PERFORMANCE NOTE

FM TONE GENERATOR TX116

YAMAHA
日本楽器製造株式会社

このパフォーマンスノートは、付属のデータによって、ＴＸ116に別売のＴＦ１をもう１台装着して演奏する時に、音色の特長を生かすための演奏上のポイントをまとめたものです。パフォーマンスの参考にして下さい。

1. アコースティックピアノ	A側のみピッチベンドがかかります。 AとBをDetuneすることにより，音に厚みをもたせています。
2. ハイストリングス	AとBをDetuneすることにより，音に厚みをもたせ After TouchとModulation Wheelでビブラート，さらに Foot Controlで音量を変化できるようになっています。
3. トランペット	同系の音で，LFOのかかり方を変化させステレオ効果を出しています。イニシャルタッチにより，音色に表情がつき，A側のみAfter Touchでビブラートがかかります。 また，長時間Key onしていると，B側のみ音が残ります。
4. 男声と女声のコーラス	女声(B)に比較して，男声(A)の方がAfter Touch，Modulation Wheelによるビブラートのかかりが深くなっています。
5. エレクトリックピアノ	A，B同じ音で，音の幅，奥行きを楽しめます。 イニシャルタッチで音色に表情がつき，Modulation Wheelによりビブラートもつきます。
6. エレクトリックオルガン	同系の音で，LFOのかかり方を変えているため，Modulation Wheelをかけた時ステレオ効果が楽しめます。
7. パワーシンセサイザー	AとBをDetuneすることにより，音に厚みをもたせ イニシャルタッチにより，音色に表情がつきます。
8. ファットシンセサイザー	その名の通りの厚いシンセ音，AとB同じ音で，音の厚みをねらっています。 Modulation Wheelでビブラートがかかります。
9. ギター	A側はジャズギター，B側はスパニッシュギター，キーボードレベルスケーリングを利用した２つの音を混合し，音域による音色の変化が楽しめます。 イニシャルタッチにより音色に表情がつき，Modulation Wheelでビブラートをかければ，さらに音が広がります。
10. チェロアンサンブル	同系の音をDetuneして重厚なストリング音を作っています。 Modulation Wheelでビブラート，イニシャルタッチをボーのかわりにして，チェロ奏者になれます。
11. A。MALLET	ピッチベンドやModulation Wheelによるビブラートは Aにのみかかり，After Touchによるビブラートは Bにのみかかります。さらに，イニシャルタッチで音色の変化を楽しめます。
12. エレクトリックピアノ ＆ ブレスコントロールブラス	エレクトリックピアノはイニシャルタッチで音色の変化を楽しめ ここで Breath Control を使うと，ブラスの音が前に飛び出してきます。ここでModulation WheelとAfter Touchで表情をつけ，合奏を楽しめます。BよりAの方が効果が大きくかかり，ステレオ効果も楽しめます。

