		Conga3 Pattern-beat8	<--- (Other Kits)	Timpani b	Metal Hit Low
G#5	92 Small Conga High	<--->	<--->	<--->		Conga3 Open	<--- (Other Kits)	Timpani b	Metal Hit High
A5	93 Small Conga Low	<--->	<--->	<--->		Conga3 Mute	<--- (Other Kits)	Timpani b	Small Bell
A#5	94 Conga Mute On-Beat	<--->	<--->	<--->		Conga3 Open Slap	<--- (Other Kits)	Timpani b	Temple Block
B5	95 Conga Mute Off-Beat	<--->	<--->	<--->		Conga3 Mute Slap	<--- (Other Kits)	Timpani b	Ambient Hammer
C6	96 Conga Open Slap	<--->	<--->	<--->		Conga4 Pattern-beat1	<--- (Other Kits)	Timpani b	Hand Claps
C#6	97 Bongo Mute 1	<--->	<--->	<--->		Conga4 Pattern-beat2	<--- (Other Kits)	Timpani b	Crowd Claps
D6	98 Bongo Mute 2	<--->	<--->	<--->		Conga4 Pattern-beat3	<--- (Other Kits)	Timpani b	Orch Hit Low
D#6	99 Bongo Mute 3	<--->	<--->	<--->		Conga4 Pattern-beat4	<--- (Other Kits)	Timpani b	Orch Hit High
E6	100 Timbales Open High	<--->	<--->	<--->		Conga4 Pattern-beat5	<--- (Other Kits)	Timpani b	Voice Ah
F6	101 Timbales Palla	<--->	<--->	<--->		Conga4 Pattern-beat6	<--- (Other Kits)	Timpani b	Voice Yeh
F#6	102 Samba Whistle High	<--->	<--->	<--->		Conga4 Pattern-beat7	<--- (Other Kits)	Timpani b	Voice Uhs
G6	103 Samba Whistle Low	<--->	<--->	<--->		Conga4 Pattern-beat8	<--- (Other Kits)	Timpani b	Wind Voice
G#6	104 Shaker On-Beat	<--->	<--->	<--->		Conga4 Open	<--- (Other Kits)	Timpani b	Bird Tweet 1
A6	105 Shaker Off-Beat	<--->	<--->	<--->		Conga4 Mute	<--- (Other Kits)	Timpani b	Bird Tweet 2
A#6	106 Maracas On-Beat	<--->	<--->	<--->		Conga4 Open Slap	<--- (Other Kits)	Timpani b	Bird 1
B6	107 Maracas Off-Beat	<--->	<--->	<--->		Conga4 Mute Slap	<--- (Other Kits)	Timpani b	Bird 2
C7	108 Tambourine On-Beat	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Bird 3
C#7	109 Tambourine Off-Beat	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Triangle Mute 2
D7	110 Small Wood Block	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Surdo Mute
D#7	111 Cowbell 1	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Surdo Open
E7	112 Cowbell 2	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Vibraslap
F7	113 Cowbell 3	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wave 1
F#7	114 Cowbell 4	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Short Whistle
G7	115 Cowbell 5	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wave 2
G#7	116 Cowbell 6	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wave 3
A7	117	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wave 4
A#7	118	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block L
B7	119	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block M
C8	120	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block H
C#8	121	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block L
D8	122	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block M
D#8	123	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block H
E8	124	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block L
F8	125	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block M
F#8	126	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block H
G8	127	<--->	<--->	<--->			<--- (Other Kits)	Timpani b	Wood Block L

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 Close	-
E#0 28	Slap	<---	<---	Hi-Hat Pedal	-
F#0 29	Scratch Push	<---	<---	Hi-Hat Open	-
G#0 30	Scratch Pull	<---	<---	Ride Cymbal 1	-
G#0 31	Sticks	<---	<---	<---	-
G#0 32	Square Click	<---	<---	<---	-
A#0 33	Metronome Tap	<---	<---	<---	-
A#0 34	Metronome Bell	<---	<---	<---	-
B#0 35	Bass Drum 2	<---	<---	Orchestral Bass Drum 2	-
C#1 36	Bass Drum 1	<---	<---	Orchestral Bass Drum 1	-
C#1 37	Rim Shot	<---	<---	<---	-
D#1 38	Snare Drum 1	Brush Tap	<---	Orchestral Snare Drum 1	-
D#1 39	Hand Claps	Brush Slap	<---	Castanets	High Q
E#1 40	Snare Drum 2	Brush Swirl	<---	Orchestral Snare Drum 2	Slap
F#1 41	Bass-Tom Low	<---	<---	Timpani F	Scratch Push
F#1 42	Hi-Hat Close	<---	<---	Timpani F#	Scratch Pull
G#1 43	Bass-Tom High	<---	<---	Timpani G	Sticks
A#1 44	Hi-Hat Pedal	<---	<---	Timpani G#	Square Click
A#1 45	Low-Tom	<---	<---	Timpani A	Metronome Tap
B#1 46	Hi-Hat Open	<---	<---	Timpani A#	Metronome Bell
C#2 47	Mid-Tom Low	<---	<---	Timpani B	E-Guitar Fret Noise
C#2 48	Mid-Tom High	<---	<---	Timpani C	E-Guitar Cutting Up
C#2 49	Crash Cymbal 1	<---	<---	Timpani C#	E-Guitar Cutting Down
D#2 50	High-Tom	<---	<---	Timpani d	Ac. Bass String Slap
E#2 51	Ride Cymbal 1	<---	<---	Timpani d#	Flute Key Click
F#2 52	China Cymbal	<---	Reverse Cymbal	Timpani e	Laughing
F#2 53	Ride Bell	<---	<---	Timpani f	Scream
G#2 54	Tambourine	<---	<---	Orchestral Tambourine	Punch
G#2 55	Splash Cymbal	<---	<---	<---	Heart Beat
A#2 56	Cowbell	<---	<---	<---	Footsteps 1
A#2 57	Crash Cymbal 2	<---	<---	Orchestral Cymbal 2	Footsteps 2
B#2 58	Vibraslap	<---	<---	<---	Applause
C#3 59	Ride Cymbal 2	<---	<---	Orchestral Cymbal 1	Door Creaking
C#3 60	Bongo High	<---	<---	<---	Door
C#3 61	Bongo Low	<---	<---	<---	Scratch
D#3 62	Conga Mute Slap	<---	<---	<---	Windchime
D#3 63	Conga High	<---	<---	<---	Car-Engine
E#3 64	Conga Low	<---	<---	<---	Car-Stop
F#3 65	Timbales High	<---	<---	<---	Car-Pass
F#3 66	Timbales Low	<---	<---	<---	Car-Crash
G#3 67	Agogo High	<---	<---	<---	Siren
A#3 68	Agogo Low	<---	<---	<---	Train
A#3 69	Cabasa	<---	<---	<---	Jetplane
B#3 70	Maracas	<---	<---	<---	Helicopter
C#4 71	Short Whistle	<---	<---	<---	Starship
C#4 72	Long Whistle	<---	<---	<---	Gun Shot
D#4 73	Guero Short	<---	<---	<---	Machine Gun
D#4 74	Guero Long	<---	<---	<---	Lasergun
E#4 75	Claves	<---	<---	<---	Explosion
F#4 76	Wood Block H	<---	<---	<---	Dog
F#4 77	Wood Block L	<---	<---	<---	Horse-Gallop
G#4 78	Cuica Mute	<---	<---	<---	Birds
G#4 79	Cuica Open	<---	<---	<---	Rain
A#4 80	Triangle Mute	<---	<---	<---	Thunder
A#4 81	Triangle Open	<---	<---	<---	Wind
B#4 82	Shaker	<---	<---	<---	Seashore
C#5 83	Sleigh Bell	<---	<---	<---	Stream
C#5 84	Bell Tree	<---	<---	<---	Bubble
D#5 85	Castanets	<---	<---	<---	-
D#5 86	Surdo Mute	<---	<---	<---	-
D#5 87	Surdo Open	<---	<---	<---	-
E#5 88	-	<---	<---	Applause	-

