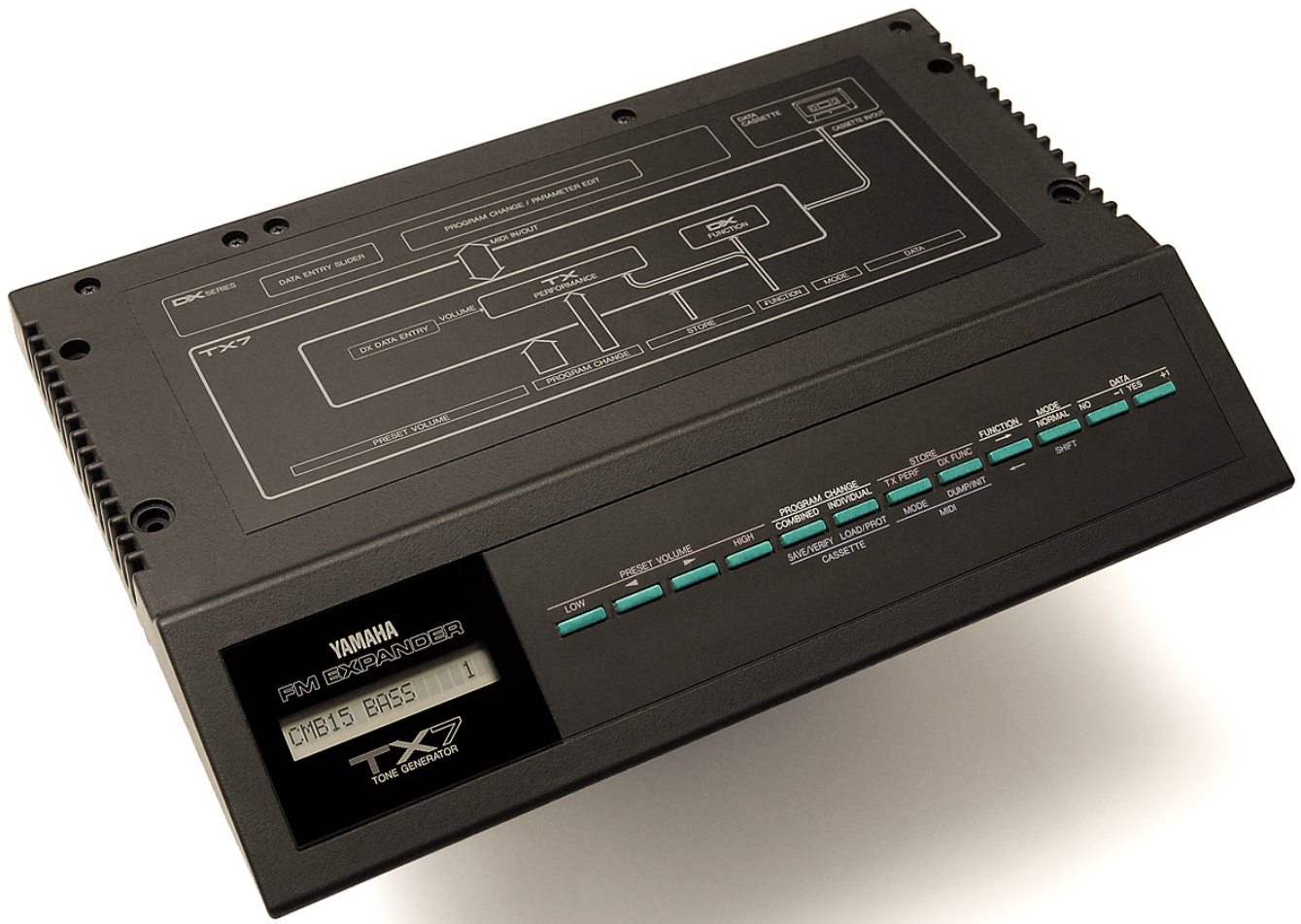


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YME8 MIDI Expander



The YME8 MIDI Expander has two MIDI IN terminals and eight MIDI THROUGH terminals. Each MIDI IN can be switched to feed either group of four MIDI THROUGH (1, 2, 3, and 4; or 5, 6, 7 and 8) terminals, offering greatly expanded MIDI system versatility.

The YME8 is powered by the Yamaha PA-1 AC adaptor (12 V DC).

LG7 Stand



This lightweight stand is indispensable when up to 3 TX7s, or 2 TX7s and 1 QX7 Digital Sequence Recorder are to be stacked for easy access and operation.

MIDI-03/MIDI-15 MIDI Cable



Durable MIDI connection cables available in 3 and 15-meter length.

SPECIFICATIONS

Sound Source

FM TONE GENERATOR (6 OPERATORS)

Simultaneous Output Notes

POLYPHONIC 16 (First-note priority)

MONOPHONIC 1 (Last-note priority)

Internal Memories

32 Performance (32 VOICE + 32 FUNCTION)

32 FUNCTION (for DX7, DX9)

2 VOLUME

Panel Controls

PRESET VOLUME 4

PROGRAM CHANGE/CASSETTE 2

STORE/MIDI 2

FUNCTION 1

NORMAL/SHIFT 1

DATA ENTRY 2

Display

LCD (16 characters x 1 line)

Connection Terminals

MIDI IN (DIN JACK 5P) (1)

MIDI OUT (DIN JACK 5P) (1)

MIDI THRU (DIN JACK 5P) (1)

CASSETTE (DIN JACK 8P) (1)

OUTPUT (PHONE JACK MONO) (1)

HEAD PHONE (PHONE JACK STEREO) (1)

Others

OUTPUT level/Impedance -10 dBm Max./

5.4 k-ohms

Headphones 8-150 Ohm

Mono/Stereo

MIDI Control Source DX7, KX5 etc. MIDI

Keyboards, CX5M etc.

MIDI Computers

Power Requirements

U.S. and Canadian Models: 120 V 50/60 Hz

General Model: 220 V—240 V 50/60 Hz

Power Consumption

U.S. and Canadian Models: 12 W

General Model: 10 W

Dimensions (W x H x D)

351 x 50 x 241 mm (13-13/16 x 1-15/16 x 9-1/2")

Weight

2.3 Kg (5 lbs. 1 oz.)

Accessories

MIDI Cable (1 m) x 2

Voice Data Cassette Tape

Optional Accessories

LG7 Stand (for TX7 + QX7)

Specifications are subject to change without notice.

For details please contact:

SINCE 1887



YAMAHA

NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN

YAMAHA



**TONE GENERATOR
GENERATEUR DE SON
TONGENERATOR**

**PERFORMANCE NOTES
NOTES SUR LES PERFORMANCES
ANMERKUNGEN ZU DEN PARAMETERN
FÜR
FUNKTIONEN UND INSTRUMENTSTIMMEN**

This performance notebook lists all the information necessary for utilizing the maximum capabilities of the data included for use with the DX7 and TX7. Please use this notebook as reference when performing on the DX7 and TX7.

1. ACOUSTIC PIANO	Pitch Bend effect is only on A side. By detuning A and B, sound becomes richer.
2. HIGH STRINGS	By detuning A and B, sound becomes richer. Vibrato can be added by using After Touch or Modulation Wheel, and volume can be changed by Foot Control.
3. TRUMPETS	Some type of sound on both sides, however, function of LFO is changed to obtain a stereo effect. Initial Touch gives expression to tone, and After Touch produces vibrato on side A only. Also, if key is pressed down for a long time, sound will only remain on side B.
4. MALE & FEMALE CHOIR	Vibrato produced by After Touch or Modulation Wheel is stronger for male choir than for female choir.
5. ELECTRIC PIANO	Same sounds on both sides. Initial Touch gives expression to the tone, and vibrato can be added by using Modulation Wheel.
6. ELECTRIC ORGAN	Same type of sound on both sides, however, as function of LFO is different, stereo effect can be produced by Modulation Wheel.
7. POWER SYNTHESIZER	By detuning A and B, the sound becomes richer, and Initial Touch gives expression to the tone.
8. FAT SYNTHESIZER	As the name indicates, producing same note on both sides will widen the sound. Vibrato can be produced by using Modulation Wheel.
9. GUITARS	This mixes two sounds, jazz guitar on side A, and spanish guitar on side B. By using keyboard level scaling, tone variation can be enjoyed through keyboard range. Initial Touch gives expression to the tone, and by using Modulation Wheel to produce vibrato, sound can be expanded even further.
10. CELLO ENSEMBLE	Detuning same type of sound produces rich string sound. Modulation Wheel produces vibrato, and Initial Touch can be used for bow like effect.
11. AFRICAN MALLETT	Pitch Bend and Vibrato by Modulation Wheel are only produced on side A, while vibrato by After Touch is only produced on side B. Tone can be varied by Initial Touch.
12. ELECTRIC PIANO & BREATH CONTROL BRASS	For electric piano, tone can be varied by Initial Touch, and if Breath Control is used, brass sound comes flowing out. Modulation Wheel and After Touch give expression, and ensemble music can be enjoyed. As the effect is stronger on side A than on side B, stereo effect can also be enjoyed.

13.	PIPE ORGAN	By Initial Touch, volume difference between A and B can be enjoyed, and sound image moves from left to right (and vice versa).
14.	SYN-RISE	Pitch EG moves musical interval from A to B, and stereo effect can be enjoyed.
15.	CLAV.	By detuning A and B, stereo effect is produced. Vibrato is produced by Modulation Wheel.
16.	TINE ELECTRIC PIANO & STRINGS	After an intimate electric piano introduction, gradually pressing down foot pedal will produce a grandiose string sound. Use effectively different Pitch Bends for A and B.
17.	BREATH CONTROL FLUTE & STRING BELLS	Use Breath Control for flute solo, and Foot Control for string accompaniment.
18.	HORNS	Initial Touch allows you to enjoy brass ensemble. Use Modulation Wheel for vibrato.
19.	DOUBLE HARP	This sound reproduces very subtle differences in attack. Initial Touch varies the tone.
20.	ELECTRIC GUITAR	Use Initial Touch, Modulation Wheel and Pitch Bend to reproduce a variety of electric guitar and bass sounds.
21.	ELECTRIC BASS	Combining same type of sound produces a rich bass sound, and using Initial Touch produces skillful plucking effect.
22.	HARPSICHORD	By detuning A and B, you can enjoy stereo effect.
23.	VIBRAPHONE	Same type of sound on both sides, however, different vibrato speed widens the sound.
24.	BREATH CONTROL SAX & BRASS HORNS	This is a brass (trombone-like) and Sax duet. Use Foot Control for trombone, and Breath Control to control sax. Also, use Modulation Wheel for vibrato.
25.	FM PIANO	By detuning A and B, you can enjoy stereo effect. Initial Touch gives expression to the tone.
26.	MODULATION WHEEL TIMPANI & ORCHESTRA	Add timpani to orchestra by using Modulation Wheel, and use different Pitch Bends for A and B effectively.
27.	TIME WARP & BELL VOICE	Use Modulation Wheel to produce futuristic time warp sound.
28.	TUBERISE	Use Modulation Wheel to add effect to chime sound and enjoy stereo effect. Also enjoy reverberations after releasing keys.
29.	VIOLIN ENSEMBLE	By using Modulation Wheel to produce vibrato, a lousy ensemble becomes professional.
30.	KARIMBA	This sounds like a folk instrument. Produce fun sounds by using Modulation Wheel and Initial Touch.
31.	HARMOSYNTH	This is a synthesizer sound like harmonica. Use Modulation Wheel for vibrato.
32.	ORCHESTRA & TRUMPET	Play softly for orchestra and strongly for trumpet solo. Use Modulation Wheel for vibrato and tremolo. Use different Pitch Bends for A and B effectively.