13.	パイプオルガン	イニシャルタッチによって，AとBの音量差が楽しめ音像が左右に移動します。
14.	SYN－RISE	PEGにより音程がA→Bへ移動し，ステレオ効果を楽しめます。
15.	クラビ	AとBをDetuneすることにより，ステレオ効果をねらっています。Modulation Wheelでビブラートがかかります。
16.	TINE エレピ & ストリングス	エレピで小じんまりとした序奏の後，フットペダルを途々に加えていくと壮大なストリングスが登場し，幻想的なサウンドが楽しめます。AとBのピッチベンドレンジが違っているところも，うまく使いこなしましょう。
17.	ブレスコントロールフルート & ストリングベル	Breath Controlでフルートの独奏，Foot Controlでストリングスの伴奏がつきます。
18.	ホーン	イニシャルタッチでブラスアンサンブルを楽しめます。Modulation Wheelでビブラートがかかります。
19.	ダブルハープ	Bの音にDelayをかけて，ハープの音を構成，イニシャルタッチで音色が変化します。
20.	エレキギター	イニシャルタッチとModulation Wheel，ピッチベンダーによるエフェクトで多彩なエレキギター，ベースの音を再現できます。
21.	エレキベース	同系列の音で重厚さをねらい，イニシャルタッチで功みな弦さばき。
22.	ハプシコード	AとBをDetuneしてステレオ効果が楽しめます。
23.	バイブ	同系の音でAとBのビブラートのスピードを変化させて，音に広がりをもたせています。
24.	ブレスコントロールサックス & ブラスホーン	金管（トロンボーン風）とサックスのデュエット。Foot Controlでトロンボーン，Breath Controlでサックスをコントロールし，またどちらもModulation Wheelでビブラートがかかります。
25.	FM ピアノ	AとBをDetuneしてステレオ効果を出しています。イニシャルタッチで音色に表情が出せます。
26.	モジュレーションホイールティパニ & オーケストラ	オーケストラにModulation Wheelでティンパニーを加えAとBのピッチベンドレンジの違いも，うまく使いこなしましょう。
27.	タイムワープ & ベルボイス	Modulation Wheelでタイムワープする未来派サウンド。
28.	TUBERISE	Modulation Wheelでチャイム音にエフェクトをかけ，ステレオ効果を楽しめます。また，Key off後の残響も楽しめます。
29.	バイオリン合奏	Modulation Wheelでビブラートをかけると，下手な合奏がプロのバイオリンアンサンブルに変身します。
30.	カリンバ	民族楽器風の音です。イニシャルタッチとModulation Wheelを利用して楽しいサウンド作りをしましょう。
31.	ハーモシンセ	ハーモニカ風シンセサウンドです。Modulation Wheelでビブラートがかかります。
32.	オーケストラとトランペット	優しくひいてシンセオーケストラ，強くひいてトランペットソロ。Modulation Wheelでビブラート，トレモロがかかります。AとBのピッチベンドレンジの違いも利用しましょう。

※ Foot ControlはDX７のリアパネルの Foot Modulation 端子に差し込んでください。

データ集

1. このデータ集は、ＴＸ116に別売のＴＦ１をもう１台装着した時に、その機能をフルに生かした、音色のアイディアを表にまとめたものです。バックアップやエディットの参考にして下さい。

   各ページとも上段のデータ（Ａグループ）と下段のデータ（Ｂグループ）を合わせて１つのパフォーマンスデータになっています。

   工場出荷時、ＴＸ116に付属のＴＦ１にはＡグループのデータが、また別売ＴＦ１には全てＢグループのデータがロードされています。別売のＴＦ１を１台追加するとすぐにこれらのデータで演奏することができます。

2. これらのデータは、ＭＩＤＩキーボードとしてＤＸ７を接続する場合を想定して作られています。ＤＸ７の機能を充分に使っているため、フットコントローラー（ＦＣ－３Ａ）やブレスコントローラー（ＢＣ－1）を用いないと、音が出ない音色もあります。

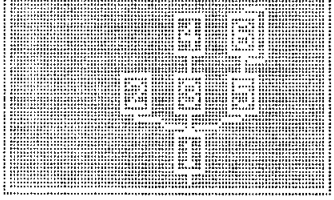
   FOOT CONTROL の MODULATION 端子に フットコントローラーＦＣ－３Ａ、BREATH CONTROL 端子に、ブレスコントローラーＢＣ－１を接続して、演奏されることをお勧めします。

3. このデータ集の各音色のファンクションで、モジュレーションホイール、フットコントロール、ブレスコントロール、アフタータッチのレンジの値は、ＤＸ７にあわせて０～99となっておりますが、実際にＴＦ１ではこれを下表のように０～15の範囲に変換しております。

ＴＦ１	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

1. アコースティックピアノ

ALGORITHM :



< NAME >
ACC. PIANO

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	49	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

		< 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	23	17	46	99	79	00	00	00	-L	D#2	00	-L	6	0	4	99
2		F	74.13	87	+0	66	61	64	55	99	82	00	00	20	-L	A 7	00	-L	1	0	2	80
3		N	01.00	00	-1	65	15	13	43	99	88	00	00	00	-L	C 4	95	-L	3	0	1	77
4		N	04.00	00	+1	64	14	11	43	99	88	00	00	00	+L	C 0	87	-E	6	0	1	77
5		N	20.00	00	+2	72	16	00	42	99	92	00	00	20	-L	G#0	84	-L	4	0	3	72
6		N	08.00	00	+7	94	19	00	42	99	92	00	00	08	+L	B 1	00	-L	0	0	1	58

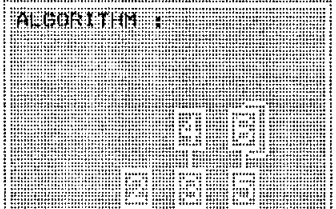
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	19	00	00	86
pitch	ON	OFF	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF

ALGORITHM :



< NAME >
ACC. PIANO

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	49	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

		< 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	70	23	17	46	99	79	00	00	00	-L	D#2	00	-L	6	0	3	99
2		F	74.13	87	+7	66	61	64	55	99	82	00	00	20	-L	A 7	00	-L	1	0	2	80
3		N	01.00	00	+3	65	15	13	43	99	88	00	00	00	-L	F 2	09	-L	3	0	1	77
4		N	05.00	00	+5	64	14	11	43	99	88	00	00	00	+L	C 0	87	-E	6	0	1	77
5		N	20.00	00	+7	72	16	00	42	99	92	00	00	20	-L	G#0	84	-L	4	0	3	72
6		N	08.00	00	+0	94	19	00	42	99	92	00	00	08	+L	B 1	00	-L	0	0	1	58

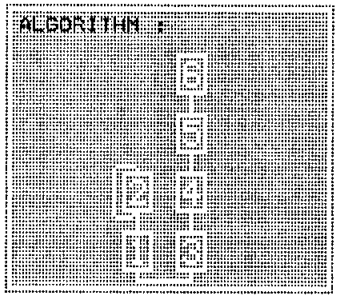
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	99
pitch	OFF	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

2. ハイストリングス



< NAME >
HI STRINGS

ALGO	02
MID C	G#1
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	17	00	OFF	2

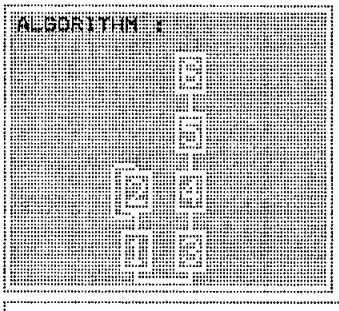
		< FREQ >			< ENVELOPE >							< KBD SCALE >					< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00	+2	46	33	20	46	99	92	84	00	00	-L	A-1	00	-L	2	3	1	99
2		N	05.00	00	+6	99	46	00	44	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
3	C	F	1.000	00	+3	46	33	20	43	99	92	84	00	00	-L	A-1	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 > mode	gliss	time
POLY	retai	OFF	01

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	99	00	86
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF



< NAME >
HI STRINGS

ALGO	02
MID C	G#1
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	17	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	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 > mode	gliss	time
POLY	retai	OFF	00

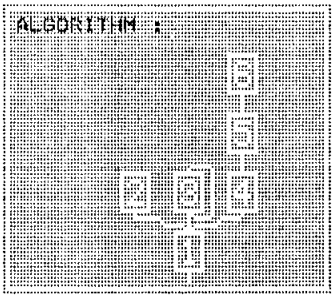
LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	99	00	86
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

3. トランペット

ALGORITHM :



< NAME >
TRUMPET A

ALGO	18
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	67	95	60	49	51	50	52

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	34	45	06	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	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

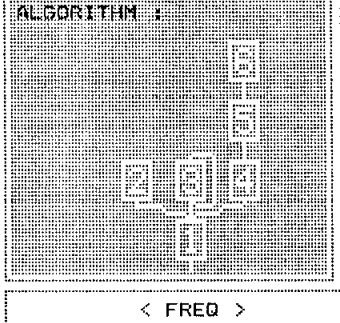
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	86
pitch	ON	OFF	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF

ALGORITHM :



< NAME >
TRUMPET B

ALGO	18
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
86	67	95	99	52	49	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	5

		< 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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

4. 男声と女声のコーラス

ALGORITHM :

< NAME >
MALE CHOIR

ALGO	29
MID C	C 2
F.B	0
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
75	80	75	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	35	33	36	38	OFF	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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

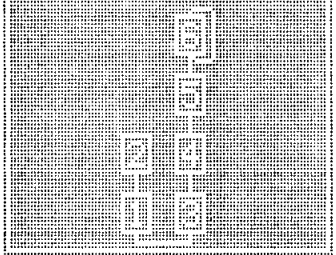
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	53
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
FEM. CHOIR

ALGO	01
MID C	C 3
F.B	4
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
18	25	99	99	49	49	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	39	35	91	02	OFF	1

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	53
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

5. エレクトリックピアノ

ALGORITHM :