EFFECT

Category				Category				Category				
1st byte	2nd byte	Effect Name	Dynamic Control Parameter	1st byte	2nd byte	Effect Name	Dynamic Control Parameter	1st byte	2nd byte	Effect Name	Dynamic Control Parameter	
Reverb				Trio Chorus				Modulated Chorus				
00	00	Room1		11	0d	Normal6	LFO Speed	14	07	Deep8	Slow LFO Speed	
	20	Room2			0e	Normal7	LFO Speed		20	Deep9	Slow LFO Speed	
01	00	Plate1			0f	Normal8	LFO Speed		21	Deep10	Slow LFO Speed	
	20	Plate2			10	Shallow1	LFO Speed		22	Deep11	Slow LFO Speed	
02	00	Concert1			11	Shallow2	LFO Speed		23	Deep12	Slow LFO Speed	
	20	Concert2			12	Shallow3	LFO Speed		24	Deep13	Slow LFO Speed	
03	00	Dark1			13	Shallow4	LFO Speed		08	Normal1	Slow LFO Speed	
	20	Dark2			14	Shallow5	LFO Speed		09	Normal2	Slow LFO Speed	
04	00	Bright1			15	Shallow6	LFO Speed		0a	Normal3	Slow LFO Speed	
	20	Bright2			16	Shallow7	LFO Speed		0b	Normal4	Slow LFO Speed	
05	00	Long1			17	Shallow8	LFO Speed		0c	Normal5	Slow LFO Speed	
	20	Long2							0d	Normal6	Slow LFO Speed	
06	00	Large_Hall1		Ensemble					0e	Normal7	Slow LFO Speed	
	20	Large_Hall2		12	00	Deep1	LFO Speed		0f	Normal8	Slow LFO Speed	
07	00	Live Stage			01	Deep2	LFO Speed		28	Normal9	Slow LFO Speed	
	20	Stadium			02	Deep3	LFO Speed		29	Normal10	Slow LFO Speed	
09	20	Medium Gate			03	Deep4	LFO Speed		2a	Normal11	Slow LFO Speed	
	21	Short Gate			04	Deep5	LFO Speed		2b	Normal12	Slow LFO Speed	
	22	Long Gate			05	Deep6	LFO Speed		2c	Normal13	Slow LFO Speed	
Chorus					06	Deep7	LFO Speed		10	Shallow1	Slow LFO Speed	
10	00	Deep1	LFO Speed		07	Deep8	LFO Speed		11	Shallow2	Slow LFO Speed	
	01	Deep2	LFO Speed		20	Deep9	LFO Speed		12	Shallow3	Slow LFO Speed	
	02	Deep3	LFO Speed		21	Deep10	LFO Speed		13	Shallow4	Slow LFO Speed	
	03	Deep4	LFO Speed		22	Deep11	LFO Speed		14	Shallow5	Slow LFO Speed	
	04	Deep5	LFO Speed		23	Deep12	LFO Speed		15	Shallow6	Slow LFO Speed	
	05	Deep6	LFO Speed		24	Deep13	LFO Speed		16	Shallow7	Slow LFO Speed	
	06	Deep7	LFO Speed		08	Normal1	LFO Speed		17	Shallow8	Slow LFO Speed	
	07	Deep8	LFO Speed		09	Normal2	LFO Speed		30	Shallow9	Slow LFO Speed	
	20	Deep9	LFO Speed		0a	Normal3	LFO Speed		31	Shallow10	Slow LFO Speed	
	21	Deep10	LFO Speed		0b	Normal4	LFO Speed		32	Shallow11	Slow LFO Speed	
	22	Deep11	LFO Speed		0c	Normal5	LFO Speed		33	Shallow12	Slow LFO Speed	
	23	Deep12	LFO Speed		0d	Normal6	LFO Speed		34	Shallow13	Slow LFO Speed	
	24	Deep13	LFO Speed		0e	Normal7	LFO Speed		Mod. Chorus D/W			
	08	Normal1	LFO Speed		0f	Normal8	LFO Speed		15	00	Dry/Wet1	Slow LFO Speed
	09	Normal2	LFO Speed		28	Normal9	LFO Speed			01	Dry/Wet2	Slow LFO Speed
	0a	Normal3	LFO Speed		29	Normal10	LFO Speed			02	Dry/Wet3	Slow LFO Speed
	0b	Normal4	LFO Speed		2a	Normal11	LFO Speed			03	Dry/Wet4	Slow LFO Speed
	0c	Normal5	LFO Speed		2b	Normal12	LFO Speed			04	Dry/Wet5	Slow LFO Speed
	0d	Normal6	LFO Speed		2c	Normal13	LFO Speed			05	Dry/Wet6	Slow LFO Speed
	0e	Normal7	LFO Speed		10	Shallow1	LFO Speed			06	Dry/Wet7	Slow LFO Speed
	0f	Normal8	LFO Speed		11	Shallow2	LFO Speed			07	Dry/Wet8	Slow LFO Speed
	28	Normal9	LFO Speed		12	Shallow3	LFO Speed			20	Dry/Wet9	Slow LFO Speed
	29	Normal10	LFO Speed		13	Shallow4	LFO Speed			21	Dry/Wet10	Slow LFO Speed
	2a	Normal11	LFO Speed		14	Shallow5	LFO Speed			22	Dry/Wet11	Slow LFO Speed
	2b	Normal12	LFO Speed		15	Shallow6	LFO Speed			23	Dry/Wet12	Slow LFO Speed
	2c	Normal13	LFO Speed		16	Shallow7	LFO Speed			24	Dry/Wet13	Slow LFO Speed
	10	Shallow1	LFO Speed		17	Shallow8	LFO Speed		Band Chorus			
	11	Shallow2	LFO Speed		30	Shallow9	LFO Speed		16	00	Chorus1	LFO Speed
	12	Shallow3	LFO Speed		31	Shallow10	LFO Speed			01	Chorus2	LFO Speed
	13	Shallow4	LFO Speed		32	Shallow11	LFO Speed			02	Chorus3	LFO Speed
	14	Shallow5	LFO Speed		33	Shallow12	LFO Speed			03	Chorus4	LFO Speed
	15	Shallow6	LFO Speed		34	Shallow13	LFO Speed			20	GM Chorus1	LFO Speed
	16	Shallow7	LFO Speed	Ensemble D/W						21	GM Chorus2	LFO Speed
	17	Shallow8	LFO Speed	13	00	Dry/Wet1	LFO Speed			22	GM Chorus3	LFO Speed
	30	Shallow9	LFO Speed		01	Dry/Wet2	LFO Speed			23	GM Chorus4	LFO Speed
	31	Shallow10	LFO Speed		02	Dry/Wet3	LFO Speed			24	Feedback Chorus	LFO Speed
	32	Shallow11	LFO Speed		03	Dry/Wet4	LFO Speed			25	Flanger	LFO Speed
	33	Shallow12	LFO Speed		04	Dry/Wet5	LFO Speed		Celeste			
	34	Shallow13	LFO Speed		05	Dry/Wet6	LFO Speed		19	00	Celeste1	LFO Speed
Trio Chorus					06	Dry/Wet7	LFO Speed			01	Celeste2	LFO Speed
11	00	Deep1	LFO Speed		07	Dry/Wet8	LFO Speed			02	Celeste3	LFO Speed
	01	Deep2	LFO Speed		20	Dry/Wet9	LFO Speed			03	Celeste4	LFO Speed
	02	Deep3	LFO Speed		21	Dry/Wet10	LFO Speed			04	Celeste5	LFO Speed
	03	Deep4	LFO Speed		22	Dry/Wet11	LFO Speed			05	Celeste6	LFO Speed
	04	Deep5	LFO Speed		23	Dry/Wet12	LFO Speed			06	Celeste7	LFO Speed
	05	Deep6	LFO Speed		24	Dry/Wet13	LFO Speed			07	Celeste8	LFO Speed
	06	Deep7	LFO Speed	Modulated Chorus						20	Celeste9	LFO Speed
	07	Deep8	LFO Speed	14	00	Deep1	Slow LFO Speed			21	Celeste10	LFO Speed
	08	Normal1	LFO Speed		01	Deep2	Slow LFO Speed			22	Celeste11	LFO Speed
	09	Normal2	LFO Speed		02	Deep3	Slow LFO Speed			23	Celeste12	LFO Speed
	0a	Normal3	LFO Speed		03	Deep4	Slow LFO Speed			24	Celeste13	LFO Speed
	0b	Normal4	LFO Speed		04	Deep5	Slow LFO Speed					
	0c	Normal5	LFO Speed		05	Deep6	Slow LFO Speed					
					06	Deep7	Slow LFO Speed					

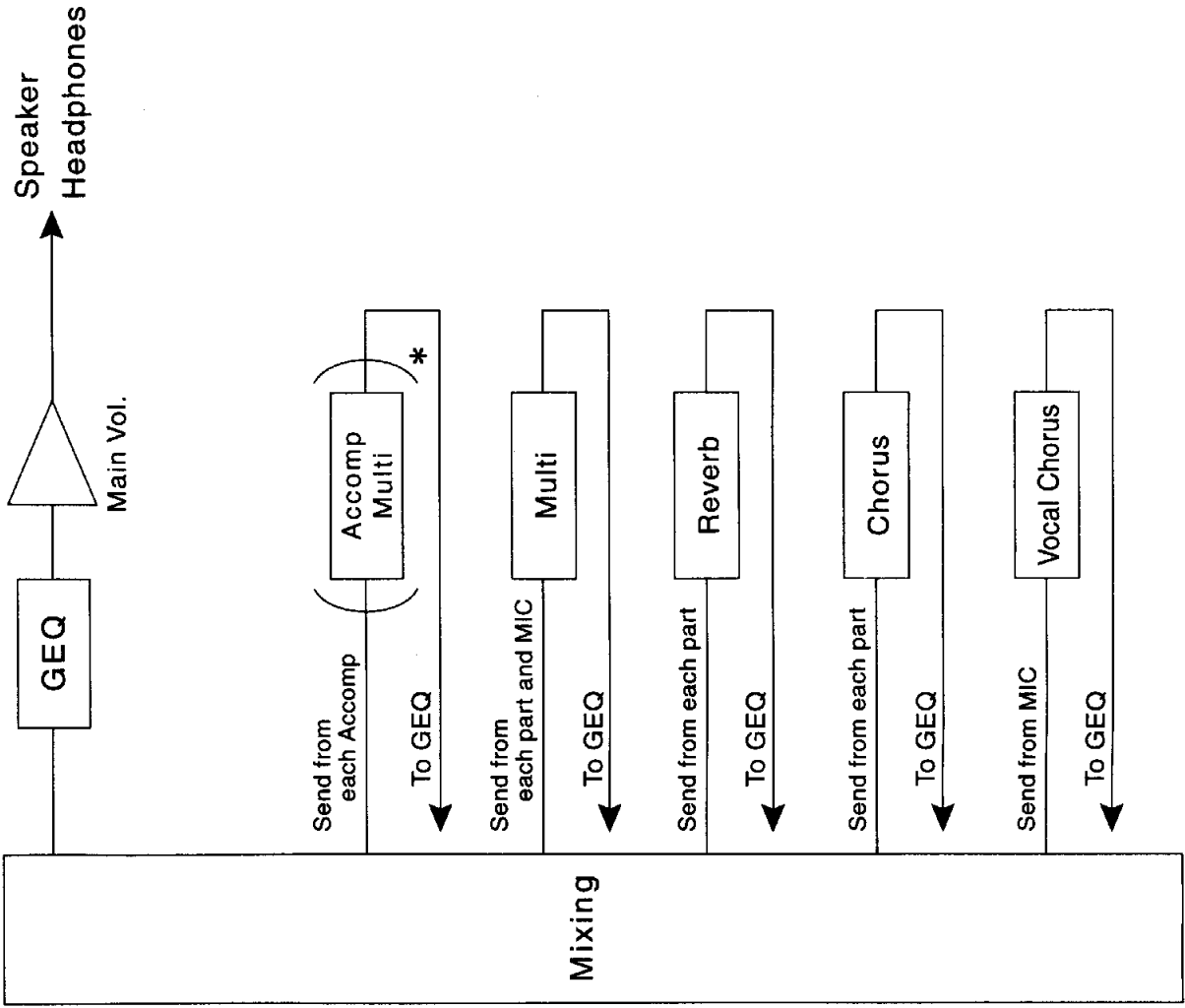
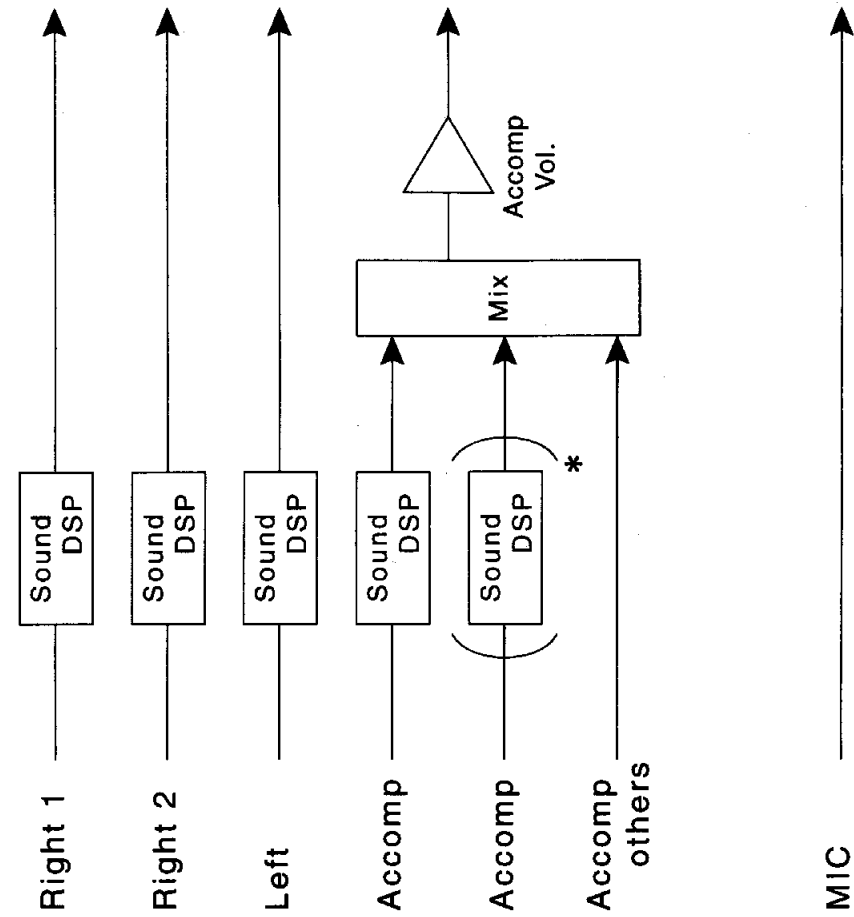
EFFECT