* Connect FC-3A or FC-7 Foot Controller to Foot Modulation terminal on rear panel of the DX7.

DATA TABLES

1. These data tables give in table form ideas for utilizing to their maximum the functions of your TX7 and DX7.
Each page includes data in an upper row (A group) and lower row (B group), which together make up the data for one type of performance. Program the A group data in the DX7, and the B group data in the TX7.
2. For the functions of each voice in these data tables, the range values for the Modulation Wheel, Foot Control, Breath Control and After Touch are from 0 ~ 99 when used in connection with the DX7, but the TX7 only actually handles the 0 ~ 15 range.

Thus, when setting the functions on the TX7 panel, use the table below to convert the 0 ~ 99 values into the 0 ~ 15 range.

TX7	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
DX7	0	6	13	19	26	33	39	46	53	59	66	72	79	86	92	99

3. Furthermore, the split low and high limits, which only the TX7 has, all have the same initial values, as shown in the table below.

Low Limit (L)	High Limit (H)
C - 2	G8

2. HIGH STRINGS
 2. CORDES HAUTES
 2. HOHE STREICHERSTIMMEN

ALGORITHM 1				< NAME >				< PITCH ENVELOPE >														
				HI STRINGS				R1	R2	R3	R4	L1	L2	L3	L4							
								94	67	95	60	50	50	50	50							
				ALGO 02				< LFO >														
				MID C G#1				WAVE	SPD	DLY	PMD	AMD	SYNC	PMS								
				F.B 7				SIN	38	33	17	00	OFF	2								
SYNC ON																						
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	F	1.000	00	+2	46	33	20	46	99	92	84	00	00	-L	A-1	00	-L	2	3	1	99
2		N	05.00	00	+6	99	46	00	44	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
3	C	F	1.000	00	+3	46	33	20	43	99	92	84	00	00	-L	A-1	00	-L	2	3	0	99
4		N	05.00	00	+2	99	46	00	46	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
5		N	05.00	00	-2	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	77
6		N	10.00	00	+0	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	71
POLY /MONO		< PORTAMENTO >				< MODULATION >																
		mode gliss time																				
POLY		retai OFF 01																				
LEVEL ATT		< P.BENDER >																				
		range step																				
007		05 00																				
						range				53 99 00 86												
						pitch				DN OFF OFF DN												
						amp				OFF OFF OFF OFF												
						EG-bias				OFF DN OFF OFF												

ALGORITHM 1				< NAME >				< PITCH ENVELOPE >														
				HI STRINGS				R1	R2	R3	R4	L1	L2	L3	L4							
								94	67	95	60	50	50	50	50							
				ALGO 02				< LFO >														
				MID C G#1				WAVE	SPD	DLY	PMD	AMD	SYNC	PMS								
				F.B 7				SIN	38	33	17	00	OFF	2								
SYNC ON																						
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	F	1.000	00	+2	46	33	20	46	99	92	84	00	00	-L	A-1	00	-L	2	3	1	99
2		N	05.00	00	+6	99	46	00	44	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
3	C	F	1.000	00	+3	46	33	20	43	99	92	84	00	00	-L	A-1	00	-L	2	3	0	99
4		N	05.00	00	+2	99	46	00	46	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
5		N	05.00	00	-2	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	77
6		N	10.00	00	+0	99	46	00	43	99	93	87	00	00	-L	D#4	99	-L	1	0	0	71
POLY /MONO		< PORTAMENTO >				< MODULATION >																
		mode gliss time																				
POLY		retai OFF 00																				
LEVEL ATT		< P.BENDER >																				
		range step																				
007		05 00																				
						range				53 99 00 86												
						pitch				DN OFF OFF DN												
						amp				OFF OFF OFF OFF												
						EG-bias				OFF DN OFF OFF												

3. TRUMPET
 3. TROMPETTES
 3. TROMPETEN

ALGORITHM 1	< NAME >		< PITCH ENVELOPE >																				
	TRUMPET A		R1	R2	R3	R4	L1	L2	L3	L4													
			99	67	95	60	49	51	50	52													
			< LFD >																				
ALGO	18	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS															
MID C	C 3	TRI	34	45	06	00	OFF	2															
F.B	7																						
SYNC	ON																						
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+5	70	24	19	55	99	95	53	00	00	-L	A-1	00	-L	2	0	4	99	
2		N	02.10	05	-7	99	12	22	50	85	00	00	00	00	-L	F	5	96	-E	2	0	7	45
3		N	01.00	00	+0	41	12	22	50	99	95	95	00	00	-L	A-1	00	-L	5	0	3	81	
4		N	01.00	00	+0	66	76	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	4	74	
5		N	06.24	04	-1	48	12	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	0	50	
6		N	08.47	21	+0	42	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	3	99	
POLY /MONO		< PORTAMENTO >			< MODULATION >																		
		mode	gliss	time																			
POLY		retai	OFF	00					MOD	F.C	B.C	A.TCH											
LEVEL ATT		< P.BENDER >			range				53	00	00	86											
		range	step		pitch				ON	OFF	OFF	ON											
007		02	00		amp				ON	OFF	OFF	OFF											
					EG-bias				ON	OFF	OFF	OFF											

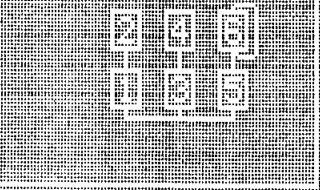
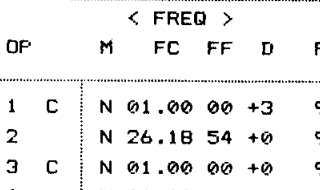
ALGORITHM 1	< NAME >		< PITCH ENVELOPE >																				
	TRUMPET B		R1	R2	R3	R4	L1	L2	L3	L4													
			86	67	95	99	52	49	50	50													
			< LFD >																				
ALGO	18	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS															
MID C	C 3	TRI	35	00	00	00	OFF	5															
F.B	7																						
SYNC	ON																						
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+0	70	24	19	55	99	86	86	00	00	-L	A-1	00	-L	2	0	7	99	
2		N	02.10	05	+0	99	12	22	50	85	85	85	00	00	-L	F	5	96	-E	2	0	3	50
3		N	01.00	00	+0	41	12	22	50	99	99	96	00	00	-L	A-1	00	-L	5	0	2	79	
4		N	01.00	00	+0	66	76	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	3	74	
5		N	06.24	04	-1	48	12	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	0	50	
6		N	08.47	21	+0	42	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	3	99	
POLY /MONO		< PORTAMENTO >			< MODULATION >																		
		mode	gliss	time																			
POLY		retai	OFF	00					MOD	F.C	B.C	A.TCH											
LEVEL ATT		< P.BENDER >			range				53	00	00	00											
		range	step		pitch				ON	OFF	OFF	ON											
007		02	00		amp				OFF	OFF	OFF	OFF											
					EG-bias				OFF	OFF	OFF	OFF											

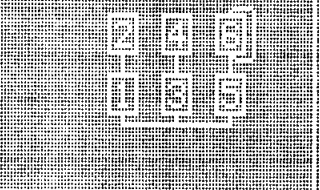
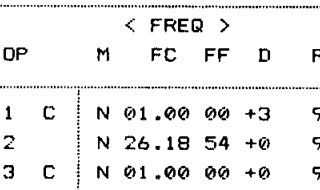
4. MALE & FEMALE CHOIR
 4. CHOEUR D'HOMMES ET DE FEMMES
 4. MÄNNLICHE UND WEIBLICHE CHORSTIMMEN

ALGORITHM 1				< NAME >				< PITCH ENVELOPE >														
				MALE CHOIR				R1	R2	R3	R4	L1	L2	L3	L4							
								75	80	75	60	50	50	50	50							
				ALGO	29	< LFO >																
				MID C	C 2	WAVE	SPD	DLY	FMD	AMD	SYNC	FMS										
				F.B	0	SIN	35	33	36	38	OFF	2										
				SYNC	ON																	
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	03.00	00	+3	47	80	22	52	99	99	99	00	99	-L	F#2	99	-L	0	0	0	91
2	C	N	05.00	00	-3	47	20	22	50	99	99	97	00	99	-L	C 2	99	-L	0	0	0	67
3	C	F	2692.	43	+0	40	80	22	52	99	99	99	00	00	-L	F#2	15	-L	0	0	0	78
4		N	01.00	00	+2	60	20	22	50	99	99	97	00	00	-L	F 1	08	-L	0	0	0	79
5	C	N	02.00	00	-3	48	80	22	54	99	99	99	00	18	-L	E 3	00	-L	0	0	0	99
6		N	01.00	00	+3	99	80	22	30	99	99	99	00	00	-L	D#2	62	-L	0	0	0	83
POLY /MONO		< PORTAMENTO >				< MODULATION >																
		mode gliss time								MOD F.C B.C A.TCH												
POLY		retai OFF 00				range				53 00 00 53												
LEVEL ATT		< P.BENDER >				pitch				ON OFF OFF ON												
		range step				amp				OFF OFF OFF OFF												
007		05 00				EG-bias				OFF OFF OFF OFF												

ALGORITHM 1				< NAME >				< PITCH ENVELOPE >														
				FEM. CHOIR				R1	R2	R3	R4	L1	L2	L3	L4							
								18	25	99	99	49	49	50	50							
				ALGO	01	< LFO >																
				MID C	C 3	WAVE	SPD	DLY	FMD	AMD	SYNC	FMS										
				F.B	4	SIN	39	35	91	02	OFF	1										
				SYNC	ON																	
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	-7	51	55	53	64	61	88	85	00	00	-L	A-1	00	-L	0	3	0	97
2		N	01.00	00	+0	69	83	80	98	69	81	96	99	00	-L	A-1	00	-L	0	0	0	62
3	C	N	01.00	00	+0	42	20	53	57	99	94	97	00	00	-L	A-1	00	-L	0	3	3	99
4		N	01.02	02	+3	72	56	41	12	48	67	67	09	00	-L	A-1	00	-L	0	0	1	99
5		F	2692.	43	-1	35	21	36	63	99	90	85	00	00	-L	A-1	00	-L	0	0	1	46
6		N	01.00	00	+1	99	72	48	17	99	99	99	00	00	-L	A-1	00	-L	0	0	0	66
POLY /MONO		< PORTAMENTO >				< MODULATION >																
		mode gliss time								MOD F.C B.C A.TCH												
POLY		retai OFF 00				range				53 00 00 53												
LEVEL ATT		< P.BENDER >				pitch				ON OFF OFF ON												
		range step				amp				OFF OFF OFF OFF												
007		05 00				EG-bias				OFF OFF OFF OFF												