< NAME >
ELEC.PNO A

ALGO	05
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	15	33	00	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	+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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF

ALGORITHM :

< NAME >
ELEC.PNO B

ALGO	05
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	15	33	00	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	+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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF

6. エレクトリックオルガン

ALGORITHM :

< NAME >
E.ORGAN A

ALGO	31
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	40	00	00	00	OFF	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	00.50	01	+0	99	80	22	90	99	99	99	00	00	-L	A-1	00	-L	0	1	0	99
2	C	N	01.00	00	+1	99	20	22	90	99	99	97	00	00	-L	A-1	10	-L	0	1	0	99
3	C	N	01.50	50	+4	99	80	54	82	99	99	99	00	00	-L	A-1	00	-L	0	1	0	99
4	C	N	03.00	00	+7	99	59	99	90	99	70	70	00	00	-L	A-1	00	-L	0	0	0	99
5	C	N	02.00	00	+7	99	54	22	90	99	75	99	00	00	-L	A-1	00	-L	0	0	0	64
6		F	1995.	30	+7	99	84	22	90	99	00	00	00	00	-L	A-1	00	-L	0	0	0	99

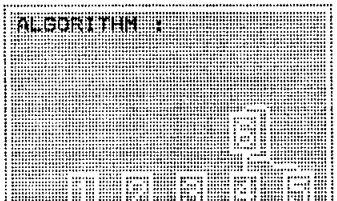
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	19	00	00
pitch	ON	ON	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
E.ORGAN B

ALGO	25
MID C	C 3
F.B	1
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	12	00	00	00	OFF	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	00.50	00	+7	95	99	99	90	99	99	99	00	00	-L	A-1	00	-L	0	0	0	99
2	C	N	01.00	00	-7	99	99	22	90	99	99	97	00	00	-L	A-1	10	-L	0	0	0	99
3	C	N	01.50	50	+4	99	99	99	82	99	99	99	00	00	-L	A-1	00	-L	0	0	3	99
4	C	N	04.08	02	+1	91	57	99	90	99	85	85	00	00	-L	A-1	00	-L	0	0	3	76
5	C	N	01.00	00	+2	99	99	99	90	99	99	99	00	00	-L	A-1	00	-L	0	0	4	96
6		N	04.00	00	-7	99	99	99	90	99	99	99	00	00	-L	A-1	00	-L	0	0	0	62

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

7. パワーシンセサイザー

ALGORITHM :

< NAME >
POWERSYN A

ALGO	07
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	44	00	00	00	ON	3

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :

< NAME >
POWERSYN B

ALGO	07
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	44	00	00	00	ON	3

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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 > mode	gliss	time
POLY	retai	OFF	00

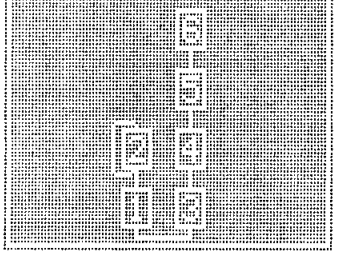
LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

8. ファットシンセサイザー

ALGORITHM :



< NAME >
FATSYNTH A

ALGO	02
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	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

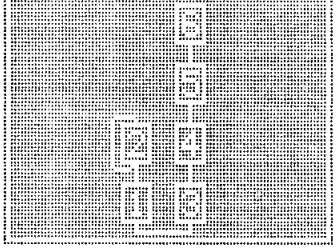
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
FATSYNTH B

ALGO	02
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

9. ギター

ALGORITHM :

< NAME >
JAZZ GUITR

ALGO	08
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
75	80	75	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	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

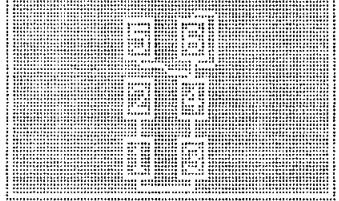
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	01	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
SPANISHGTR

ALGO	14
MID C	C 3
F.B	4
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
98	98	75	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	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 /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	01	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

10. チェロアンサンブル

ALGORITHM :

< NAME >
CELLOS A

ALGO	15
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	33	10	36	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	+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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :

< NAME >
CELLOS B

ALGO	15
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	33	10	36	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	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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

11. A. MALLET

ALGORITHM :

< NAME >
A.MALLET A

ALGO	07
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	21	00	00	00	ON	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	01.01	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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :

< NAME >
A.MALLET B

ALGO	07
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	21	00	00	00	ON	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	+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	40	-L	D 3	27	-L	7	0	0	99

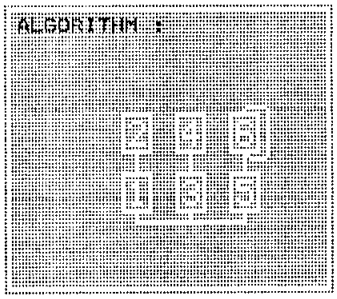
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	66
pitch	OFF	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

12. エレクトリックピアノ&ブレスコントロールブラス



< NAME >
E.P.& BR A

ALGO	05
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

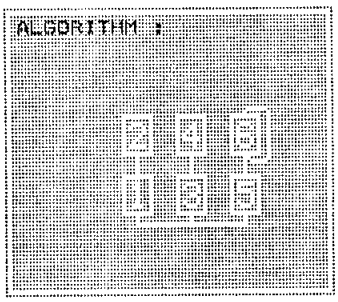
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	00	00	OFF	3

		< 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	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

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	99	66
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF



< NAME >
E.P.& BR B

ALGO	05
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	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	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

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	99	66
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF

13. パイプオルガン

ALGORITHM :

< NAME >
PIPES A

ALGO	05
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	36	00	00	00	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	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
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :

< NAME >
PIPES B

ALGO	19
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	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	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

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

14. SYN−RISE

ALGORITHM :

< NAME >
SYN-RISE A

ALGO	09
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	40	99	99	18	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

OP		M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	12	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :

< NAME >
SYN-RISE B

ALGO	09
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

OP		M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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

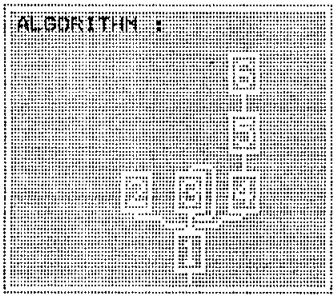
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	12	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

15. クラビ



< NAME >
CLAV. A

ALGO	18
MID C	C 3
F.B	3
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

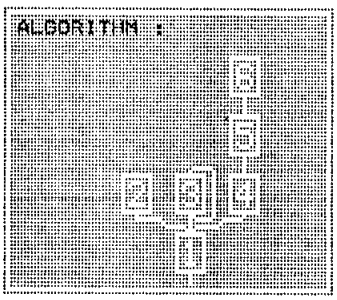
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	30	00	00	00	OFF	2

		< 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	+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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >				
	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
CLAV. B

ALGO	18
MID C	C 3
F.B	3
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	30	00	00	00	OFF	2

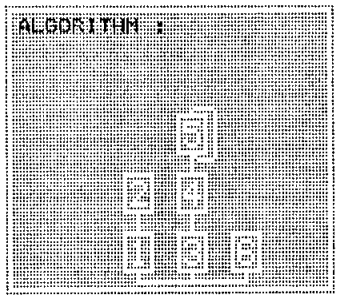
		< FREQ >			< ENVELOPE >								< KBD SCALE >				< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	02.00	00	-3	95	92	28	60	99	90	00	00	00	-L	A-1	00	-L	3	0	7	99
2		N	00.50	00	-1	95	95	00	00	99	96	89	00	00	-L	A-1	00	-L	3	0	5	82
3		N	10.50	50	+0	98	87	00	00	87	86	00	00	00	-L	F 2	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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >				
	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

16. TINEエレピ&ストリングス



< NAME >
TINE E.PNO

ALGO	28
MID C	C 3
F.B	6
SYNC	OFF

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

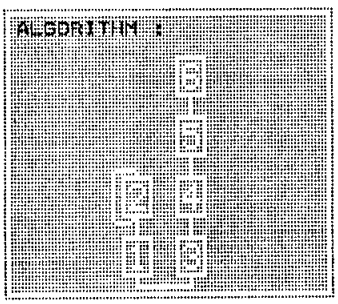
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	0