Category				Category				Category					
1st byte	2nd byte	Effect Name	Dynamic Control Parameter	1st byte	2nd byte	Effect Name	Dynamic Control Parameter	1st byte	2nd byte	Effect Name	Dynamic Control Parameter		
Mod. Celeste				Flanger				Phaser D/W					
1b	00	Mod. Cel.1	Slow LFO Speed	23	03	Deep4	LFO Speed	2a	00	Dry/Wet1	LFO Speed		
	01	Mod. Cel.2	Slow LFO Speed		04	Deep5	LFO Speed		01	Dry/Wet2	LFO Speed		
	02	Mod. Cel.3	Slow LFO Speed		05	Deep6	LFO Speed		02	Dry/Wet3	LFO Speed		
	03	Mod. Cel.4	Slow LFO Speed		06	Deep7	LFO Speed		03	Dry/Wet4	LFO Speed		
	04	Mod. Cel.5	Slow LFO Speed		20	Deep8	LFO Speed		04	Dry/Wet5	LFO Speed		
	05	Mod. Cel.6	Slow LFO Speed		21	Deep9	LFO Speed		05	Dry/Wet6	LFO Speed		
	06	Mod. Cel.7	Slow LFO Speed		22	Deep10	LFO Speed		06	Dry/Wet7	LFO Speed		
	07	Mod. Cel.8	Slow LFO Speed		23	Deep11	LFO Speed		20	Dry/Wet8	LFO Speed		
	20	Mod. Cel.9	Slow LFO Speed		24	Deep12	LFO Speed		21	Dry/Wet9	LFO Speed		
	21	Mod. Cel.10	Slow LFO Speed		25	Deep13	LFO Speed		22	Dry/Wet10	LFO Speed		
	22	Mod. Cel.11	Slow LFO Speed		08	Normal1	LFO Speed		23	Dry/Wet11	LFO Speed		
	23	Mod. Cel.12	Slow LFO Speed		09	Normal2	LFO Speed		24	Dry/Wet12	LFO Speed		
	24	Mod. Cel.13	Slow LFO Speed		0a	Normal3	LFO Speed		25	Dry/Wet13	LFO Speed		
Phaser				Flanger D/W				Parametric EQ					
20	00	Deep1	LFO Speed		0b	Normal4	LFO Speed	2b	00	Dry/Wet1	LFO Speed		
	01	Deep2	LFO Speed		0c	Normal5	LFO Speed		01	Dry/Wet2	LFO Speed		
	02	Deep3	LFO Speed		0d	Normal6	LFO Speed		02	Dry/Wet3	LFO Speed		
	03	Deep4	LFO Speed		0e	Normal7	LFO Speed		03	Dry/Wet4	LFO Speed		
	04	Deep5	LFO Speed		28	Normal8	LFO Speed		04	Dry/Wet5	LFO Speed		
	05	Deep6	LFO Speed		29	Normal9	LFO Speed		05	Dry/Wet6	LFO Speed		
	06	Deep7	LFO Speed		2a	Normal10	LFO Speed		06	Dry/Wet7	LFO Speed		
	20	Deep8	LFO Speed		2b	Normal11	LFO Speed		20	Dry/Wet8	LFO Speed		
	21	Deep9	LFO Speed		2c	Normal12	LFO Speed		21	Dry/Wet9	LFO Speed		
	22	Deep10	LFO Speed		2d	Normal13	LFO Speed		22	Dry/Wet10	LFO Speed		
	23	Deep11	LFO Speed		10	Shallow1	LFO Speed		23	Dry/Wet11	LFO Speed		
	24	Deep12	LFO Speed		11	Shallow2	LFO Speed		24	Dry/Wet12	LFO Speed		
	25	Deep13	LFO Speed		12	Shallow3	LFO Speed		25	Dry/Wet13	LFO Speed		
	08	Normal1	LFO Speed		13	Shallow4	LFO Speed		Parametric EQ				
	09	Normal2	LFO Speed		14	Shallow5	LFO Speed		30	00	Make Up		
	0a	Normal3	LFO Speed		15	Shallow6	LFO Speed			01	Middle Cut		
	0b	Normal4	LFO Speed		16	Shallow7	LFO Speed			02	Radio		
	0c	Normal5	LFO Speed		30	Shallow8	LFO Speed			03	Treble Boost		
	0d	Normal6	LFO Speed		31	Shallow9	LFO Speed			04	Treble Cut		
	0e	Normal7	LFO Speed		32	Shallow10	LFO Speed			05	No Hi Hat		
	28	Normal8	LFO Speed		33	Shallow11	LFO Speed			06	Bass Cut		
	29	Normal9	LFO Speed		34	Shallow12	LFO Speed			07	Too Bright		
	2a	Normal10	LFO Speed		35	Shallow13	LFO Speed		LFO Filter				
	2b	Normal11	LFO Speed		Tremolo				33	00	For 2Beat1		
	2c	Normal12	LFO Speed		25	00	Tremolo1	LFO Speed		01	For 2Beat2		
	2d	Normal13	LFO Speed			01	Tremolo2	LFO Speed		04	For 3Beat1		
	10	Shallow1	LFO Speed			02	Tremolo3	LFO Speed		05	For 3Beat2		
	11	Shallow2	LFO Speed			03	Tremolo4	LFO Speed		20	For 4Beat1		
	12	Shallow3	LFO Speed			04	Tremolo5	LFO Speed		21	For 4Beat2		
	13	Shallow4	LFO Speed			05	Tremolo6	LFO Speed	Enhancer				
	14	Shallow5	LFO Speed			06	Tremolo7	LFO Speed		35	20	Enhancer1	
	15	Shallow6	LFO Speed			07	Tremolo8	LFO Speed			21	Enhancer2	
	16	Shallow7	LFO Speed		Auto Pan					22	Enhancer3		
	30	Shallow8	LFO Speed		25	20	Auto Pan1	LFO Speed		23	Enhancer4		
	31	Shallow9	LFO Speed			21	Auto Pan2	LFO Speed		24	Enhancer5		
	32	Shallow10	LFO Speed			22	Auto Pan3	LFO Speed		25	Enhancer6		
	33	Shallow11	LFO Speed			23	Auto Pan4	LFO Speed	Exciter				
	34	Shallow12	LFO Speed			24	Auto Pan5	LFO Speed		37	00	Exciter1	
	35	Shallow13	LFO Speed			25	Auto Pan6	LFO Speed			01	Exciter2	
Rotary Speaker						26	Auto Pan7	LFO Speed			02	Exciter3	
22	00	Standard		Vibrato				Auto Wah					
	01	Single Rotor		27	00	Vibrato1	LFO Speed		38	20	Wah1		
	02	Distorted			01	Vibrato2	LFO Speed			21	Wah2		
	03	Bright Twin			02	Vibrato3	LFO Speed			22	Wah3		
	04	Normal Twin			03	Vibrato4	LFO Speed			23	Wah4		
	05	Mellow Twin			04	Vibrato5	LFO Speed			24	Wah5		
	06	Brilliant Twin			05	Vibrato6	LFO Speed		Pedal Wah				
Rock Rotary						06	Vibrato7	LFO Speed		38	25	Wah1	Pedal
22	20	Standard				07	Vibrato8	LFO Speed			26	Wah2	Pedal
	21	Single Rotor		Ring Modulator							27	Wah3	Pedal
	22	Distorted		29	00	Ring Mod.1	LFO Speed	LFO Wah					
	23	Bright Twin			01	Ring Mod.2	LFO Speed		39	00	For 2Beat1		
	24	Mellow Twin			02	Ring Mod.3	LFO Speed			01	For 2Beat2		
	25	Brilliant Twin			03	Ring Mod.4	LFO Speed			04	For 3Beat1		
Flanger						Mixup					05	For 3Beat2	
23	00	Deep1	LFO Speed	29	20	Mixup1	Slow LFO Speed			20	For 4Beat1		
	01	Deep2	LFO Speed		21	Mixup2	Slow LFO Speed			21	For 4Beat2		
	02	Deep3	LFO Speed		22	Mixup3	Slow LFO Speed		Phaser D/W				
					23	Mixup4	Slow LFO Speed		Parametric EQ				