5. ELECTRIC PIANO
 5. PIANO ELECTRIQUE
 5. ELEKTRISCHES KLAVIER

ALGORITHM :				< NAME >				< PITCH ENVELOPE >														
				ELEC.PNO A				R1	R2	R3	R4	L1	L2	L3	L4							
								99	99	99	99	50	50	50	50							
				ALGO		05		< LFO >														
				MID C		C 3		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS								
				F.B		6		SIN	15	33	00	00	OFF	2								
SYNC				ON																		
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+3	96	25	25	67	99	75	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	26.18	54	+0	95	50	35	78	99	75	00	00	00	-L	A-1	01	-L	3	0	7	75
3	C	N	01.00	00	+0	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	2	99
4		N	01.00	00	+0	95	29	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	6	89
5	C	N	01.00	00	-7	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	0	99
6		N	01.00	00	+7	95	29	20	50	99	95	00	00	00	-L	D 3	19	-L	3	0	6	79
POLY /MONO				< PORTAMENTO >				< MODULATION >														
				mode gliss time				MOD				F.C B.C A.TCH										
POLY				retai OFF 00				range				53 00 99 00										
LEVEL ATT				< P.BENDER >				pitch				ON OFF OFF OFF										
				range step				amp				OFF OFF OFF OFF										
007				02 00				EG-bias				OFF OFF ON OFF										

ALGORITHM :				< NAME >				< PITCH ENVELOPE >														
				ELEC.PNO B				R1	R2	R3	R4	L1	L2	L3	L4							
								99	99	99	99	50	50	50	50							
				ALGO		05		< LFO >														
				MID C		C 3		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS								
				F.B		6		SIN	15	33	00	00	OFF	2								
SYNC				ON																		
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+3	96	25	25	67	99	75	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	26.18	54	+0	95	50	35	78	99	75	00	00	00	-L	A-1	01	-L	3	0	7	75
3	C	N	01.00	00	+0	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	2	99
4		N	01.00	00	+0	95	29	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	6	89
5	C	N	01.00	00	-7	95	20	20	50	99	95	00	00	00	-L	A-1	00	-L	3	0	0	99
6		N	01.00	00	+7	95	29	20	50	99	95	00	00	00	-L	D 3	19	-L	3	0	6	79
POLY /MONO				< PORTAMENTO >				< MODULATION >														
				mode gliss time				MOD				F.C B.C A.TCH										
POLY				retai OFF 00				range				53 00 99 00										
LEVEL ATT				< P.BENDER >				pitch				ON OFF OFF OFF										
				range step				amp				OFF OFF OFF OFF										
007				02 00				EG-bias				OFF OFF ON OFF										

7. POWER SYNTHESIZER
 7. SYNTHETISEUR MAJESTUEUX
 7. POWER SYNTHESIZER

ALGORITHM I	< NAME >		< PITCH ENVELOPE >							
	POWERSYN A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	07	< LFO >							
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	FMS		
F.B	7	TRI	44	00	00	00	ON	3		
SYNC	ON									

OP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	02.00	00	-1	82	27	17	67	99	94	95	00	00	-L	A-1	00	-L	5	0	0	96
2		N	01.00	00	+1	90	32	28	99	99	90	03	00	00	-L	A-1	00	-L	3	0	7	85
3	C	N	03.00	00	+0	99	27	14	67	99	94	75	00	00	-L	A-1	00	-L	4	0	0	99
4		N	01.00	00	-3	99	21	14	67	99	85	97	00	00	-L	B 2	32	-L	6	0	7	94
5		N	01.00	00	+2	96	27	20	67	99	96	96	97	00	-L	A-1	00	-L	4	0	7	99
6		N	13.00	00	+0	60	71	18	67	93	94	00	00	00	-L	A-1	00	-L	2	0	7	79

ALGORITHM I	< NAME >		< PITCH ENVELOPE >							
	POWERSYN B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	07	< LFO >							
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	FMS		
F.B	6	TRI	44	00	00	00	ON	3		
SYNC	ON									

OP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	04.00	00	-1	82	27	17	67	99	94	95	00	00	-L	A-1	00	-L	5	0	0	96
2		N	01.00	00	+1	90	32	28	99	99	90	03	00	00	-L	A-1	00	-L	3	0	6	99
3	C	F	1.622	21	+7	80	27	14	67	99	94	75	00	00	-L	A-1	00	-L	4	0	6	99
4		N	07.00	00	-2	69	21	14	67	99	46	00	00	00	-L	B 2	32	-L	6	0	2	90
5		N	03.00	00	+3	81	27	20	67	99	96	93	97	00	-L	A-1	00	-L	4	0	6	87
6		N	11.00	00	+0	74	71	18	67	93	94	00	00	00	-L	A-1	00	-L	5	0	0	88

POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	range	53	00	00	00
LEVEL ATT	< P.BENDER >			pitch	ON	OFF	OFF	OFF
	range	step		amp	ON	OFF	OFF	OFF
007	02	00		EG-bias	OFF	OFF	OFF	OFF

8. FAT SYNTHESIZER
 8. SYNTHETISEUR GRAVE
 8. FAT SYNTHESIZER

ALGORITHM		< NAME >		< PITCH ENVELOPE >																		
		FATSYNTH A		R1	R2	R3	R4	L1	L2	L3	L4											
				94	67	95	60	50	50	50	50											
ALGO		02		< LFO >																		
		MID C	C 2	WAVE	SPD	DLY	FMD	AMD	SYNC	PMS												
				SIN	38	33	32	00	OFF	1												
< FREQ >		< ENVELOPE >				< KBD SCALE >				< S >												
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	F	1.000	00	-7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	01.00	00	-7	59	46	05	38	98	95	95	00	00	-L	C 1	02	-L	0	0	0	86
3	C	F	1.202	08	+7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	01.00	00	-2	56	13	05	35	99	96	94	00	00	-L	G 2	20	-L	0	0	0	82
5		N	01.00	00	+0	56	13	04	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	77
6		N	04.00	00	+2	56	13	03	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	64
POLY /MONO		< PORTAMENTO >			< MODULATION >																	
		mode gliss time																				
POLY		retai OFF 00			MOD				F.C B.C A.TCH													
					range				53 00 00 00													
LEVEL ATT		< P.BENDER >			pitch				ON OFF OFF OFF													
		range step			amp				OFF OFF OFF OFF													
007		02 00			EG-bias				OFF OFF OFF OFF													

ALGORITHM		< NAME >		< PITCH ENVELOPE >																		
		FATSYNTH B		R1	R2	R3	R4	L1	L2	L3	L4											
				94	67	95	60	50	50	50	50											
ALGO		02		< LFO >																		
		MID C	C 2	WAVE	SPD	DLY	FMD	AMD	SYNC	PMS												
				SIN	38	33	32	00	OFF	1												
< FREQ >		< ENVELOPE >				< KBD SCALE >				< S >												
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	F	1.000	00	-7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	01.00	00	-7	59	46	05	38	98	95	95	00	00	-L	C 1	02	-L	0	0	0	86
3	C	F	1.202	08	+7	71	41	54	61	99	95	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	01.00	00	-2	56	13	05	35	99	96	94	00	00	-L	G 2	20	-L	0	0	0	82
5		N	01.00	00	+0	56	13	04	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	77
6		N	04.00	00	+2	56	13	03	33	99	96	94	00	00	-L	D#4	00	-L	0	0	0	64
POLY /MONO		< PORTAMENTO >			< MODULATION >																	
		mode gliss time																				
POLY		retai OFF 00			MOD				F.C B.C A.TCH													
					range				53 00 00 00													
LEVEL ATT		< P.BENDER >			pitch				ON OFF OFF OFF													
		range step			amp				OFF OFF OFF OFF													
007		02 00			EG-bias				OFF OFF OFF OFF													

9. GUITARS
 9. GUITARES
 9. GITARREN

ALGORITHM 1		< NAME >		< PITCH ENVELOPE >																		
		JAZZ GUITR		R1	R2	R3	R4	L1	L2	L3	L4											
				75	80	75	60	50	50	50	50											
ALGO 08 MID C C 3 F.B 7 SYNC ON				< LFO >																		
				WAVE	SPD	DLY	FMD	AMD	SYNC	PMS												
				SIN	35	00	01	03	OFF	3												
		< FREQ >		< ENVELOPE >								< KBD SCALE >				< S >						
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+0	74	85	27	70	99	95	00	00	00	-L	A-1	00	-L	4	0	3	99
2		N	03.00	00	+0	91	25	39	60	99	86	00	00	00	-L	A-1	65	-L	2	0	4	97
3	C	N	01.00	00	+0	78	87	22	75	99	92	00	00	09	-L	G 2	00	-L	3	0	7	99
4		N	03.00	00	+0	81	87	22	75	99	92	00	00	00	-L	A-1	14	-L	4	0	4	90
5		N	03.00	00	+0	81	87	22	75	99	92	00	00	00	-L	A-1	15	-L	4	0	7	92
6		N	14.00	00	+0	99	57	99	75	99	00	00	00	53	-L	C 3	20	-L	0	0	5	75
POLY /MOND		< PORTAMENTO >			< MODULATION >																	
		mode gliss time																				
POLY		retai OFF 00			MOD F.C B.C A.TCH																	
LEVEL ATT		< P.BENDER >			range pitch amp EG-bias																	
		range step			53 00 00 00 ON OFF OFF OFF OFF OFF OFF OFF OFF OFF OFF OFF																	
007		01 00																				

ALGORITHM 1		< NAME >		< PITCH ENVELOPE >																		
		SPANISHGTR		R1	R2	R3	R4	L1	L2	L3	L4											
				98	98	75	60	50	50	50	50											
ALGO 14 MID C C 3 F.B 4 SYNC OFF				< LFO >																		
				WAVE	SPD	DLY	FMD	AMD	SYNC	PMS												
				SIN	39	85	01	00	OFF	1												
		< FREQ >		< ENVELOPE >								< KBD SCALE >				< S >						
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+0	75	79	24	66	99	27	00	00	00	+E	A#1	00	+E	3	0	3	88
2		N	27.00	00	+2	91	98	24	53	99	27	00	00	00	-L	F 1	00	-E	3	0	1	96
3	C	N	01.00	00	+0	75	28	24	66	99	27	00	00	00	+E	A#1	00	+E	3	0	1	99
4		N	03.00	00	+0	91	28	24	53	99	27	00	00	00	-L	F 1	00	-E	3	0	2	63
5		N	01.00	00	+0	52	23	24	53	96	27	00	00	00	-L	D#3	00	-E	3	0	3	61
6		N	05.00	00	+0	91	28	24	53	99	27	00	00	00	-L	G 0	00	-L	3	0	2	74
POLY /MOND		< PORTAMENTO >			< MODULATION >																	
		mode gliss time																				
POLY		retai OFF 00			MOD F.C B.C A.TCH																	
LEVEL ATT		< P.BENDER >			range pitch amp EG-bias																	
		range step			53 00 00 00 ON OFF OFF OFF OFF OFF OFF OFF OFF OFF OFF OFF																	
007		01 00																				

10. CELLO ENSEMBLE
 10. ENSEMBLE DE VIOLONCELLES
 10. CELLO-ENSEMBLE

ALGORITHM 1				< NAME >				< PITCH ENVELOPE >															
				CELLOS A				R1	R2	R3	R4	L1	L2	L3	L4								
								99	99	99	99	50	50	50	50								
				ALGO 15				< LFO >															
				MID C C 2				WAVE	SPD	DLY	PMD	AMD	SYNC	PMS									
				F.B 7				SIN	33	10	36	00	OFF	1									
				SYNC ON																			
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+1	52	30	25	43	98	99	98	00	00	-L	A-1	00	-L	2	0	1	99	
2		N	01.00	00	+0	89	67	15	51	82	90	87	00	00	-L	A-1	00	-L	1	0	1	86	
3	C	N	01.00	00	-1	50	27	35	41	95	94	94	00	80	+L	F	3	60	-L	2	0	5	99
4		N	01.00	00	+1	96	19	20	54	99	92	89	00	00	-L	A-1	00	-L	2	0	2	84	
5		N	05.00	00	-2	53	67	38	54	86	92	84	00	00	-L	A-1	00	-L	2	0	2	75	
6		N	12.00	00	+0	53	64	48	54	70	81	52	00	25	+L	E	4	00	-L	2	0	2	54
POLY /MONO				< PORTAMENTO >				< MODULATION >															
				mode gliss time																			
POLY				retai OFF 00				MOD F.C B.C A.TCH															
LEVEL ATT				< P.BENDER >				range pitch amp EG-bias															
				range step				53 00 00 00															
007				05 00				ON OFF OFF OFF															
								OFF OFF OFF OFF															
								OFF OFF OFF OFF															

ALGORITHM 1				< NAME >				< PITCH ENVELOPE >															
				CELLOS B				R1	R2	R3	R4	L1	L2	L3	L4								
								99	99	99	99	50	50	50	50								
				ALGO 15				< LFO >															
				MID C C 2				WAVE	SPD	DLY	PMD	AMD	SYNC	PMS									
				F.B 7				SIN	33	10	36	00	OFF	1									
				SYNC ON																			
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+0	52	30	25	43	94	98	97	00	00	-L	A-1	00	-L	2	0	1	99	
2		N	01.00	00	+0	89	67	15	51	82	90	87	00	00	-L	A-1	00	-L	1	0	1	86	
3	C	N	01.00	00	+0	50	43	35	41	94	97	97	00	80	+L	F	3	60	-L	2	0	5	99
4		N	01.00	00	+0	96	19	20	54	99	92	89	00	00	-L	A-1	00	-L	2	0	2	75	
5		N	05.00	00	+0	53	67	38	54	86	92	84	00	00	-L	A-1	00	-L	2	0	2	79	
6		N	12.00	00	+0	53	64	44	54	70	81	64	00	25	+L	E	4	00	-L	2	0	2	58
POLY /MONO				< PORTAMENTO >				< MODULATION >															
				mode gliss time																			
POLY				retai OFF 00				MOD F.C B.C A.TCH															
LEVEL ATT				< P.BENDER >				range pitch amp EG-bias															
				range step				53 00 00 00															
007				05 00				ON OFF OFF OFF															
								OFF OFF OFF OFF															
								OFF OFF OFF OFF															

11. AFRICAN MALLET
 11. MAILLET AFRICAIN
 11. AFRIKANISCHES MALLET

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	A.MALLET A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	07	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	FMS		
F.B	7	TRI	21	00	00	00	ON	2		
SYNC	ON									

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	01	+0	99	21	32	46	99	80	00	00	00	-L	A-1	00	-L	3	0	4	99
2		N	05.00	00	+0	99	30	46	50	99	80	00	00	00	-L	D#4	46	-L	4	0	4	60
3	C	N	01.00	00	+0	99	29	50	46	99	80	00	00	00	-L	A-1	00	-L	3	0	5	99
4		N	07.00	00	+0	90	63	00	82	82	48	00	00	00	-L	A-1	00	-L	0	0	5	91
5		N	07.00	00	+0	99	64	00	08	82	48	00	00	00	-L	D#4	46	-L	0	0	2	97
6		N	07.49	07	+0	99	77	55	00	78	78	00	00	00	-L	A-1	00	-L	0	0	4	87

POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	02	00		amp	ON	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	A.MALLET B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	07	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	FMS		
F.B	7	TRI	21	00	00	00	ON	2		
SYNC	ON									

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+0	99	25	32	45	99	80	00	00	00	-L	A-1	00	-L	3	0	3	99
2		N	05.00	00	-2	99	76	36	36	99	87	00	00	00	-L	D#4	01	-L	4	0	3	79
3	C	N	01.00	00	+0	99	25	27	46	99	80	00	00	00	-L	A-1	00	-L	3	0	5	99
4		N	07.00	00	+0	90	80	00	82	82	48	00	00	00	-L	A-1	00	-L	1	0	5	99
5		N	10.70	07	+0	99	58	00	08	82	48	00	00	00	-L	G#3	57	-L	1	0	5	99
6		F	1950.29	+0		99	49	55	00	78	75	00	00	00	-L	D 3	27	-L	7	0	0	99

POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	00	00	00	66
	range	step		pitch	OFF	OFF	OFF	ON
007	00	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

12. ELECTRIC PIANO & BREATH CONTROL BRASS
12. PIANO ELECTRIQUE & CUIVRES AVEC COMMANDE DE PRESSION
12. ELEKTRISCHES KLAVIER UND ANSATZGESTEUERTER BAß

	< NAME >		< PITCH ENVELOPE >							
	E.P.& BR A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 2	WAVE	SPD	DLY	FMD	AMD	SYNC	FMS		
F.B	7	SIN	38	33	00	00	OFF	3		
SYNC	OFF									

		< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.380	14	-7	96	23	25	65	99	75	00	00	00	-L	A-1	00	-L	3	0	3	95
2		N	01.01	01	-7	95	71	25	75	99	90	91	93	00	-L	A-1	00	-L	3	0	4	93
3	C	N	02.00	00	-7	95	60	34	70	99	80	00	00	00	-L	A-1	00	-L	3	0	7	98
4		N	13.00	00	+7	97	99	33	99	99	67	42	81	45	-L	D#3	00	-L	0	0	7	98
5	C	N	02.00	00	+0	72	78	20	57	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
6		N	02.00	00	+0	90	52	25	54	99	99	98	00	00	-L	A-1	00	-L	2	3	0	83

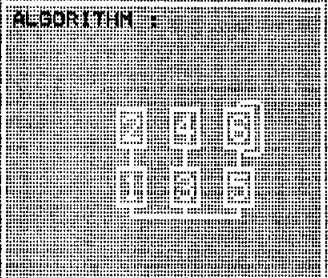
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	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	99	66
	range	step		pitch	ON	OFF	OFF	ON
007	02	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	ON	OFF

	< NAME >		< PITCH ENVELOPE >							
	E.P.& BR B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 2	WAVE	SPD	DLY	FMD	AMD	SYNC	FMS		
F.B	7	SIN	34	33	00	00	OFF	1		
SYNC	OFF									

		< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00	-7	96	23	25	71	99	75	00	00	00	-L	A-1	00	-L	3	0	2	95
2		N	01.00	00	-7	95	90	26	97	99	94	86	91	00	-L	A-1	00	-L	3	0	5	90
3	C	N	01.00	00	-7	95	48	25	60	99	94	00	00	36	-L	A 2	00	-L	3	0	4	94
4		N	11.00	00	-7	97	85	44	54	97	73	00	48	48	-L	G 3	00	-L	1	0	6	74
5	C	N	01.00	00	+0	86	99	99	57	99	99	99	00	00	-L	A-1	00	-L	3	3	0	99
6		N	01.00	00	+0	99	74	45	54	99	99	93	00	00	-L	A-1	00	-L	0	3	0	85

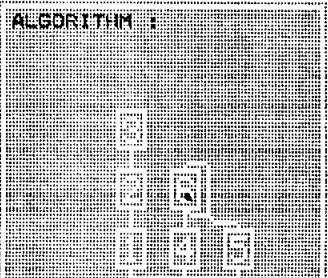
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	mode	gliss	time					
.POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	99	66
	range	step		pitch	ON	OFF	OFF	ON
007	02	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	ON	OFF

13. PIPE ORGAN
 13. ORGUE
 13. KIRCHENORGEL

	< NAME >		< PITCH ENVELOPE >							
	PIPES A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO 05		< LFO >							
MID C C 3		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B 5		TRI	36	00	00	00	OFF	3		
SYNC ON										

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	00.50	00	+0	51	15	98	46	97	99	98	00	78	+L	G#0	14	-E	2	0	0	99
2		N	00.50	00	+0	99	80	98	46	97	99	98	00	00	-L	C 1	50	-E	4	0	0	94
3	C	N	01.00	00	-1	59	15	98	51	98	99	98	00	00	-L	A-1	00	-L	4	0	0	91
4		N	07.00	00	+0	59	15	98	77	98	99	98	00	00	-L	A-1	00	-L	4	0	5	62
5	C	N	04.00	00	-1	51	15	98	46	97	99	98	00	48	-L	C#3	06	-L	4	0	0	87
6		N	08.00	00	+2	63	15	98	46	98	99	98	00	00	-L	C 1	14	-E	4	0	5	81

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >			
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	pitch	amp	EG-bias
007	05	00		00	OFF	OFF	OFF

	< NAME >		< PITCH ENVELOPE >							
	PIPES B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO 19		< LFO >							
MID C C 2		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B 7		SIN	34	33	00	00	OFF	2		
SYNC ON										

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	00.50	00	+0	45	25	25	36	99	99	98	00	63	+L	D 3	62	-L	5	0	0	99
2		N	00.50	00	+0	99	97	62	47	99	99	90	00	00	-L	A-1	00	-L	4	0	0	90
3		N	01.00	00	+0	99	97	62	47	99	99	90	00	17	+L	G 3	40	-L	5	0	0	73
4	C	N	04.00	00	+0	61	25	25	50	99	99	97	00	10	-L	A 4	10	-L	3	0	0	88
5	C	N	02.00	00	+0	61	25	25	61	99	99	93	00	00	-L	A-1	00	-L	3	0	0	97
6		N	10.00	00	+0	72	25	25	70	99	99	99	00	16	-L	G 3	52	-L	3	0	7	78

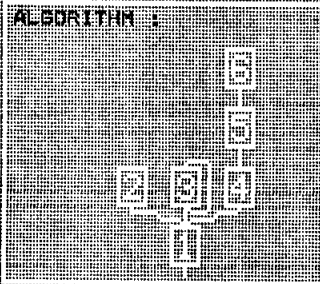
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POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	pitch	amp	EG-bias
007	05	00		00	OFF	OFF	OFF

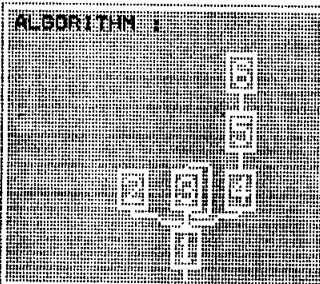
14. SYN-RISE
 14. SYN-RISE
 14. YN-RISE

ALGORITHM F				< NAME >				< PITCH ENVELOPE >														
				SYN-RISE A				R1	R2	R3	R4	L1	L2	L3	L4							
								99	40	99	99	18	50	50	50							
ALGO				09				< LFO >														
				MID C				C 3				WAVE	SPD	DLY	PMD	AMD	SYNC	FMS				
				6				TRI	35	00	00	00	ON	0								
				ON																		
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	02.00	00	+7	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	00.50	00	+7	99	99	99	25	99	99	99	00	30	-L	C#3	07	-L	0	0	0	93
3	C	N	02.00	00	-3	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	00.50	00	-2	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
5		N	00.50	00	+1	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	99	99	99	25	99	99	99	00	10	-L	C#3	10	-L	0	0	0	80
POLY /MONO		< PORTAMENTO >				< MODULATION >																
		mode gliss time																				
POLY		retai OFF 00				MOD				F.C B.C A.TCH												
LEVEL ATT		< P.BENDER >				range				53 00 00 00												
		range step				pitch				ON OFF OFF OFF												
007		12 00				amp				ON OFF OFF OFF												
						EG-bias				OFF OFF OFF OFF												