EFFECT

Category				Category				Category			
1st byte	2nd byte	Effect Name	Dynamic Control Parameter	1st byte	2nd byte	Effect Name	Dynamic Control Parameter	1st byte	2nd byte	Effect Name	Dynamic Control Parameter
Reverse Wah				Dual Delay				Phaser D/W Cross Delay			
3a	00	Wah1		49	02	Deep19			2c	Normal13	
	01	Wah2			03	Deep20			2d	Normal14	
	02	Wah3		48	08	Normal1			2e	Normal15	
	03	Wah4			09	Normal2			2f	Normal16	
	04	Wah5			0a	Normal3			4d	08	Normal17
	05	Wah6			0b	Normal4			09	Normal18	
	06	Wah7			0c	Normal5			0a	Normal19	
	07	Wah8			0d	Normal6			0b	Normal20	
Distortion					0e	Normal7			4c	10	Shallow1
40	00	Normal			0f	Normal8			11	Shallow2	
	01	Mild			28	Normal9			12	Shallow3	
	02	Hard			29	Normal10			13	Shallow4	
	03	Bright			2a	Normal11			14	Shallow5	
	04	Fat			2b	Normal12			15	Shallow6	
	05	Hard Compress			2c	Normal13			16	Shallow7	
Overdrive					2d	Normal14			17	Shallow8	
40	20	Normal			2e	Normal15			30	Shallow9	
	21	Mild		49	2f	Normal16			31	Shallow10	
	22	Hard			08	Normal17			32	Shallow11	
	23	Bright			09	Normal18			33	Shallow12	
	24	Fat			0a	Normal19			34	Shallow13	
	25	Hard Compress			0b	Normal20			35	Shallow14	
Fuzz					48	10	Shallow1		4d	36	Shallow15
41	00	Normal			11	Shallow2			37	Shallow16	
	01	Hard Compress			12	Shallow3			4d	10	Shallow17
Distortion Amp					13	Shallow4			11	Shallow18	
41	20	Loud1			14	Shallow5			12	Shallow19	
	21	Loud2			15	Shallow6			13	Shallow20	
	22	Loud3			16	Shallow7			Multi Tap Delay		
	23	Loud4			17	Shallow8			51	00	Multi1
	28	Normal1			30	Shallow9				01	Multi2
	29	Normal2			31	Shallow10				02	Multi3
	2a	Normal3			32	Shallow11				03	Multi4
	2b	Normal4			33	Shallow12				04	Multi5
	30	Soft1			34	Shallow13				05	Multi6
	31	Soft2			35	Shallow14				06	Multi7
	32	Soft3			36	Shallow15				07	Multi8
	33	Soft4		49	37	Shallow16			Delay Complex		
Limiter					49	10	Shallow17		52	00	Delay+Chorus
44	00	Limiter1			11	Shallow18			20	Delay+Flanger	
	01	Limiter2			12	Shallow19			53	00	Delay+Vibrato
	02	Limiter3			13	Shallow20			20	Delay+Phaser	
	03	Limiter4		Cross Delay				54	00	Autowah+Delay	
Compressor				4c	00	Deep1			55	00	Comp+Dst+Delay
45	00	Comp.1			01	Deep2			20	Comp+Ovd+Delay	
	01	Comp.2			02	Deep3			Vocal Effect		
	02	Comp.3			03	Deep4			5a	00	Vocal Harmony
	03	Comp.4			04	Deep5			04	Vocal Changer1	
Slow Attacker					05	Deep6			05	Vocal Changer2	
46	00	Slow Attacker1			06	Deep7			21	Brass Simulator1	
	01	Slow Attacker2			07	Deep8			22	Brass Simulator2	
	02	Slow Attacker3			20	Deep9			23	Brass Simulator3	
	03	Slow Attacker4			21	Deep10			Vocal Reverb		
Dual Delay					22	Deep11			5b	00	Room
48	00	Deep1			23	Deep12			01	karaoke	
	01	Deep2			24	Deep13			02	Stage	
	02	Deep3			25	Deep14			03	Cave	
	03	Deep4		4d	26	Deep15			Space		
	04	Deep5			27	Deep16			64	04	Spreader
	05	Deep6			4d	00	Deep17		User		
	06	Deep7			01	Deep18			70	00-3f	
	07	Deep8			02	Deep19			Custom		
	20	Deep9			03	Deep20			78	00-3f	
	21	Deep10			4c	08	Normal1				
	22	Deep11			09	Normal2					
	23	Deep12			0a	Normal3					
	24	Deep13			0b	Normal4					
	25	Deep14			0c	Normal5					
	26	Deep15			4c	0d	Normal6				
	27	Deep16			0e	Normal7					
49	00	Deep17			0f	Normal8					
	01	Deep18			28	Normal9					
					29	Normal10					
					4c	2a	Normal11				
					2b	Normal12					

EFFECT FLOW CHART



- Each part has its own REVERB SEND, CHORUS SEND and MULTI EFFECT SEND.
- * Select either Accomp SOUND DSP or Accomp MULTI.
- Jede Klanggruppe besitzt jeweils ihre eigene REVERB SEND, CHORUS SEND und MULTI EFFECT SEND.
- * Wählen Sie entweder Accomp SOUND DSP oder Accomp MULTI.

STONE

A Piano & Harpsi 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 Harpsichord L Harpsichord R Spinnet Hps.L Spinnet Hps.R Clavi Synth Clavi	Jazz Ac.Gtr PickedNylnGtr Mellow Ac.Gtr Bossa Guitar Ac.Gtr.Harm. Folk Guitar BrightFolkGtr 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	Cello Vib.Cello Contrabass Pizzicato Str ClassicalStr1 ClassicalStr2 Concert Str.1 Concert Str.2 Violin Ens. Viola Ens. Marcato Str.1 Marcato Str.2 Cello Ens. Bass Ensemble Mellow Ens. Fat Synth	Analog Brass Saw Brass 1 Saw Brass 2 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 Breathly Tenor Vib.Tenor Sax Funk TenorSax GrowlTenorSax Baritone Sax Vib.Bari.Sax JazzClarinet1 Vib.Clarinet1 Mel.Clarinet JazzClarinet2 Vib.Clarinet2 JazzClarinetv Clas.Clarinet Bass Clarinet Oboe Vib.Oboe English Horn Vib.Eng.Horn Bassoon Vib.Bassoon Harmonica Vib.Harmonica Blues Harm.	FolkAccordion Folk Acd Bass Perc Organ Full Drawbars Jazz Drawbars Fast Rotor 1 Fast Rotor 2 Fast Rotor 3 Slow Rotor 1 16' + 1' 16'+8' 16' EuroTab 16' EuroTab 16+8 EuroTab Clari EuroTab Kinur EuroTab Trb16 EuroTab Violn USA Tab 16' USA Tab 16+8 USA Tab Clari USA Tab Kinur USA Tab Trb16 USA Tab Violn Rock Organ Pipe 16'+8' L Pipe 16'+8' R Theatre 16' Theatre Trp TheatreEngHrn Theatre Vox TheatreStrngs Full Organ CathedralOrgL CathedralOrgR
B Mallet Celesta Vibraphone Bright Vibes Glockenspiel Marimba BottleMarimba Synth Mallet Xylophone Tubular Bell Carillon Church Bell Steel Drum Bonang Kenong Slentem Sarrons	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 Boys Doo Boys Doo/Waa Boys Ooh BoysFalsetOoh Boys Waa Boys Bap Boys Laa 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	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 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
C Guitar Classical Gtr Spanish Gtr	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 Cornet 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	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 French Acd 1 French Acd 2 French Acd 3 Musette	
F Strings Violin Jazz Violin Vib.Violin Viola				

STONE

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

N Bass Drum & Timpani

Standard BD 1
Standard BD 2
LightRock BD
LiveStd BD Lp
LiveStd BD Rp
LiveStd BD Lf
LiveStd BD Rf
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
LiveFunkBD Rp
LiveFunkBD Lf
LiveFunkBD Rf
Electric BD
Soul B.Drum
Analog B.Drum
House B.Drum
Dance B.Drum1
Dance B.Drum2
Techno B.Drum
Hip B.Drum
Special BD 1
Special BD 2
Jazz B.Drum
LiveJz2 BD Lp
LiveJz2 BD Rp

LiveJz2 BD Lf
LiveJz2 BD Rf
LiveJz BD1L p
LiveJz BD1R p
LiveJz BD1L f
LiveJz BD1R f
LiveJz BD2L p
LiveJz BD2R p
LiveJz BD2L f
LiveJz BD2R f
Orch B.Drum
Timpani

O Snare Drum

Standard SD 1
Open Snare 1
LiveStdSD1 Lp
LiveStdSD1 Rp
LiveStdSD1 Lf
LiveStdSD1 Rf
LiveStdSD2 Lp
LiveStdSD2 Rp
LiveStdSD2 Lf
LiveStdSD2 Rf
OpenJazzSD Lp
OpenJazzSD Rp
OpenJazzSD Lf
OpenJazzSD Rf
Standard SD 2
LiveRoomSD Lp
LiveRoomSD Rp
Open Snare 2
LiveRoomSD Lf
LiveRoomSD Rf
Live Snare L
Live Snare R
Open Live SDL
Open Live SDR
LiveJz2SD1 Lp
LiveJz2SD1 Rp
LiveJz2SD1 Lf
LiveJz2SD1 Rf
Room Snare
OpenRoomSD Lp
OpenRoomSD Rp
OpenRoomSD Lf
OpenRoomSD Rf
LightRock SD
Power Snare
LiveBrshSD Lp
LiveBrshSD Lm
LiveBrshSD Lf
LiveBrshSD Rp
LiveBrshSD Rm
LiveBrshSD Rf
Funk Snare
LiveFunkSD Lp
LiveFunkSD Rp
High Snare
LiveFunkSD Lf
LiveFunkSD Rf
OpenFunkSD Lp
OpenFunkSD Rp
OpenFunkSD Lf
OpenFunkSD Rf
Piccolo Snare
Jazz Snare mp
LiveJazzSD Lp
LiveJazzSD Rp
Jazz Snare f
Jazz Snare v
LiveJz2SD2 Lp
LiveJz2SD2 Lf
LiveJz2SD2 Rf

Trad Snare
LiveJazzSD Lf
LiveJazzSD Rf
Orch Snare
LiveJz SD Lff
LiveJz SD Rff
Electric SD 1
Electric SD 2
Special Snare
Analog SD 1a
Analog SD 1b
Soul Snare 1
Soul Snare 2
Hot Snare
Analog SD 2a
Analog SD 2b
House Snare
Dance Snare 1
Dance Snare 2
Dance HiSnare
Standard Rim1
LiveStd Rim L
LiveStd Rim R
LiveJz2 Rim L
LiveJz2 Rim R
Standard Rim2
Live Rim L
Live Rim R
Live Jz Rim L
Live Jz Rim R
LiveFunkRim L
LiveFunkRim R
Room Rim L
Room Rim R
Rock Rim
House Rim
Analog Rim
Dance Rim
Brush Swirl
LiveBrshSwirl
LiveBrshSwirlR
Brush Slap
LiveBrshPtn1L
LiveBrshPtn1R
LiveBrshPtn2L
LiveBrshPtn2R
LiveBrshPtn3L
LiveBrshPtn3R
Snare Roll
Reverse Snare

P Tom

Standard BTom
Standard Tom
Live B.Tom L
Live B.Tom R
Room B.Tom L
Room B.Tom R
Live Tom1 L
Live Tom1 R
Room Tom1 L
Room Tom1 R
LiveFunkTom1L
LiveFunkTom1R
Live Tom2 L
Live Tom2 R
Room Tom2 L
Room Tom2 R
LiveFunkTom2L
LiveFunkTom2R
Live Tom3 L
Live Tom3 R
Room Tom3 L
Room Tom3 R
LiveFunkTom3L

LiveFunkTom3R
Jazz B.Tom
Jazz Tom
Live Jz Tom1L
Live Jz Tom1R
LiveJz2 Tom1L
LiveJz2 Tom1R
LiveBrshTom1L
LiveBrshTom1R
Live Jz Tom2L
Live Jz Tom2R
LiveJz2 Tom2L
LiveJz2 Tom2R
LiveBrshTom2L
LiveBrshTom2R
Power B.Tom
Power Tom
Electric BTom
Electric Tom
Analog Tom 1
Analog Tom 2
Dance Tom

Q Cymbal

H.H.Closed 1L
H.H.Closed 1R
H.H.Accent L
H.H.Accent R
H.H.Closed 2
H.H.Closed 3L
H.H.Closed 3R
H.H.Closed 4L
H.H.Closed 4R
H.H.Open 1 L
H.H.Open 1 R
H.H.Open 2
H.H.Open 3 L
H.H.Open 3 R
H.H.Pedal L
H.H.Pedal R
H.H.Pedal 2L
H.H.Pedal 2R
Analog HH.Opn
Analog HH.Cls
Analog HH.Pdl
Ride Cymbal 1
Ride Cymbal 2
Ride Cymbal3L
Ride Cymbal3R
Ride Cymbal 4
Ride Cymbal 5
BrshRideCym L
BrshRideCym R
JzRideCymbalL
JzRideCymbalR
JzRideCymCupL
JzRideCymCupR
Ride Cymbal6L
Ride Cymbal6R
Ride Cymbal7L
Ride Cymbal7R
Ride Cymbal8L
Ride Cymbal8R
Ride Bell 1
Ride Bell 2
Ride Bell 3 L
Ride Bell 3 R
Analog Ride
ReverseCymbal
Crash Cymbal1
Crash Cymbal2
CrashCymbal3L
CrashCymbal3R
CrashCymbal4L
CrashCymbal4R