ALGORITHM I				< NAME >				< PITCH ENVELOPE >														
				SYN-RISE B				R1	R2	R3	R4	L1	L2	L3	L4							
								99	99	99	99	50	50	50	50							
ALGO				09				< LFO >														
				MID C				C 3				WAVE	SPD	DLY	PMD	AMD	SYNC	FMS				
				6				TRI	35	00	00	00	ON	0								
				ON																		
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	02.00	00	+7	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
2		N	00.50	00	+7	99	99	99	25	99	99	99	00	30	-L	C#3	07	-L	0	0	0	93
3	C	N	02.00	00	-3	50	99	99	30	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
4		N	00.50	00	-2	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
5		N	00.50	00	+1	99	99	99	25	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	99	99	99	25	99	99	99	00	10	-L	C#3	03	-L	0	0	0	80
POLY /MONO		< PORTAMENTO >				< MODULATION >																
		mode gliss time																				
POLY		retai OFF 00				MOD				F.C B.C A.TCH												
LEVEL ATT		< P.BENDER >				range				53 00 00 00												
		range step				pitch				ON OFF OFF OFF												
007		12 00				amp				ON OFF OFF OFF												
						EG-bias				OFF OFF OFF OFF												

15. CLAV.
 15. CLAV.
 15. KLAVICHORD

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >																			
	CLAV. A		R1	R2	R3	R4	L1	L2	L3	L4												
			99	99	99	99	50	50	50	50												
	ALGO	18	< LFO >																			
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS														
F.B	3	SIN	30	00	00	00	OFF	2														
SYNC	ON																					
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+1	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	00.50	00	-1	95	95	00	00	99	96	89	00	00	-L	A-1	00	-L	3	0	5	82
3		N	04.50	50	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	7	85
4		N	03.00	00	+0	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	3	81
5		N	04.00	00	-2	95	95	54	00	99	96	89	00	00	-L	A-1	00	-L	3	0	4	74
6		N	12.00	00	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	2	82
POLY /MONO		< PORTAMENTO >			< MODULATION >																	
		mode gliss time							MOD F.C B.C A.TCH													
POLY		retai OFF 00			range				53 00 00 00													
LEVEL ATT		< P.BENDER >			pitch				ON OFF OFF OFF													
		range step			amp				ON OFF OFF OFF													
007		02 00			EG-bias				OFF OFF OFF OFF													

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >																			
	CLAV. B		R1	R2	R3	R4	L1	L2	L3	L4												
			99	99	99	99	50	50	50	50												
	ALGO	18	< LFO >																			
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS														
F.B	3	SIN	30	00	00	00	OFF	2														
SYNC	ON																					
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	02.00	00	-3	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	00.50	00	-1	95	95	00	00	99	96	89	00	00	-L	A-1	00	-L	3	0	5	82
3		N	10.50	50	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	7	85
4		N	03.00	00	+0	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	3	81
5		N	04.00	00	-2	95	95	54	00	99	96	89	00	00	-L	A-1	00	-L	3	0	4	74
6		N	20.00	00	+0	98	87	00	00	87	86	00	00	00	-L	F 2	21	-L	3	0	2	82
POLY /MONO		< PORTAMENTO >			< MODULATION >																	
		mode gliss time							MOD F.C B.C A.TCH													
POLY		retai OFF 00			range				53 00 00 00													
LEVEL ATT		< P.BENDER >			pitch				ON OFF OFF OFF													
		range step			amp				ON OFF OFF OFF													
007		02 00			EG-bias				OFF OFF OFF OFF													

17. BREATH CONTROL FLUTE & STRING BELLS
 17. FLUTE AVEC COMMANDE DE PRESSION & CORDE A CLOCHES
 17. ANSATZGESTEUERTE QUERFLÖTE & STREICHER

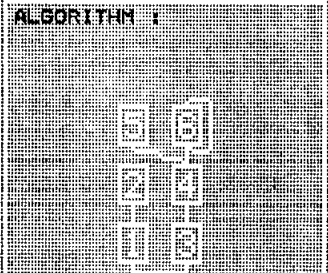
		< NAME >		< PITCH ENVELOPE >																			
		BC FLUTE		R1	R2	R3	R4	L1	L2	L3	L4												
				94	67	95	60	50	50	50	50												
		ALGO	16	< LFO >																			
		MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS													
		F.B	5	TRI	35	23	02	13	OFF	1													
		SYNC	ON																				
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+0	66	72	75	61	93	89	98	00	00	-L	D	3	00	-L	0	3	1	92
2		N	01.00	00	+2	99	97	62	54	99	99	90	00	00	-L	A-1	00	-L	4	0	0	0	69
3		N	01.00	00	+4	53	38	75	61	88	44	24	00	00	+L	G	3	00	-L	0	0	1	68
4		N	01.53	53	+0	61	25	25	60	99	99	97	00	10	-L	A	4	10	-L	3	0	0	47
5		N	02.00	00	+0	65	38	00	61	99	00	00	00	00	-L	D	4	43	-L	0	0	0	54
6		N	01.53	53	+1	99	64	98	61	99	67	52	00	00	-L	G	3	00	+L	0	0	1	84
POLY / MONO		< PORTAMENTO >			< MODULATION >																		
		mode	gliss	time					MOD	F.C	B.C	A.TCH											
POLY		retai	OFF	00																			
LEVEL ATT		< P.BENDER >			range				pitch														
		range	step					53 00 99 00															
007		02	00					ON OFF OFF OFF															
					amp				ON OFF OFF OFF														
					EG-bias				OFF OFF ON OFF														

		< NAME >		< PITCH ENVELOPE >																			
		STRINGBELL		R1	R2	R3	R4	L1	L2	L3	L4												
				99	99	99	99	50	50	50	50												
		ALGO	05	< LFO >																			
		MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS													
		F.B	7	TRI	34	40	43	00	OFF	1													
		SYNC	ON																				
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+0	37	42	17	34	99	99	74	00	99	+L	C	8	00	-E	3	3	0	99
2		N	03.00	00	+7	99	00	00	00	99	99	99	00	32	+L	C	3	00	-E	7	0	0	71
3	C	N	02.00	00	+0	99	99	36	35	99	99	00	00	00	-L	F#3	99	+L	3	3	0	99	
4		N	14.56	12	+0	99	72	31	17	00	70	00	00	99	+L	A	3	99	+L	7	0	0	99
5	C	N	01.00	00	+7	37	42	16	34	99	99	80	00	00	-L	C	1	00	-E	4	3	0	99
6		N	01.00	00	-7	99	00	00	00	99	99	99	00	00	-L	C	1	00	-E	7	0	0	77
POLY / MONO		< PORTAMENTO >			< MODULATION >																		
		mode	gliss	time					MOD	F.C	B.C	A.TCH											
POLY		retai	OFF	00																			
LEVEL ATT		< P.BENDER >			range				pitch														
		range	step					53 99 00 00															
007		02	00					ON OFF OFF OFF															
					amp				OFF OFF OFF OFF														
					EG-bias				OFF ON OFF OFF														

18. HORNS
 18. CORS
 18. HÖRNER

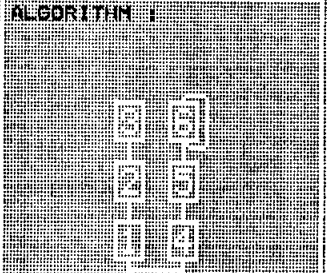
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		HORN SEC.A		R1	R2	R3	R4	L1	L2	L3	L4											
				94	67	95	99	53	49	50	50											
		ALGO	18	< LFO >																		
		MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS												
		F.B	7	TRI	31	00	00	00	OFF	1												
SYNC	ON																					
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+0	57	24	19	60	99	86	86	00	00	-L	A-1	00	-L	2	0	2	99
2		N	01.00	00	+0	37	34	15	64	85	00	00	00	00	-L	A-1	00	-L	2	0	2	67
3		N	01.00	00	+0	46	35	22	56	99	86	86	00	00	-L	A-1	00	-L	1	0	3	79
4		N	01.00	00	+0	66	92	22	50	53	61	62	00	00	-L	A-1	00	-L	0	0	1	79
5		N	03.18	06	-1	48	55	22	50	98	61	62	00	00	-L	A-1	00	-L	0	0	1	70
6		N	08.47	21	+0	77	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	1	79
POLY /MONO		< PORTAMENTO >			< MODULATION >																	
		mode gliss time																				
POLY		retai OFF 00																				
LEVEL ATT		< P.BENDER >																				
		range step																				
007		02 00																				
					range		53		00		00		00		00		00					
					pitch		ON		OFF		OFF		OFF		ON							
					amp		OFF		OFF		OFF		OFF									
					EG-bias		OFF		OFF		OFF		OFF									
		< NAME >		< PITCH ENVELOPE >																		
		HORN SEC.B		R1	R2	R3	R4	L1	L2	L3	L4											
				94	67	99	99	45	50	50	50											
		ALGO	18	< LFO >																		
		MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS												
		F.B	7	TRI	35	00	00	00	OFF	1												
SYNC	ON																					
< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+7	57	24	19	60	99	86	86	00	00	-L	A-1	00	-L	2	0	2	99
2		N	01.00	00	+7	37	34	15	64	85	00	00	00	00	-L	A-1	00	-L	2	0	1	67
3		N	01.00	00	+7	46	35	22	56	99	86	86	00	00	-L	A-1	00	-L	1	0	2	79
4		N	01.00	00	+7	66	92	22	50	53	61	62	00	00	-L	A-1	00	-L	0	0	1	79
5		N	03.18	06	+7	48	55	22	50	98	61	62	00	00	-L	A-1	00	-L	0	0	1	70
6		N	08.47	21	+7	77	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	1	79
POLY /MONO		< PORTAMENTO >			< MODULATION >																	
		mode gliss time																				
POLY		retai OFF 00																				
LEVEL ATT		< P.BENDER >																				
		range step																				
007		02 00																				
					range		56		00		00		00		00		00					
					pitch		ON		OFF		OFF		OFF		ON							
					amp		OFF		OFF		OFF		OFF									
					EG-bias		OFF		OFF		OFF		OFF									

19. DOUBLE HARP
 19. HARPE DOUBLE
 19. DOPPELHARFE

ALGORITHM I 	< NAME >		< PITCH ENVELOPE >							
	DBL.HARP A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	14	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	TRI	27	41	01	00	OFF	3		
SYNC	ON									

OP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+0	35	99	33	38	69	99	00	00	00	-L	A-1	00	-L	4	0	2	92
2		N	04.00	00	+0	99	60	39	30	99	99	00	00	00	-L	C#3	28	-L	2	0	3	82
3	C	N	01.00	00	+5	83	34	00	37	99	00	00	00	00	-L	C 1	28	-E	1	0	6	99
4		N	02.00	00	+0	99	34	26	39	99	00	00	00	14	-E	A 6	99	-L	2	0	5	82
5		N	05.00	00	+0	99	56	26	42	99	00	00	00	00	-L	C 1	56	-E	0	0	5	83
6		N	06.00	00	+1	96	89	26	46	99	00	00	00	00	-L	A-1	00	-L	0	0	4	84

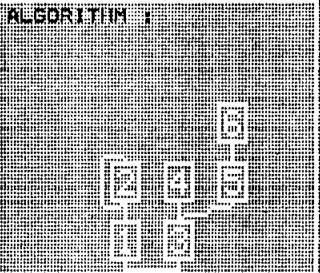
POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	05	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

ALGORITHM I 	< NAME >		< PITCH ENVELOPE >							
	DBL.HARP B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	03	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	6	SIN	34	33	00	00	DN	1		
SYNC	ON									

OP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+5	32	95	29	37	65	99	00	00	00	-L	A-1	00	-L	5	0	5	99
2		N	02.00	00	-2	95	46	32	12	99	99	00	00	08	+L	C#4	00	-L	3	0	3	76
3		N	02.00	00	-6	95	50	45	10	99	99	00	00	00	-L	G 4	37	-L	3	0	0	91
4	C	N	01.00	00	-4	74	99	23	39	81	99	00	00	00	-L	A-1	00	-L	3	0	5	99
5		N	03.00	00	+4	95	35	23	28	99	70	00	00	00	-L	C#4	35	-L	4	0	4	79
6		N	03.00	00	+1	95	48	28	24	94	79	00	00	54	-E	A 4	00	-L	7	0	3	89

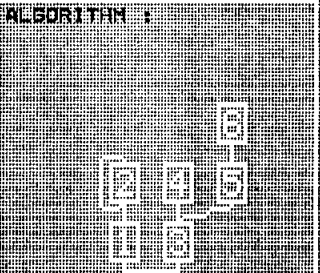
POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	05	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

20. ELECTRIC GUITAR
 20. GUITARE ELECTRIQUE
 20. E-GITARRE

ALGORITHM 	< NAME >		< PITCH ENVELOPE >							
	E.GUITAR A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	09	< LFO >							
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	6	TRI	45	00	00	00	ON	2		
SYNC	ON									

		< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	03.00	00	-3	88	60	24	48	99	87	00	00	00	-L	A-1	00	-L	5	0	0	99
2		N	01.00	00	+0	66	75	19	53	99	86	53	63	00	-L	D#3	15	-L	3	0	5	99
3	C	N	01.00	00	+0	88	82	18	67	99	92	00	00	00	-L	A-1	00	-L	4	0	3	99
4		F	4365.	64	-2	85	56	62	40	99	46	00	00	00	-L	B 2	07	-L	6	0	1	85
5		N	03.00	00	+0	66	80	14	67	99	92	00	54	00	-L	A-1	00	-L	5	0	5	94
6		N	09.00	00	+0	88	34	14	67	99	80	00	99	00	-L	G#2	35	-L	5	0	3	82

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	59	00	00	00
007	02	00		pitch	ON	OFF	OFF	OFF
				amp	ON	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

ALGORITHM 	< NAME >		< PITCH ENVELOPE >							
	E.GUITAR B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	09	< LFO >							
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	6	TRI	45	00	00	00	ON	2		
SYNC	ON									

		< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	03.00	00	-3	88	60	24	48	99	87	00	00	00	-L	A-1	00	-L	5	0	0	99
2		N	01.00	00	+0	66	75	19	53	99	86	53	63	00	-L	D#3	15	-L	3	0	5	99
3	C	N	01.00	00	+0	88	82	18	67	99	92	00	00	00	-L	A-1	00	-L	4	0	3	99
4		F	4365.	64	-2	85	56	62	40	99	46	00	00	00	-L	B 2	07	-L	6	0	1	85
5		N	03.00	00	+0	66	80	14	67	99	92	00	54	00	-L	A-1	00	-L	5	0	5	94
6		N	09.00	00	+0	88	34	14	67	99	80	00	99	00	-L	G#2	35	-L	5	0	3	82

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT	< P.BENDER > range step			range	59	00	00	00
007	02	00		pitch	ON	OFF	OFF	OFF
				amp	ON	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

21. ELECTRIC BASS
 21. BASSE ELECTRIQUE
 21. E-BAB

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	E.BASS A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
			< LFO >							
ALGO 17		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C C 3		TRI	35	00	00	00	ON	3		
F.B 7										
SYNC ON										

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+2	99	64	33	71	99	86	00	00	00	-L	A-1	00	-L	0	0	2	99
2		N	03.00	00	+5	59	99	22	71	99	86	00	00	00	-L	A-1	00	-L	5	0	5	69
3		N	00.50	00	+0	59	99	99	71	99	99	99	00	00	-L	A-1	00	-L	5	0	0	75
4		N	09.00	00	-1	59	99	41	71	99	99	00	00	00	-L	A-1	00	-L	5	0	7	63
5		N	09.00	00	+0	99	99	38	99	99	99	00	00	00	-L	A-1	00	-L	5	0	7	70
6		N	06.00	00	+0	99	99	62	99	99	99	00	00	00	-L	A-1	00	-L	4	0	5	99

POLY /MOND	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	02	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	E.BASS B		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	50	50	50	50
			< LFO >							
ALGO 16		WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
MID C C 3		TRI	35	00	00	00	OFF	3		
F.B 7										
SYNC ON										

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00	+0	95	62	17	58	99	95	32	00	57	+L	A 2	14	-L	7	0	0	99
2		N	00.50	00	+0	99	20	00	00	99	00	00	00	00	-L	D 3	00	-L	7	0	0	80
3		N	00.50	00	+0	88	96	32	30	79	65	00	00	00	-L	A-1	00	-L	6	0	3	99
4		N	05.00	00	+0	90	42	07	55	90	30	00	00	00	-L	A-1	00	-L	5	0	5	93
5		N	00.50	00	+0	99	00	00	00	99	00	00	00	75	-L	C#4	00	-L	7	0	3	62
6		N	09.00	00	+0	94	56	24	55	93	28	00	00	00	-L	A-1	00	-L	1	0	7	85

POLY /MOND	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	02	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

22. HARPSICHORD
 22. HARMONIUM
 22. HARMONIUM

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	HARPSI. A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	1	TRI	35	00	00	00	OFF	2		
SYNC	ON									

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	04.00	00	-2	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	2	89
2		N	00.50	00	+0	95	72	71	99	99	97	91	98	00	-L	A-1	00	-L	1	0	0	99
3	C	N	01.00	00	+4	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	2	85
4		N	03.00	00	+0	95	72	71	99	99	97	91	98	00	-L	C#5	46	-L	1	0	0	99
5	C	N	04.00	00	+3	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	3	0	3	83
6		N	06.00	00	+0	95	72	71	99	99	97	91	98	00	-L	C#5	55	-L	1	0	0	87

POLY /MOND	< PORTAMENTO > mode gliss time			< MODULATION >			
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	pitch	amp	EG-bias
007	00	00		00	00	00	00
				OFF	OFF	OFF	OFF
				OFF	OFF	OFF	OFF
				OFF	OFF	OFF	OFF

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	HARPSI. B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	1	TRI	35	00	00	00	OFF	2		
SYNC	ON									

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00	+0	95	28	23	50	99	90	00	00	00	-L	A-1	00	-L	3	0	4	87
2		N	01.50	50	+0	95	72	71	95	99	97	91	91	00	-L	A-1	00	-L	1	0	0	97
3	C	N	01.00	00	-1	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	4	0	5	83
4		N	03.00	00	+0	95	72	71	74	99	97	94	95	00	-L	C#5	46	-L	1	0	0	99
5	C	N	04.00	00	-1	95	28	27	47	99	90	00	00	00	-L	A-1	00	-L	5	0	3	91
6		N	06.00	00	+0	95	72	71	99	99	97	91	95	00	-L	B 3	55	-L	1	0	0	92

POLY /MOND	< PORTAMENTO > mode gliss time			< MODULATION >			
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	pitch	amp	EG-bias
007	00	00		00	00	00	00
				OFF	OFF	OFF	OFF
				OFF	OFF	OFF	OFF
				OFF	OFF	OFF	OFF

23. VIBRAPHONE
 23. VIBRAPHONE
 23. VIBRAPHON

	< NAME >		< PITCH ENVELOPE >							
	VIBES A		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	23	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	5	TRI	26	00	00	00	ON	1		
SYNC	ON									

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	04.00	00	+0	99	28	99	50	99	25	00	00	12	-L	C	3	12	+L	2	0	7	70
2	C	N	01.00	00	+0	80	85	24	50	99	90	00	00	04	-L	C	3	12	+L	2	0	5	99
3		N	03.00	00	+0	80	85	43	50	99	74	00	00	12	-L	C	3	12	+L	4	0	4	78
4	C	N	01.00	00	+6	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	0	7	99	
5	C	N	01.00	00	+7	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	0	5	99	
6		N	14.00	00	+0	99	48	99	50	99	32	00	00	12	-L	C	3	12	+L	5	0	7	62

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	range	53	00	00	00
LEVEL ATT	< P.BENDER > range step			pitch	ON	OFF	OFF	OFF
007	00	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

	< NAME >		< PITCH ENVELOPE >							
	VIBES B		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	23	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	5	SIN	19	00	18	99	ON	1		
SYNC	ON									

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	04.00	00	+0	99	28	99	50	99	25	00	00	12	-L	C	3	12	+L	2	1	7	56
2	C	N	01.00	00	+0	80	85	24	50	99	90	00	00	04	-L	C	3	12	+L	2	1	5	99
3		N	03.00	00	+0	80	85	43	50	99	74	00	00	12	-L	C	3	12	+L	4	1	6	78
4	C	N	01.00	00	+6	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	1	5	99	
5	C	N	01.00	00	+7	80	85	24	50	99	90	00	00	00	-L	A-1	00	-L	3	1	5	99	
6		N	14.00	00	+0	99	48	99	50	99	32	00	00	12	-L	C	3	12	+L	5	1	7	62

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	range	53	00	00	00
LEVEL ATT	< P.BENDER > range step			pitch	ON	OFF	OFF	OFF
007	00	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

24. BREATH CONTROL SAX & BRASS HORN
 24. SAX AVEC COMMANDE DE PRESSION & COR
 24. ANSATZGESTEUERTES SAXOPHON & POSAUNE

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	SAX BC		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	50	50	50	50
	ALGO	18	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	SIN	34	33	00	00	OFF	1		
SYNC	OFF									

OP	< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	-7	64	11	07	65	99	99	99	00	00	-L	A-1	00	-L	0	3	0	95
2		N	00.50	00	+0	95	00	25	54	99	99	99	00	00	-L	C 3	53	-L	3	1	0	75
3		N	00.50	00	+0	99	16	14	64	99	99	98	00	00	-L	A 2	00	-L	0	2	0	76
4		N	00.50	00	+0	98	14	07	64	99	99	99	00	00	-L	A-1	00	-L	0	2	0	70
5		N	05.80	16	+7	98	10	06	62	98	99	99	00	00	-L	A-1	00	-L	0	3	0	52
6		N	00.50	00	+0	90	52	25	54	99	99	99	00	00	-L	E 0	00	-L	2	0	7	99

POLY /MOND	< PORTAMENTO > mode gliss time			< MODULATION >			
POLY	retai	OFF	00	range	pitch	amp	EG-bias
LEVEL ATT	< P.BENDER > range step			53	00	99	00
007	02	00		ON	OFF	OFF	OFF
				OFF	OFF	OFF	OFF
				OFF	OFF	ON	OFF
				OFF	OFF	OFF	OFF
				OFF	OFF	ON	OFF