China CymbalL
China CymbalR
SplashCymbalL
SplashCymbalR
Orch.Cymbal
Analog Crash

R Percussions 1

Conga1 Open
Conga1 Mute
Conga1 OpnSlp
Conga1 MutSlp
Conga1 Slide
Conga2 Open
Conga2 Mute
Conga2 OpnSlp
Conga2 MutSlp
Conga2 Slide
Conga3 Open
Conga3 Mute
Conga3 OpnSlp
Conga3 MutSlp
Conga3 Slide
Conga4 Open
Conga4 Mute
Conga4 OpnSlp
Conga4 MutSlp
Conga1 ptn-b1
Conga1 ptn-b2
Conga1 ptn-b3
Conga1 ptn-b4
Conga1 ptn-b5
Conga1 ptn-b6
Conga1 ptn-b7
Conga1 ptn-b8
Conga2 ptn-b1
Conga2 ptn-b2
Conga2 ptn-b3
Conga2 ptn-b4
Conga2 ptn-b5
Conga2 ptn-b6
Conga2 ptn-b7
Conga2 ptn-b8
Conga3 ptn-b1
Conga3 ptn-b2
Conga3 ptn-b3
Conga3 ptn-b4
Conga3 ptn-b5
Conga3 ptn-b6
Conga3 ptn-b7
Conga3 ptn-b8
Conga4 ptn-b1
Conga4 ptn-b2
Conga4 ptn-b3
Conga4 ptn-b4
Conga4 ptn-b5
Conga4 ptn-b6
Conga4 ptn-b7
Conga4 ptn-b8
Bongo Hi.Open
Bongo Lo.Open
Bongo Hi.Mute
Bongo Lo.Mute
Bongo Ptn1-b1
Bongo Ptn1-b2
Bongo Ptn1-b3
Bongo Ptn1-b4
Bongo Ptn1-b5
Bongo Ptn1-b6
Bongo Ptn1-b7
Bongo Ptn1-b8
Bongo Ptn2-b1
Bongo Ptn2-b2
Bongo Ptn2-b3
Bongo Ptn2-b4

STONE

Bongo Ptn2-b5 Bongo Ptn2-b6 Bongo Ptn2-b7 Bongo Ptn2-b8 Bongo Ptn3-b1 Bongo Ptn3-b2 Bongo Ptn3-b3 Bongo Ptn3-b4 Analog Conga Timbales Low Timbales High TimbalesPaila Cuica H Cuica L	Voice Uhs GirlVoice Ah GirlVoice Yeh Count 1 Count 2 Count 3 Count 4 Pick Up Count Shout One Shout Two Shout Three Shout Four Chest Hit 1 Chest Hit 2 Chest Hit 3 Chest Hit 4 Chest Hit 5 Chest Hit 6 Chest Hit 7 Chest Hit 8 Breath In Scream Laughing Welcome
S Percussions 2	
Tambourine Tambourine bt OrchTambourin Samba Drum Samba Drum Mt Shaker Cabasa Maracas AnalogMaracas Wood Block Claves Analog Claves Castanets Slap Hand Claps ElectricClaps Analog Claps Finger Snap Stick Count Vibraslap Guiro Long Guiro Short Cricket Agogo Cowbell 1 Cowbell 2 AnalogCowbell Triangle Open Triangle Mute Gong Windchime 1 Windchime 2 Windchime 3 Bell Tree Sleigh Bell Samba Whistle MetronomeBell Metronome Tap	U Sound Effect Wave 1 Wave 2 Wave 3 Wave 4 Wave 5 Rain Thunder Stream Bird Tweet 1 Bird Tweet 2 Bird 1 Bird 2 Bird 3 Bird 4 Bird 5 Dog Applause Telephone 1 Telephone 2 Door Creaking Door Helicopter Car Engine Car Stop Car Pass Car Crash Punch Footsteps Gun Shot Silent
T Voice	
Voice BD Voice Snare 1 Voice Snare 2 Voice Snare 3 Voice Tom Voice Rim Voice HH.Cls1 Voice HH.Cls2 Voice HH.Open Voice Cuica H Voice Cuica L Voice Brrr Voice Kah Voice Ha Voice Hi Voice Uh Voice Un Voice Ah Voice Aao	

MIDI Implementation Chart

Keyboard [SX-KN7000]

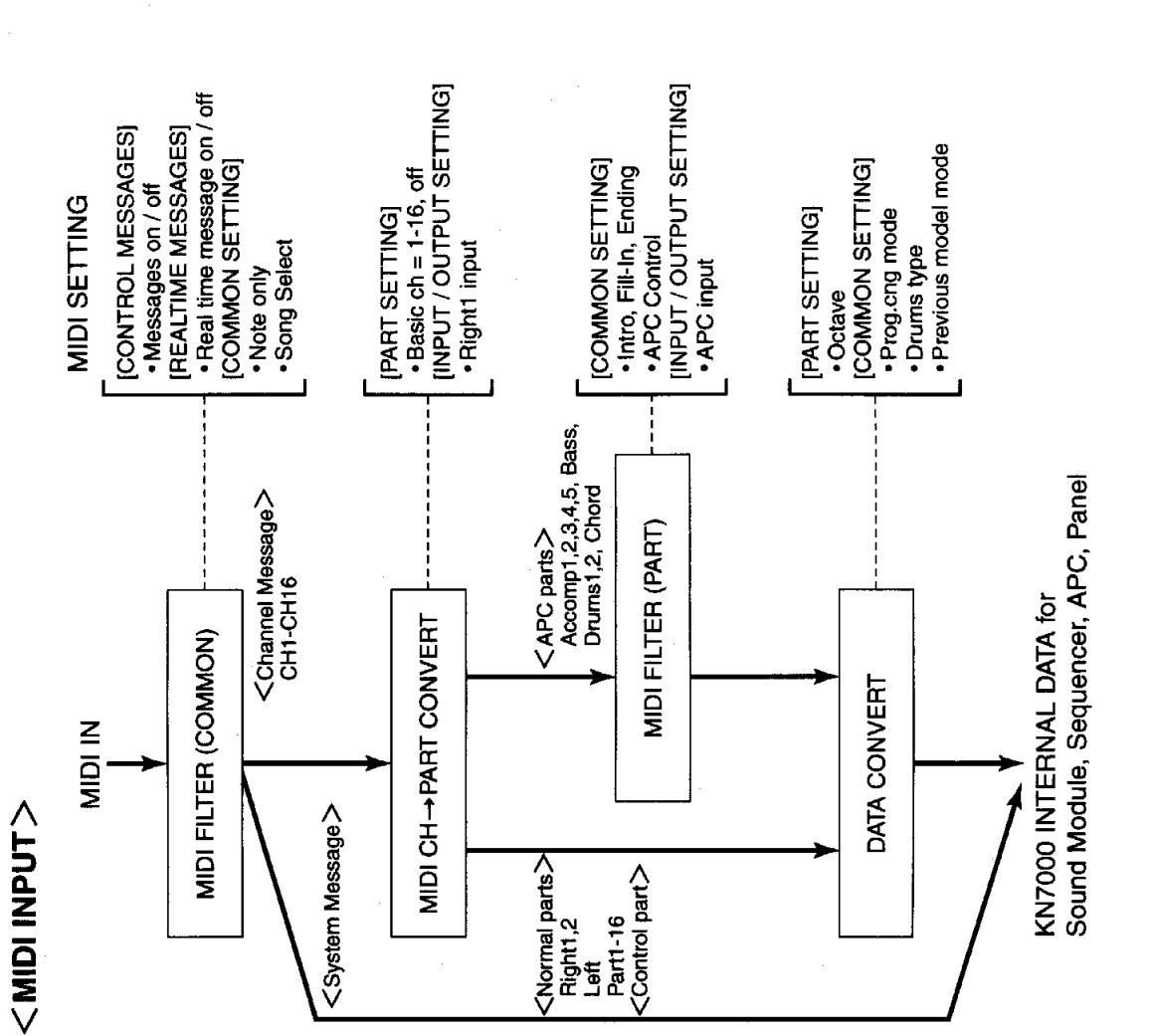
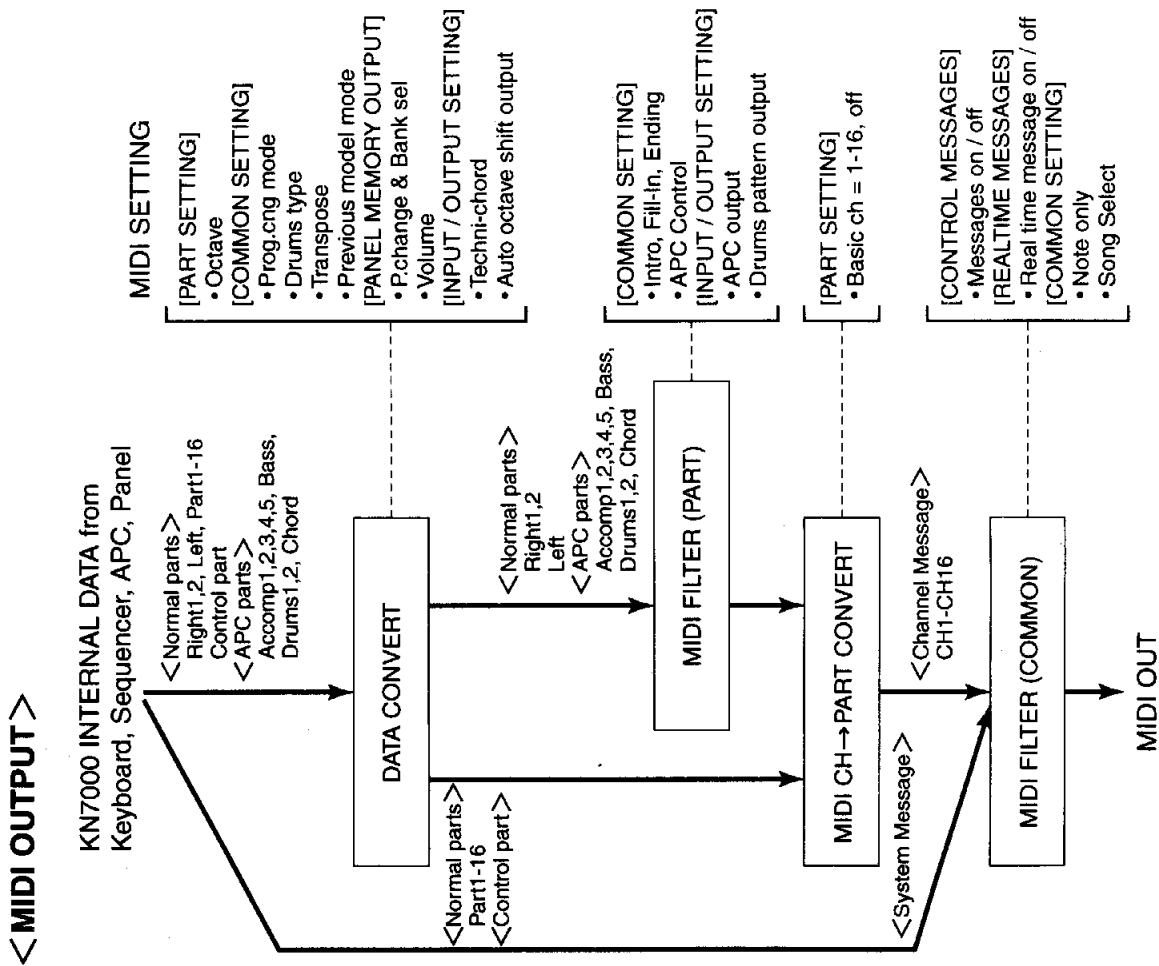
Function		Transmitted	Recognized	Remarks
Basic Channel	Default	1-16	1-16	Assigned to the part.
	Changed	1-16	1-16	
Mode	Default	3	Mode 3	OMNI OFF, POLY MODE *M=1 only
	Messages	Mode 3, 4 (M=1)	Mode 3, 4 (M=1)	
	Altered	-	-	
Note Number		0-127	0-127	
	True voice	-	-	
Velocity	Note ON	○	○	
	Note OFF	×	×	
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	○×*	○×*	
	Commands	○×*	○×*	Start / Stop, continue
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. Ob die Daten übertragen / empfangen werden, kann eingestellt werden.		