ALGORITHM 1 	< NAME >		< PITCH ENVELOPE >							
	BRASSHORNS		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	53	50	50	50
	ALGO	18	< LFO >							
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	TRI	35	00	05	00	OFF	1		
SYNC	ON									

OP	< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	-7	57	24	19	60	99	86	86	00	00	-L	A-1	00	-L	2	3	2	99
2		N	01.00	00	+7	37	34	15	64	85	00	00	00	00	-L	A-1	00	-L	2	0	2	67
3		N	01.00	00	+7	49	35	22	56	99	86	86	00	00	-L	A-1	00	-L	1	0	3	82
4		N	01.00	00	-7	66	92	22	50	53	61	62	00	00	-L	A-1	00	-L	0	0	1	79
5		N	03.18	06	-1	48	55	22	50	98	61	62	00	00	-L	A-1	00	-L	0	0	1	70
6		N	08.47	21	+0	77	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	1	79

POLY /MOND	< PORTAMENTO > mode gliss time			< MODULATION >			
POLY	retai	OFF	00	range	pitch	amp	EG-bias
LEVEL ATT	< P.BENDER > range step			53	99	00	00
007	02	00		ON	OFF	OFF	OFF
				OFF	OFF	OFF	OFF
				OFF	ON	OFF	OFF
				OFF	OFF	OFF	OFF

25. FM PIANO
25. PIANO FM
25. FM PIANO

ALGORITHM : < PITCH ENVELOPE >								
	FM PIANO A	R1 R2 R3 R4 L1 L2 L3 L4						
	ALGO 10	99 99 00 00 50 50 50 50						
	MID C C 3	< LFO >						
F.B 6	WAVE SPD DLY PMD AMD SYNC PMS							
SYNC OFF	TRI 99 00 00 00 00 OFF 0							

DP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00 +0	80	32	18	45	99	95	00	00	00	-L	A-1	00	-L	4	0	2	99
2		N	00.50	00 -7	99	39	21	65	99	85	00	99	05	+L	D 3	04	-L	0	0	2	88
3		N	08.00	00 +2	95	17	17	53	99	95	00	93	99	+E	B 2	68	-E	0	0	7	67
4	C	N	00.50	00 +5	95	47	21	45	99	97	00	00	00	-L	A-1	00	-E	4	0	1	99
5		N	00.50	00 +4	95	33	18	36	99	95	00	82	36	+L	C 3	09	-L	0	0	2	79
6		N	03.00	00 +7	99	49	17	22	99	95	00	99	12	+L	D#3	10	-L	0	0	2	71

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >									
POLY	retai	OFF	00	range	00	00	00	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER > range step			pitch	OFF	ON	OFF	OFF	pitch	OFF	ON	OFF	OFF
007	05	00		amp	OFF	OFF	OFF	OFF	amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF	EG-bias	OFF	OFF	OFF	OFF

ALGORITHM : < PITCH ENVELOPE >								
	FM PIANO B	R1 R2 R3 R4 L1 L2 L3 L4						
	ALGO 12	99 99 99 60 50 51 50 50						
	MID C C 2	< LFO >						
F.B 6	WAVE SPD DLY PMD AMD SYNC PMS							
SYNC DN	TRI 35 00 00 00 00 OFF 0							

DP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00 -6	73	33	15	49	99	00	00	00	99	+L	C 3	00	-L	7	0	2	99
2		N	14.40	20 +4	99	85	35	67	99	75	30	00	08	+L	F 2	04	-L	0	0	5	99
3	C	N	01.00	00 -1	75	22	08	45	99	91	00	00	00	+L	B 3	00	-L	7	0	2	99
4		N	01.00	00 +5	75	99	06	46	99	88	00	00	00	+L	D 1	08	-L	3	0	2	89
5		N	05.00	00 +7	75	21	23	72	99	88	00	99	00	+L	F#2	26	-L	5	0	4	81
6		N	21.63	03 +7	75	20	10	99	99	88	00	99	00	+L	C 1	10	-L	7	0	5	46

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >									
POLY	retai	OFF	00	range	00	00	00	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER > range step			pitch	OFF	ON	OFF	OFF	pitch	OFF	ON	OFF	OFF
007	05	00		amp	OFF	OFF	OFF	OFF	amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF	EG-bias	OFF	OFF	OFF	OFF

26. MODULATION WHEEL TIMPANI & ORCHESTRA
 26. TIMBALES AVEC MOLETTE DE MODULATION & ORCHESTRE
 26. KESSELPAUKEN UND ORCHESTER

ALGORITHM 1	< NAME >		< PITCH ENVELOPE >							
	TIMPANI MW		R1	R2	R3	R4	L1	L2	L3	L4
			98	98	75	60	50	51	50	50
	ALGO	16	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	TRI	11	00	16	00	OFF	2		
SYNC	ON									

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	00.50	00	+0	91	36	98	33	99	00	00	00	00	-L	A-1	00	-L	3	3	7	99	
2		N	00.50	00	+3	99	76	26	23	99	72	99	00	00	-L	D	3	00	-E	4	0	1	80
3		N	00.68	36	-3	99	77	26	23	99	72	00	00	00	-L	A-1	00	-E	3	0	0	85	
4		N	00.87	75	+0	65	31	17	30	99	75	00	00	00	+L	D	3	15	-L	3	0	6	87
5		N	00.50	00	+0	99	50	26	19	99	00	00	00	00	+L	F	6	00	-E	0	0	1	73
6		N	00.78	56	+0	98	02	26	27	98	00	00	00	00	-L	D	3	24	-L	4	0	1	73

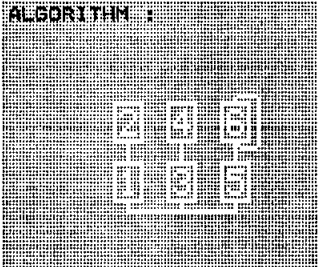
POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >			
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	pitch	amp	EG-bias
007	03	00		99	00	00	00
				OFF	OFF	OFF	OFF
				OFF	OFF	OFF	OFF
				ON	OFF	OFF	OFF

ALGORITHM 1	< NAME >		< PITCH ENVELOPE >							
	ORCHESTRA		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	02	< LFO >							
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	SIN	30	63	06	00	OFF	3		
SYNC	ON									

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+0	80	56	10	45	98	98	36	00	00	-L	A-1	00	-L	0	0	3	99
2		N	01.00	00	-6	53	46	32	61	99	93	90	00	00	-L	A-1	00	-L	0	0	0	83
3	C	N	02.00	00	+6	54	15	10	47	99	92	00	00	00	-L	A-1	00	-L	0	0	0	96
4		N	02.00	00	+0	56	74	10	45	98	98	36	00	00	-L	A-1	00	-L	0	0	0	72
5		N	02.00	00	+0	76	73	10	55	99	92	00	00	00	-L	A-1	00	-L	0	0	0	80
6		N	02.00	00	+0	72	76	10	32	99	92	00	00	00	-L	A-1	00	-L	0	0	0	82

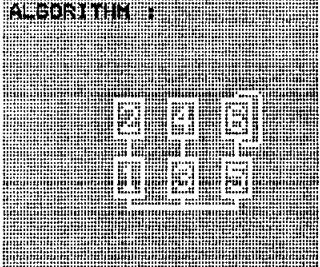
POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >			
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH
LEVEL ATT	< P.BENDER > range step			range	pitch	amp	EG-bias
007	07	00		00	00	00	00
				OFF	OFF	OFF	OFF
				OFF	OFF	OFF	OFF
				OFF	OFF	OFF	OFF

27. TIME WARP & BELL VOICE
 27. DEFORMATION TEMPORELLE & TIMBRE DE CLOCHE
 27. SPACE MUSIK & GLOCKE

ALGORITHM : 	< NAME >		< PITCH ENVELOPE >							
	TIMEWARP		R1	R2	R3	R4	L1	L2	L3	L4
			99	28	99	99	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	3	TRI	02	00	14	00	ON	3		
SYNC	ON									

DP	< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	00.50	00	+0	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
2		F	239.9	38	+7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	80
3	C	N	00.50	00	-7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
4		F	239.9	38	-4	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	80
5	C	N	00.50	00	+7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	3	0	99
6		F	234.4	37	+7	99	99	99	99	99	99	99	00	00	-L	A-1	00	-L	0	0	0	80

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER > range step			range	99	00	00	00
007	07	00		pitch	OFF	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	ON	OFF	OFF	OFF

ALGORITHM : 	< NAME >		< PITCH ENVELOPE >							
	BELL VOICE		R1	R2	R3	R4	L1	L2	L3	L4
			00	00	00	00	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	0	SIN	31	00	17	00	OFF	3		
SYNC	ON									

DP	< FREQ >				< ENVELOPE >								< KBD SCALE >				< S >					
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	02.00	00	+7	28	45	27	37	99	99	00	00	99	-L	C 3	00	-L	2	0	4	99
2		F	6.026	78	-7	75	00	00	33	99	99	00	00	21	-L	F 2	13	-L	3	0	2	99
3	C	N	02.00	00	-7	99	62	42	32	99	99	00	00	00	+L	F 2	00	-L	2	0	5	99
4		F	6761.	83	+7	99	96	65	43	99	95	00	00	00	-L	F 2	18	-L	3	0	4	99
5	C	N	02.00	00	-6	28	00	00	33	99	95	00	00	99	-L	B 2	00	-L	4	0	4	97
6		F	4.365	64	+7	32	00	10	21	99	99	00	00	27	-L	G 3	00	-L	5	0	5	99

POLY /MONO	< PORTAMENTO > mode gliss time			< MODULATION >				
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER > range step			range	53	00	00	00
007	07	00		pitch	ON	OFF	OFF	OFF
				amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

28. TUBERISE
 28. TUBERISE
 28. TUBERISE

	< NAME >		< PITCH ENVELOPE >							
	TUBERISE A		R1	R2	R3	R4	L1	L2	L3	L4
			67	95	95	60	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	4	SAW-	35	00	00	00	OFF	6		
SYNC	OFF									

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+2	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	95
2		N	03.50	75	+3	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	78
3	C	N	01.00	00	-5	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	99
4		N	03.50	75	-2	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	75
5	C	N	00.50	00	+0	69	11	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	19	12	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	98

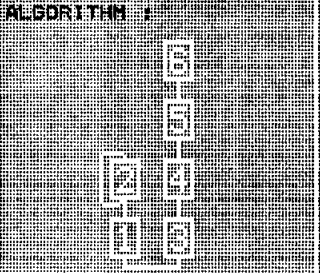
POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	07	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

	< NAME >		< PITCH ENVELOPE >							
	TUBERISE B		R1	R2	R3	R4	L1	L2	L3	L4
			67	95	95	60	50	50	50	50
	ALGO	05	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	4	SAW-	35	00	00	00	OFF	6		
SYNC	OFF									

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >										
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	N	01.00	00	+2	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	95
2		N	03.50	75	+3	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	78
3	C	N	01.00	00	-5	95	33	71	25	99	00	32	00	00	-L	A-1	00	-L	2	0	0	99
4		N	03.50	75	-2	98	12	71	28	99	00	32	00	00	-L	A-1	00	-L	2	0	0	75
5	C	N	00.50	00	+0	69	11	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	99
6		N	00.50	00	+0	19	12	71	28	99	00	32	00	00	-L	A-1	00	-L	0	0	0	98