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



KN7000 INTERNAL DATA for
Sound Module, Sequencer, APC, Panel

MIDI Implementation

KN7000 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

Die MIDI-Spezifikationen des KN7000 entsprechen dem neuen Technics NX SOUND-Klangformat.

NX SOUND ist das Original-Tongeneratorformat von Technics, das Echtzeit-Darbietungsqualität und Ausdruckskraft liefert und die Anzahl der erzeugten Klänge und Effekte beträchtlich erweitert. Dieses Format schließt GM2 (General MIDI Level 2) ein und ermöglicht verschiedene Beeinflussungen, wenn Daten von einem Computer erzeugt und reproduziert werden.

*HINWEIS 1: Default Part-Einstellung für jeden MIDI-Kanal.
<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

*HINWEIS 2:

- / ■ : NX SOUND und GM2 gemeinsame Nachricht.
- / □ : NX SOUND exklusive Nachricht.

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	

* Nur 9n, kk und 00 werden übertragen.

● 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

Vorgabewert :

	<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

- Die Bänke zutreffender Kanäle einstellen.
Bank Select LSB kennzeichnet den Klangerweiterungsteil. Bank Select MSB repräsentiert die Umschaltung des Klangsatzes. * Siehe NX SOUND-Klangplan.
- In Verbindung mit der Programmänderung zwischen Melodiekanal und Rhythmuskanal umschalten. Wenn die Programmänderungsdaten nach Angabe der Bank für die Rhythmusklänge empfangen werden, wird der Kanal zum Rhythmuskanal. Wenn dagegen die Programmänderungsdaten nach Angabe der Bank für die Melodiekänge empfangen werden, wird der Kanal zum Melodiekanal.
- Unter den GM2 Grundspezifikationen können die beiden Kanäle CH10 und CH11 zu Rhythmuskanälen werden; aber im NX SOUND-Modus können gemäß den empfohlenen GM2 Erweiterungsspezifikationen alle Kanäle als Rhythmuskanäle verwendet werden. Wenn andere Kanäle als CH10 und CH11 Rhythmusklänge verwenden, kann die Wiedergabe-kompatibilität auf anderen GM2 Tongeneratoren nicht gewährleistet werden.
- Wird Program Change Mode in den MIDI-Einstellungen dieses Instruments auf einen anderen Parameter als NX SOUND eingestellt, erfolgen Übertragung und Empfang von Daten nach einem anderen Plan als dem NX SOUND-Klangplan.

■ Modulation (CC# 1)

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

Vorgabewert : 0

■ Portamento time (CC# 5)

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

Vorgabewert: 0

- Damit wird die Tonhöhenzunahmegeschwindigkeit für den angegebenen Kanal eingestellt, wenn Portamento (cc#65) eingeschaltet ist.
- Monophone Kanäle (MODE 4) unterstützen 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

Vorgabewert: NULL

■ Channel Volume (CC# 7)

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

Vorgabewert: 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.

■ Panpot (CC# 10)

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

Vorgabewert: 64

■ Expression (CC# 11)

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

Vorgabewert: 127

Sound DSP Number & Variation (CC# 12)

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

Vorgabewert: Kennnummer für gewählten Klang.

Sound DSP Dynamic Control (CC# 13)

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

Vorgabewert: 64

■ Sustain (CC# 64)

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

Vorgabewert: 0

- Piano und zugehörige Klangfarben sprechen auf "Half damper" und "re-damper" an.

■ 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

Vorgabewert: 0

- Monophone Kanäle (MODE 4) unterstützen 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

Vorgabewert: 0

- Piano und zugehörige Klangfarben sprechen auf diese Nachricht an.

■ 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

Vorgabewert: 0

- Piano und zugehörige Klangfarben sprechen auf diese Nachricht an.

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

Filter Resonance (CC# 71)

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

Vorgabewert: 64

Release Time (CC# 72)

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

Vorgabewert: 64

Attack Time (CC# 73)

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

Vorgabewert: 64

Brightness (CC# 74)

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

Vorgabewert: 64

Decay Time (CC# 75)

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

Vorgabewert: 64

Vibrato Rate (CC# 76)

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

Vorgabewert: 64

Vibrato Depth (CC# 77)

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

Vorgabewert: 64

Vibrato Delay (CC# 78)

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

Vorgabewert: 64

 Equalizer High Fc (CC# 80)

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

Vorgabewert: 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

Equalizer High Gain (CC# 81)

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

Vorgabewert: 64

Equalizer Low Fc (CC# 82)

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

Vorgabewert: 28

Equalizer Low Gain (CC# 83)

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

Vorgabewert: 64

Reverb send level (CC# 91)

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

Vorgabewert: 40

Multi Effect send level (CC# 92)

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

Vorgabewert: 0

Chorus send level (CC# 93)

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

Vorgabewert: 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
Vorgabewert: 0

Sound DSP send level (CC# 95)

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

Vorgabewert: 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		
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)
IIH	Value (LSB)	II: 00H - 7FH

Default Value: RPN Reset

RPN#	Data	Function / Range
MSB	LSB	
00H 00H	mmH --H	Pitch Bend Sensitivity mm: 00H - 18H (0 - 24 semitone)
00H 01H	mmH IIH	Fine Tuning mmII: 0000H - 4000H - 7F7FH (-128*100/128 ~ 127*100/128) II: lower 6 bits ignored
00H 02H	mmH --H	Coarse Tuning mm: 28H- 40H- 58H (-24 - 0 - +24 semitone)
00H 05H	mmH IIH	Modulation Sensitivity mmII: 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
IIH	Value (LSB)	II: 00H - 7FH
mmH	Value (MSB)	mm: 00H - 7FH

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

NRPN# Data		Function	Range(mm)
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)
IIH	Value (LSB)	II: 00H - 7FH

Vorgabewert: RPN Reset

RPN#	Data	Function / Range
MSB	LSB	
00H 00H	mmH --H	Pitch Bend Sensitivity mm: 00H - 18H (0 - 24 semitone)
00H 01H	mmH IIH	Fine Tuning mmII: 0000H - 4000H - 7F7FH (-128*100/128 ~ 127*100/128) II: lower 6 bits ignored
00H 02H	mmH --H	Coarse Tuning mm: 28H- 40H- 58H (-24 - 0 - +24 semitone)
00H 05H	mmH IIH	Modulation Sensitivity mmII: 0000H - 0040H - 7F7FH
7FH 7FH	--H --H	RPN Reset * Data Entry ist ungültig, bis RPN zurückgestellt wird.

● Program Change

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

Vorgabewert: F00H

● Channel pressure (After Touch)

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

● Pitch bend change

EnH	Status	n: Basic channel
IIH	Value (LSB)	II: 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	

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	

Die folgenden Controller-Zustände werden zurückgestellt.

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	

- Die Verarbeitung erfolgt auf die gleiche Weise wie bei Empfang von CC#123 (Alle Noten aus).

● OMNI on (CC# 125)

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

- Die Verarbeitung erfolgt auf die gleiche Weise wie bei Empfang von CC#123 (Alle Noten aus).

● 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

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

● **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

* Dies ist von der Hauptlautstärke des Instruments, die mit dem Schieberegler reguliert wird, getrennt.

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)

* Der gesamte Coarse Tuning Differentialwert ist die Summe aus diesem Wert und 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
 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

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
 B
 :
 F7 EOX

• ss
 00H means -64 cents
 40H means 0 cents (equal temperament)
 7FH means +63 cents
 * Beachten Sie, daß [ss] 12 Bytes ist.

● 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 = Vorgabewert: 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 = Vorgabewert: 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	40 - 88	-24 -+24 semitones
01	0 - 127	-9600 - +9450 cents
02	0 - 127	0 - (127/64)*100 percent
03	0 - 127	0 - 600 cents
04	0 - 127	0 - 2400 cents
05	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	40 - 88	-24 -+24 semitones
01	0 - 127	-9600 - +9450 cents
02	0 - 127	0 - (127/64)*100 percent
03	0 - 127	0 - 600 cents
04	0 - 127	0 - 2400 cents
05	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

■ 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	40 - 88	-24 -+24 semitones
01	0 - 127	-9600 - +9450 cents
02	0 - 127	0 - (127/64)*100 percent
03	0 - 127	0 - 600 cents
04	0 - 127	0 - 2400 cents
05	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	40 - 88	-24 -+24 semitones
01	0 - 127	-9600 - +9450 cents
02	0 - 127	0 - (127/64)*100 percent
03	0 - 127	0 - 600 cents
04	0 - 127	0 - 2400 cents
05	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 (KN7000)	
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)	
31H	Model ID (KN7000)	
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	

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)	
31H	Model ID (KN7000)	
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 (KN7000)	
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
KN7000 Model ID : KN7000 = 30h

Reception: Product ID = 20H (NX SOUND)
Model ID = Don't care.
Transmission: Product ID = 20H (NX SOUND)
Model ID = 31H (KN7000)

Version & Device ID

KN7000 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.

○ 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
KN7000 Model ID : KN7000 = 30h

Reception: Product ID = 20H (NX SOUND)
Model ID = Don't care.
Transmission: Product ID = 20H (NX SOUND)
Model ID = 30H (KN7000)

Version & Device ID

KN7000 Version & Device ID = 1FH
Upper 3 bits: Version Number
Lower 4 bits: Device ID
(0-14: Device Number, 15:Broad cast)

* Modelle, die keine Bypass-IDs lesen, empfangen alle GeräteKennungsdaten.

Address (ADR)

Gibt Adressenlänge der Anfangsdaten an. Der Datentyp wird durch diesen Wert erkannt. Die 21-Bit-Adresse ist in 3 Bytes zu je 7 Bits unterteilt und wird mit dem oberen Ende zuerst gesendet. (Siehe Adressenplan.)

Size (SIZ)

Gibt Adressenlänge von "ADR" an. (Siehe Adressenplan.) Die 21-Bit-Adressenlänge ist in 3 Bytes zu je 7 Bits unterteilt und wird mit dem oberen Ende zuerst gesendet. (Siehe Adressenplan.)

Wird eine Größe angegeben, die nicht im Einklang mit den Daten steht, ist die Datenanforderung unwirksam.

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.
Die unteren 4 Bits werden als ddH, und die restlichen oberen 5 Bits als eeH ausgedrückt. ddH wird zuerst gesendet und von eeH gefolgt.

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 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
00 pp 20	00 00 01	Organ Flute 16'	0 / 1 :	(Off / On)	QR
00 pp 21	00 00 01	Organ Flute 8'	0 / 1 :	(Off / On)	QR
00 pp 22	00 00 01	Organ Flute 4'	0 / 1 :	(Off / On)	QR
00 pp 23	00 00 01	Organ Flute 2 2/3'	0 / 1 :	(Off / On)	QR
00 pp 24	00 00 01	Organ Flute 2'	0 / 1 :	(Off / On)	QR
00 pp 25	00 00 01	Organ Flute 1 3/5'	0 / 1 :	(Off / On)	QR
00 pp 26	00 00 01	Organ Flute 1'	0 / 1 :	(Off / On)	QR
00 pp 27	00 00 01	Organ Trombone 16'	0 / 1 :	(Off / On)	QR

00 pp 28	00 00 01	Organ Trumpet 8'	0 / 1 : (Off / On)	QR
00 pp 29	00 00 01	Organ Kinura 8'	0 / 1 : (Off / On)	QR
00 pp 2a	00 00 01	Organ Clarinet 8'	0 / 1 : (Off / On)	QR
00 pp 2b	00 00 01	Organ Voxhumana 8'	0 / 1 : (Off / On)	QR
00 pp 2c	00 00 01	Organ Violin 8'	0 / 1 : (Off / On)	QR
00 pp 2d	00 00 01	Organ Percussive Tone 4'	0 / 1 : (Off / On)	QR
00 pp 2e	00 00 01	Organ Percussive Tone 2 2/3'	0 / 1 : (Off / On)	QR
00 pp 2f	00 00 01	Organ Vibrato	0 / 1 : (Off / On)	QR
00 pp 30	00 00 01	Organ Tremulant	0 - 7	QR

NX EXTENSION AREA

PERFORMANCE EXTENSION

<ADR>	<SIZ>	<Parameter>	<Data>	<Description>	<QRT> *1
01 00 00	00 00 01	Model ID	49	KN7000	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	QRT
* Program # is the trigger to change.					
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 / Basic / 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/ Intro 1/ 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	RT
* pad # is the trigger to change.					
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)	RT
* Panel Memory # is the trigger to change.					
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>	<SIZ>	<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)	R
01 02 n3	00 00 01	APC SoundDSP1,2 Dynamic Control	0 - 127	0 - 127	R

HOW TO USE MIDI PRESETS

[WITH APC]

Master ↓ Slave	KN				type1	Organ type2	type1 fixed touch	PX Piano	type1	Accordion type2	type3	Bass Pedals	Ext SEQ	
	Sound Module	Vocalist CH 1	CH 5	Ext SEQ	KN									
Basic channel	Right 1	1	off	1	1	1	1	1	1	1	1	off	1	
	Right 2	2	2	2	2	4	4	4	2	off	4	4	2	
	Left	3	3	3	3	2	off	off	3	3	2	off	3	
	Part 1	off	off	off	off	off	off	off	off	off	off	off	off	
	Part 2	off	off	off	off	off	off	off	off	off	off	off	off	
	Part 3	off	off	off	off	off	off	off	off	off	off	off	off	
	Part 4	4	4	4	4	3	3	3	4	4	3	3	4	
	Part 5	5	5	off	5	5	5	5	5	5	5	5	5	5
	Part 6	6	6	6	6	6	6	6	6	6	6	6	6	6
	Part 7	7	7	7	7	7	7	7	7	7	7	7	7	7
	Part 8	8	8	8	8	8	8	8	8	8	8	8	8	8
	Part 9	9	9	9	9	9	9	9	9	9	9	9	9	9
	Part 10	off	10	10	off	10	10	10	10	10	10	10	10	off
	Part 11	11	11	11	11	11	11	11	11	11	11	11	11	11
	Part 12	12	12	12	12	12	12	12	12	12	12	12	12	12
	Part 13	off	13	13	off	13	13	13	13	13	13	13	13	13
	Part 14	off	14	14	off	14	14	14	14	14	14	14	14	14
	Part 15	off	15	15	off	off	off	off	15	15	15	15	off	off
	Part 16	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
Accomp 1	13	off	off	13	off	off	off	off	off	off	off	off	off	
Accomp 2	14	off	off	14	off	off	off	off	off	off	off	off	off	
Accomp 3	15	off	off	15	off	off	off	off	off	off	off	off	off	
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	
Octave	Part 4	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	
	Bass	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	
Local	Bass	on	on	on	on	on	on	on	on	on	on	off	on	
	Others	on	on	on	on	on	on	on	on	on	on	on	on	
Control all msg.	on	on	on	on	on	on	on	on	on	on	on	on	on	
Realtime msg.	on	on	on	on	on	on	on	on	on	on	on	on	off	
Clock	int	int	int	int	MIDI	MIDI	MIDI	int	int	int	int	int	MIDI	
Right1 input	dir	dir	dir	dir	cnctct	cnctct	cnctct	cnctct	cnctct	cnctct	cnctct	dir	dir	
APC in	off	off	off	on	on	on	on	on	on	on	on	on	on	
Technichord out	on	on	on	on	off	off	off	off	off	off	off	off	off	
Drums out	on	off	off	on	off	off	off	off	off	off	off	off	off	
APC out	on	on	on	on	on	on	on	on	on	on	on	on	on	
P. cng to P. mem	off	off	off	off	off	off	off	off	off	off	off	off	off	
Note only	off	off	off	off	off	off	off	off	off	off	off	off	off	
Realtime sysex	on	off	off	on	off	off	off	off	off	off	off	off	on	
Intro / Fill	on	on	on	on	on	on	on	on	on	on	on	on	on	
APC control	off	off	off	off	on	on	on	on	on	on	on	on	on	
Transpose	off	on	on	off	off	off	off	off	off	off	off	off	off	
Prog. cng mode	NX SOUND	NX SOUND	NX SOUND	NX SOUND	PREV.TEC	PREV.TEC	PREV.TEC	NX SOUND	NX SOUND	NX SOUND	NX SOUND	NX SOUND	NX SOUND	
Drums type	NX SOUND	NX SOUND	NX SOUND	NX SOUND	PREV.TEC	PREV.TEC	PREV.TEC	NX SOUND	NX SOUND	NX SOUND	NX SOUND	NX SOUND	NX SOUND	
Prev. Tech Mode	off	off	off	off	on	on	on	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 ↓				Organ type1	Organ type1 fixed touch	PX Piano	Accordion	Bass Pedals	Ext SEQ
Sound Module	Vocallist CH 1	CH 5	Ext SEQ	KN							
Basic channel	Right 1	1	1	5	1	1	1	1	1	off	1
	Right 2	2	2	2	2	4	4	2	4	2	2
	Left	3	3	3	3	2	2	3	2	3	3
	Part 1	off	off	off	off	off	off	off	off	off	off
	Part 2	off	off	off	off	off	off	off	off	off	off
	Part 3	off	off	off	off	off	off	off	off	off	off
	Part 4	4	4	4	4	3	3	4	3	1	4
	Part 5	5	5	1	5	5	5	5	5	5	5
	Part 6	6	6	6	6	6	6	6	6	6	6
	Part 7	7	7	7	7	7	7	7	7	7	7
	Part 8	8	8	8	8	8	8	8	8	8	8
	Part 9	9	9	9	9	9	9	9	9	9	9
	Part 10	10	10	10	10	10	10	10	10	10	10
	Part 11	11	11	11	11	11	11	11	11	11	11
	Part 12	12	12	12	12	12	12	12	12	12	12
	Part 13	13	13	13	13	13	13	13	13	13	13
	Part 14	14	14	14	14	14	14	14	14	14	14
	Part 15	15	15	15	15	off	off	15	15	15	15
	Part 16	16	16	16	16	15	15	16	16	16	16
	Control	off	off	off	off	16	16	off	off	off	off
	Accomp 1	off	off	off	off	off	off	off	off	off	off
	Accomp 2	off	off	off	off	off	off	off	off	off	off
	Accomp 3	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	Part 4	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	cmdct	cmdct	cmdct	cmdct	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. Tech Mode	off	off	off	off	on	on	off	off	off	off
	Song select	off	off	off	on	on	on	on	on	on	on
	SPLIT POINT	-	-	-	-	C1	C1	-	C1	-	-
	Velocity fix	-	-	-	-	-	80	-	80	-	-

HOW TO USE MIDI PRESETS

MIDI Presets are designed to help you set up the KN7000 quickly and easily for use with various other instruments.

To connect the KN7000 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 KN7000 as the SLAVE UNIT and the second page with the KN7000 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 KN7000 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 KN7000 using Auto Play Chord, the KN7000 will be set to MIDI clock. This means that the KN7000 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 KN7000 Rhythm and Accompaniment.

MIDI PRESETS FOR CONNECTING AN ORGAN TO THE KN7000 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 KN7000 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 KN7000 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 KN7000, but Auto Play Chord will not play

MIDI PRESET FOR CONNECTING AN ACCORDION TO THE KN7000 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 KN7000 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 KN7000 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 KN7000 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 KN7000 function like an Organ.

MIDI PRESET FOR CONNECTING AN EXTERNAL SEQUENCER OR COMPUTER TO THE KN7000 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.

ANWENDUNG DER MIDI-PRESETS (MIDI-Voreinstellungen)

Das KN7000 kann mit jedem Musikinstrument, das mit MIDI ausgestattet ist, Daten austauschen. Um das KN7000 mit anderen Musikinstrumenten zu verbinden, verwenden Sie ein handelsübliches MIDI-Kabel und verbinden die MIDI OUT-Buchse des Instrumentes auf dem Sie spielen (MASTER) mit der MIDI IN-Buchse des angesteuerten Instrumentes (SLAVE).

MIDI-Presets (Voreinstellungen) wurden geschaffen, um Ihnen zu helfen, das KN7000 schnell und einfach mit verschiedenen Instrumenten zu verbinden.