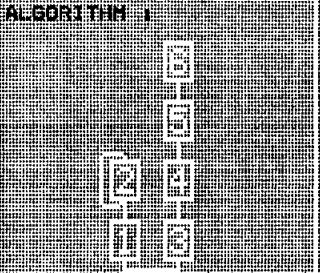
POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	07	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

29. VIOLIN ENSEMBLE
 29. ENSEMBLE DE VIOLONS
 29. VIOLINEN-ENSEMBLE

ALGORITHM 	< NAME >		< PITCH ENVELOPE >							
	VIOLINS A		R1	R2	R3	R4	L1	L2	L3	L4
			87	94	00	00	48	51	50	50
ALGO	02	< LFO >								
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	SIN	35	00	11	00	ON	1		
SYNC	OFF									

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	F	1.259	10	-1	41	25	22	45	99	97	86	00	00	-L	A-1	00	-L	4	0	2	99	
2		N	02.00	00	-7	99	00	00	30	99	98	97	00	01	+L	C	3	06	-L	1	0	0	76
3	C	N	02.00	00	-1	53	18	17	56	99	95	92	00	00	-L	A-1	00	-L	2	0	7	99	
4		N	02.00	00	+0	61	30	00	35	99	98	90	00	04	+L	G	3	13	-L	3	0	0	87
5		N	08.00	00	+3	99	49	55	46	99	90	80	00	00	-L	B	2	22	-L	2	0	2	77
6		F	2042.	31	+5	99	42	50	59	99	99	99	00	00	+L	F#2	45	-L	0	0	0	44	

POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	07	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

ALGORITHM 	< NAME >		< PITCH ENVELOPE >							
	VIOLINS B		R1	R2	R3	R4	L1	L2	L3	L4
			87	94	00	00	47	51	50	50
ALGO	02	< LFO >								
MID C	C 2	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	SIN	35	00	11	00	ON	1		
SYNC	OFF									

OP	M	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >									
		FC	FF	D		R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL	
1	C	F	1.259	10	-1	41	25	22	45	99	97	86	00	00	-L	A-1	00	-L	4	0	2	99	
2		N	02.00	00	-7	99	00	00	30	99	98	97	00	01	+L	C	3	06	-L	1	0	0	76
3	C	N	02.00	00	-1	53	18	17	56	99	95	92	00	00	-L	A-1	00	-L	2	0	7	99	
4		N	02.00	00	+0	61	30	00	35	99	98	90	00	04	+L	G	3	13	-L	3	0	0	87
5		N	08.00	00	+3	99	49	55	46	99	90	80	00	00	-L	B	2	22	-L	2	0	2	77
6		F	2042.	31	+5	99	42	50	59	99	99	99	00	00	+L	F#2	45	-L	0	0	0	44	

POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	53	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	07	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

30. KARIMBA
 30. KARIMBA
 30. CARIMBA

ALGORITHM :	< NAME >		< PITCH ENVELOPE >							
	KARIMBA A		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	50	50	50	50
			< LFO >							
ALGO		16	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
MID C		C 3	TRI	21	00	00	00	ON	2	
F.B		7								
SYNC		ON								

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F	1.000	00	+0	99	33	14	38	99	80	00	00	99	+L	E	3	00	-L	2	0	1	99
2		N	11.22	02	-2	75	45	36	19	99	87	00	00	00	+L	A-1	18	-L	2	0	6	67	
3		N	00.50	00	+0	99	30	34	46	99	80	00	00	00	-L	A-1	00	-L	0	0	7	99	
4		N	07.00	00	+0	90	67	21	82	99	85	00	00	00	-L	D#1	02	-E	0	0	7	78	
5		N	03.00	00	+0	99	64	00	08	85	48	00	00	00	-L	A#2	25	-L	0	0	4	99	
6		F	2570.	41	+0	99	82	75	00	99	87	00	00	30	-L	D	3	00	-L	0	0	1	99

POLY /MONO		< PORTAMENTO >			< MODULATION >				
		mode	gliss	time					
POLY		retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT		< P.BENDER >			range	53	00	00	00
		range	step		pitch	ON	OFF	OFF	OFF
007		06	00		amp	OFF	OFF	OFF	OFF
					EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :	< NAME >		< PITCH ENVELOPE >							
	KARIMBA B		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	50	50	50	50
			< LFO >							
ALGO		17	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS	
MID C		C 3	SIN	34	10	09	00	OFF	1	
F.B		6								
SYNC		OFF								

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F	1.000	00	+0	99	80	25	45	99	99	00	00	00	-L	A-1	00	-L	2	0	0	99	
2		N	01.00	00	-1	82	85	57	99	99	76	30	00	00	-L	D#4	00	-L	1	0	1	99	
3		N	02.00	00	-7	99	90	50	99	99	74	37	66	00	-L	D#4	00	-L	4	0	1	99	
4		F	8318.	92	+0	99	88	94	99	99	68	51	99	00	-L	A-1	00	-L	2	0	5	99	
5		N	00.50	00	+0	99	60	46	19	99	93	76	00	00	-L	A-1	00	-L	2	0	7	99	
6		N	00.50	01	-2	94	35	32	17	99	51	99	99	10	+L	E	4	00	-L	2	0	7	88

POLY /MONO		< PORTAMENTO >			< MODULATION >				
		mode	gliss	time					
POLY		retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT		< P.BENDER >			range	53	00	00	00
		range	step		pitch	ON	OFF	OFF	OFF
007		06	00		amp	OFF	OFF	OFF	OFF
					EG-bias	OFF	OFF	OFF	OFF

31. HARMOSYNTH
 31. HARMOSYNTH
 31. HARMONIKA-SYNTHESIZER

	< NAME >		< PITCH ENVELOPE >							
	HARMOSYNTH		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	03	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	TRI	41	00	00	00	ON	2		
SYNC	OFF									

OP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00 +0	83	99	99	87	99	99	99	00	00	-L	A-1	00	-L	0	0	2	99
2		N	01.00	00 +7	57	40	18	64	99	98	82	48	00	-L	A 3	01	-L	1	0	0	85
3		F	6026.	78 +0	21	46	35	71	91	82	00	00	00	-L	C 3	01	-L	0	0	0	36
4	C	F	1.000	00 +0	92	99	15	82	99	99	75	00	00	-L	A-1	00	-L	0	0	0	92
5		N	01.00	00 +0	57	99	12	65	99	99	84	00	00	-L	A-1	00	-L	0	0	3	86
6		F	2.188	34 +0	99	44	01	71	99	99	75	00	00	-L	D 3	12	-L	0	0	2	52

POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	79	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	02	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

	< NAME >		< PITCH ENVELOPE >							
	HARMOSYNTH		R1	R2	R3	R4	L1	L2	L3	L4
			99	99	99	99	50	50	50	50
	ALGO	03	< LFO >							
MID C	C 3	WAVE	SPD	DLY	PMD	AMD	SYNC	PMS		
F.B	7	TRI	41	00	00	00	ON	2		
SYNC	OFF									

OP	< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >								
	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00 +0	83	99	99	87	99	99	99	00	00	-L	A-1	00	-L	0	0	2	99
2		N	01.00	00 +7	57	40	18	64	99	98	82	48	00	-L	A 3	01	-L	1	0	0	85
3		F	6026.	78 +0	21	46	35	71	91	82	00	00	00	-L	C 3	01	-L	0	0	0	36
4	C	F	1.000	00 +0	92	99	15	82	99	99	75	00	00	-L	A-1	00	-L	0	0	0	92
5		N	01.00	00 +0	57	99	12	65	99	99	84	00	00	-L	A-1	00	-L	0	0	3	86
6		F	2.188	34 +0	99	44	01	71	99	99	75	00	00	-L	D 3	12	-L	0	0	2	52

POLY /MONO	< PORTAMENTO >			< MODULATION >				
	mode	gliss	time					
POLY	retai	OFF	00	MOD	F.C	B.C	A.TCH	
LEVEL ATT	< P.BENDER >			range	79	00	00	00
	range	step		pitch	ON	OFF	OFF	OFF
007	02	00		amp	OFF	OFF	OFF	OFF
				EG-bias	OFF	OFF	OFF	OFF

32. ORCHESTRA & TRUMPET
 32. ORCHESTRE & TROMPETTE
 32. TROMPETE & ORCHESTER

ALGORITHM 1	< NAME >		< PITCH ENVELOPE >							
	ORCHESTRAL		R1	R2	R3	R4	L1	L2	L3	L4
			94	67	95	60	50	50	50	50
ALGO 19 MID C C 2 F.B 7 SYNC ON	< LFO >									
	WAVE		SPD	DLY	FMD	AMD	SYNC	FMS		
	SIN		38	33	17	71	OFF	2		

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	F	2.042	31	-7	47	33	20	35	99	92	84	00	00	-L	A-1	00	-L	2	0	1	99	
2		N	02.00	00	-6	99	46	00	28	99	93	87	00	00	-L	C	8	00	-L	1	0	2	88
3		N	04.00	00	-7	99	34	20	35	99	92	89	00	00	-L	A-1	00	-L	2	0	0	79	
4	C	N	02.00	00	-2	37	32	24	36	99	96	92	00	00	-L	D#4	00	-L	3	0	2	85	
5	C	N	04.00	00	+0	99	60	39	45	99	96	00	00	00	-L	D#4	00	-L	1	0	2	99	
6		N	08.00	00	-1	85	63	24	25	99	96	92	00	00	-L	D#4	00	-L	3	0	1	81	

POLY /MONO		< PORTAMENTO > mode gliss time			< MODULATION >				
POLY		retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT		< P.BENDER > range step			range	53	00	00	00
007		05	00		pitch	ON	OFF	OFF	OFF
					amp	ON	OFF	OFF	OFF
					EG-bias	OFF	OFF	OFF	OFF

ALGORITHM 1	< NAME >		< PITCH ENVELOPE >							
	TOUCH TMPT		R1	R2	R3	R4	L1	L2	L3	L4
			99	67	95	60	48	52	50	52
ALGO 18 MID C C 3 F.B 7 SYNC ON	< LFO >									
	WAVE		SPD	DLY	FMD	AMD	SYNC	PMS		
	TRI		34	45	05	00	OFF	2		

< FREQ >				< ENVELOPE >				< KBD SCALE >				< S >											
OP	M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL		
1	C	N	01.00	00	+5	70	24	19	55	99	95	53	00	00	-L	A-1	00	-L	2	0	4	99	
2		N	02.10	05	-7	99	12	22	50	85	00	00	00	00	-L	F	5	96	-E	2	0	7	45
3		N	01.00	00	+0	41	12	22	50	99	95	95	00	00	-L	A-1	00	-L	5	0	2	85	
4		N	01.00	00	+0	66	76	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	4	74	
5		N	06.24	04	-1	48	12	22	50	99	61	61	00	00	-L	A-1	00	-L	5	0	0	50	
6		N	08.47	21	+0	42	56	20	70	99	00	00	00	00	-L	A-1	00	-L	7	0	3	99	

POLY /MONO		< PORTAMENTO > mode gliss time			< MODULATION >				
POLY		retai	OFF	00	MOD F.C B.C A.TCH				
LEVEL ATT		< P.BENDER > range step			range	53	00	00	00
007		02	00		pitch	ON	OFF	OFF	OFF
					amp	ON	OFF	OFF	OFF
					EG-bias	OFF	OFF	OFF	OFF

SINCE 1887  **YAMAHA**
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