Sie finden drei Seiten mit MIDI-Presets: Die erste mit dem KN7000 als Sendeinstrument (Master), die zweite mit dem KN7000 als empfangendes (Slave) Instrument und die dritte Seite mit freien Speicherplätzen für Ihre eigenen Einstellungen.

Auf der gegenüberliegenden Seite der KN7000 Abbildung im Display können Sie jeweils den anderen Instrumententyp wählen, den Sie an das KN7000 anschließen möchten. Weiterhin können Sie auswählen, ob Sie mit Auto Play Chord (Begleitautomatik) spielen möchten oder nicht.

Viele MIDI-Verbindungen sind recht einfach. Die folgende Aufstellung ist daher hilfreich für die etwas komplexeren Einstellungen.

MIDI PRESETS ZUR VERBINDUNG EINER ORGEL MIT DEM KN7000 INKLUSIV BEGLEITAUTOMATIK

(Wählen Sie 'WITH APC' unten im Display)

MIDI PRESET	INHALT
ORGAN 1 WITH APC	Schaltet Right 1 & 2 für das Obermanual und Left und APC für das Untermanual.
ORGAN 2 WITH APC	Schaltet Right 1 & 2 für das Obermanual und nur APC für das Untermanual.
ORGAN 1 FIXED TOUCH WITH APC	Arbeitet wie ORGAN 1 WITH APC, allerdings ohne Anschlagsdynamik.

Wenn Sie ein MIDI-Preset für die Verbindung einer Orgel mit dem KN7000 unter Verwendung von Auto Play Chord wählen, wird die MIDI-Clock des KN7000 auf MIDI gestellt. Das bedeutet dass der Rhythmus des KN7000 über die Orgel gestartet bzw. gestoppt wird und dass das Tempo ebenfalls von der Orgel aus gesteuert wird. Es ist empfehlenswert, die Rhythmus- und Begleitlautstärke der Orgel auf 0 zu stellen, um unschöne Klänge im Zusammenhang mit dem KN zu vermeiden.

MIDI PRESETS ZUR VERBINDUNG EINER ORGEL MIT DEM KN7000 OHNE BEGLEITAUTOMATIK

(Auto Play Chord)

(Wählen Sie 'WITHOUT APC' unten im Display)

MIDI PRESET	INHALT
ORGAN WITHOUT APC	Schaltet Right 1 & 2 für das Obermanual, Left für das Untermanual und Part 4 für den Bass.
ORGAN FIXED TOUCH WITHOUT APC	Arbeitet wie ORGAN WITHOUT APC, allerdings ohne Anschlagsdynamik.

MIDI PRESET ZUR VERBINDUNG EINES PX-PIANOS MIT DEM KN7000 INKLUSIV BEGLEITAUTOMATIK

(Auto Play Chord)

(Wählen Sie 'WITH APC' unten im Display)

MIDI PRESET	INHALT
PX PIANO WITH APC	Right 1 & 2, Left und Auto Play Chord können von der Tastatur des PX-Pianos gespielt werden, genau wie sie am KN6000 eingestellt sind.

MIDI PRESET ZUR VERBINDUNG EINES PX-PIANOS MIT DEM KN7000 OHNE BEGLEITAUTOMATIK
(Auto Play Chord)

(Wählen Sie `WITHOUT APC' unten im Display)

MIDI PRESET	INHALT
PX PIANO WITHOUT APC	Right 1 & 2 und Left können von der Tastatur des PX-Pianos gespielt werden, genau wie sie am KN7000 eingestellt sind. Auto Play Chord wird nicht angesteuert.

MIDI PRESET ZUR VERBINDUNG EINES AKKORDEONS MIT DEM KN7000 INKLUSIV BEGLEITAUTOMATIK

(Wählen Sie `WITH APC' unten im Display)

MIDI PRESET	INHALT
ACCORDION 1 WITH APC	Schaltet Right 1 & 2 für die rechte Hand, APC für die Akkord-Knöpfe und Left für den Bass.
ACCORDION 2 WITH APC	Schaltet Right 1 & 2 für die rechte Hand, Left und APC für die Akkord-Knöpfe und Part 4 für den Bass.
ACCORDION 3 WITH APC	Schaltet Right 1 & 2 für die rechte Hand, APC für die Akkord-Knöpfe und Part 4 für den Bass.

Die Anschlagstärke (Velocity) ist auf den Wert 80 eingestellt, um eine höhere Lautstärke zu erzielen, als diese vom Akkordeon übertragen wird (64).

MIDI PRESET ZUR VERBINDUNG EINES AKKORDEONS MIT DEM KN7000 OHNE BEGLEITAUTOMATIK

(Auto Play Chord)

(Wählen Sie `WITHOUT APC' unten im Display)

MIDI PRESET	VERWENDUNG
ACCORDION WITHOUT APC	Schaltet Right 1 & 2 für die rechte Hand, Left für die Akkord-Knöpfe und Part 4 für den Bass.

Die Anschlagstärke (Velocity) ist auf den Wert 80 eingestellt, um eine höhere Lautstärke zu erzielen, als diese vom Akkordeon übertragen wird (64).

MIDI PRESET ZUR VERBINDUNG EINES MIDI-BASS PEDALS MIT DEM KN7000 INKLUSIV BEGLEITAUTOMATIK

(Auto Play Chord)

(Wählen Sie `WITH APC' unten im Display)

MIDI PRESET	VERWENDUNG
BASS PEDALS WITH APC	Schaltet den APC Bass aus (Local Off) und setzt dafür das Basspedal anstelle des APC Bass, somit kann der Bass-Part vom Pedal aus gespielt werden.

MIDI PRESET ZUR VERBINDUNG EINES MIDI-BASS PEDALS MIT DEM KN7000 OHNE BEGLEITAUTOMATIK

(Auto Play Chord)

(Wählen Sie `WITHOUT APC' unten im Display)

MIDI PRESET	VERWENDUNG
BASS PEDALS WITHOUT APC	Schaltet das Bass-Pedal auf Part 4. Somit können Sie mit Right 1 & 2 und Left auf der Tastatur spielen. Das KN7000 arbeitet somit wie eine Orgel.

MIDI PRESET ZUR VERBINDUNG EINES EXTERNEN SEQUENZERS ODER COMPUTERS MIT DEM KN7000 OHNE BEGLEITAUTOMATIK (Auto Play Chord)

(Wählen Sie `WITHOUT APC' unten im Display)

MIDI PRESET	VERWENDUNG
EXT SEQUENCER WITHOUT APC	Sehr nützlich für Mehrspur-Aufnahmen bei Verwendung eines externen Sequenzers oder Computers. Alle Klanggruppen werden auf Local Off geschaltet, Sie sollten also MIDI Thru im externen Sequencer oder im Computer aktivieren.

Playback of Technics disks

■ The KN7000 can play back data from the following instrument models:

KN2000	KN3000	KN1400 / 1600	KN5000	KN6000 / 6500
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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 RHYTHM CUSTOM / KN6000 • 6500 CUSTOM cannot be loaded.

■ Caution

<ul style="list-style-type: none"> • Functions of other models which are not incorporated in the KN7000 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.
<ul style="list-style-type: none"> • Because KN7000'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.
<ul style="list-style-type: none"> • Preset rhythm pattern and PADS phrase change to those of the KN7000.
<ul style="list-style-type: none"> • COMPOSER FILL-IN, INTRO and ENDING patterns which were created with the COMPOSER MODE set to NORMAL are not played back.
<ul style="list-style-type: none"> • When loading data that was created on previous models, the single load function does not work.
<ul style="list-style-type: none"> • The hard configurations of the REVERB and MULTI in the KN7000 are different from PREVIOUS MODEL and therefore only the effect type is matched.
<ul style="list-style-type: none"> • In the KN7000'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.
<ul style="list-style-type: none"> • The added TECHNICAL notes are not played back.
<ul style="list-style-type: none"> • 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)

Wiedergabe von Technics Disketten

■ Das KN7000 kann Daten von folgenden Technics Modellen wiedergeben:

KN2000	KN3000	KN1400 / 1600	KN5000	KN6000 / 6500
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■ Folgende PERFORMANCE Daten sind kompatibel:

COMPOSER Daten
SEQUENCER Daten
Registrierungen (Bedienfeldeinstellungen und PANEL MEMORY)
SOUND MEMORY Daten
PADS USER BANK Daten

- KN5000 RHYTH CUSTOM / KN6000 • 6500 CUSTOM kann nicht geladen werden.

■ Hinweise

<ul style="list-style-type: none"> • Funktionen anderer Modelle, die nicht im KN7000 enthalten sind, können verständlicher Weise nicht kompatibel sein. Wenn derartige Funktionen im COMPOSER, SEQUENCER oder in den Registrierungen enthalten sind, werden diese u.U. nicht richtig wiedergegeben.
<ul style="list-style-type: none"> • Da das KN7000 Klangerzeugungssystem und die DSP Konfiguration (NX SOUND) unterschiedlich zu anderen Modellen ist, kann es bei der Wiedergabe von Klängen zu Differenzen in bestimmten Nuancen geben. Darüberhinaus wird ein Klang anders wiedergegeben, wenn er im Original andere Wellenformen (Tone), z.B. im SOUND MEMORY, besitzt als das KN7000 wiedergeben kann. Ebenso ist die Wiedergabe eines Klanges von der Anzahl der Polyphonie abhängig, also der Zahl von Noten die gleichzeitig erzeugt werden kann.
<ul style="list-style-type: none"> • Die Auswahl von Rhythmen und PADS wird automatisch auf die KN7000 Belegung aktualisiert.
<ul style="list-style-type: none"> • Daten, die auf einem anderen Modell erstellt wurden, können nicht mit einer "Single Load" Function geladen werden. Laden Sie diese Bank zunächst im KN7000 komplett ein und speichern sie wieder ab. Danach können Sie auch "Single Load" verwenden.
<ul style="list-style-type: none"> • COMPOSER FILL-IN, INTRO und ENDING-Figuren, die im COMPOSER NORMAL MODE erstellt wurden, werden nicht wiedergegeben.
<ul style="list-style-type: none"> • Die Konfiguration von REVERB und MULTI im KN7000 sind anders als im PREVIOUS MODEL. Deshalb kann hier nur der Effekt-Typ eingestellt werden, der Klang kann sich vom Original unterscheiden.
<ul style="list-style-type: none"> • Im Modus NX SOUND des KN7000 werden alle Klänge in den SEQUENCER-Daten grundsätzlich in derselben Oktave wiedergegeben. Bei früheren Modellen kann die Oktaveinstellung für jeden Klang unterschiedlich sein, so daß auf einem früheren Modell aufgezeichnete Klänge eventuell nicht in der korrekten Oktave auf diesem Modell wiedergegeben werden.
<ul style="list-style-type: none"> • Die hinzugefügten TECHNI-CHORD-Noten werden nicht wiedergegeben.
<ul style="list-style-type: none"> • Einige der Intro, Fill In etc. Figuren des COMPOSER Expand Modus können unterschiedlich sein, je nach Unterschieden in der Speicherkonfiguration der Modelle.(KN2000)

PRESET PICTURE LIST

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