		< 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	1.023	01	+0	97	50	17	67	99	98	00	00	00	-L	A-1	00	-L	2	0	1	99
2		N	01.00	00	-1	99	68	17	90	99	90	00	99	00	-L	C 3	08	-L	2	0	2	89
3	C	F	1.622	21	+0	97	50	17	61	99	98	00	00	00	-L	A-1	00	-L	2	0	1	99
4		N	01.00	00	+2	99	68	17	57	99	90	00	00	00	-L	G 3	44	-L	0	0	2	90
5		F	4677.	67	+0	99	78	36	89	99	62	00	99	12	-L	C 3	56	+L	0	0	6	57
6	C	N	08.95	79	+0	92	86	99	99	99	00	00	00	00	-L	D#3	00	-L	2	0	2	99

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
STRING PAD

ALGO	02
MID C	G#1
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	38	33	17	00	OFF	1

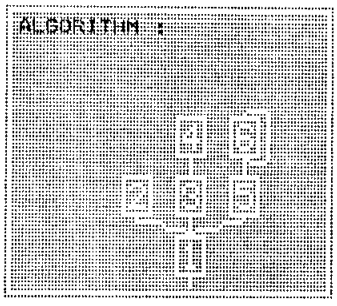
		< FREQ >			< ENVELOPE >								< KBD SCALE >					< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	F	1.000	00	-7	46	33	20	35	99	92	84	00	00	-L	A-1	00	-L	2	3	1	99
2		N	02.50	25	-6	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	1	0	1	84
3	C	F	1.000	00	-7	46	33	20	35	99	92	84	00	00	-L	A-1	00	-L	2	3	0	99
4		N	02.50	25	+7	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	7	0	1	84
5		N	02.50	25	+0	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	1	0	0	77
6		N	05.00	00	-1	99	46	00	28	99	93	87	00	00	-L	D#4	00	-L	1	0	0	71

POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	99	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

17. ブレスコントロールフルート&ストリングベル



< NAME >
BC FLUTE

ALGO	16
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	23	02	13	OFF	1

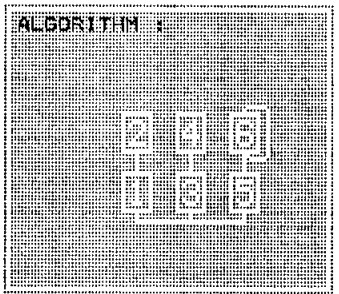
		< FREQ >			< ENVELOPE >								< KBD SCALE >					< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+0	66	72	75	61	93	89	98	00	00	-L	D 3	00	-L	0	3	1	92
2		N	01.00	00	+2	99	97	62	54	99	99	90	00	00	-L	A-1	00	-L	4	0	0	69
3		N	01.00	00	+4	53	38	75	61	88	44	24	00	00	+L	G 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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	ON
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF



< NAME >
STRINGBELL

ALGO	05
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	34	40	43	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	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

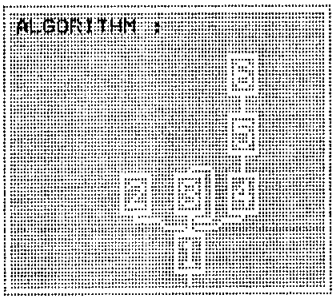
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	99	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

18. ホーン



< NAME >
HORN SEC.A

ALGO	18
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	99	53	49	50	50

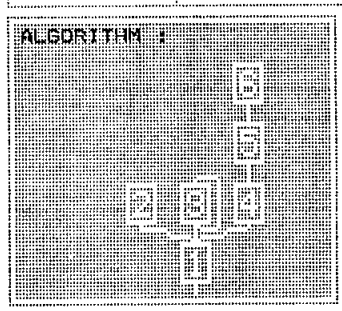
< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	31	00	00	00	OFF	1

		< 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	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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
HORN SEC.B

ALGO	18
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >							
R1	R2	R3	R4	L1	L2	L3	L4
94	67	99	99	45	50	50	50

< LFO >						
WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	1

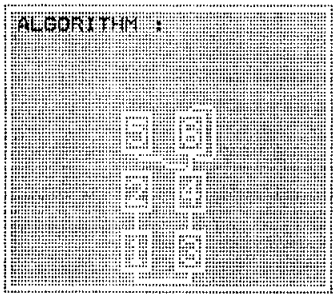
		< FREQ >			< ENVELOPE >								< KBD SCALE >					< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+7	57	24	19	60	99	86	86	00	00	-L	A-1	00	-L	2	0	2	99
2		N	01.00	00	+7	37	34	15	64	85	00	00	00	00	-L	A-1	00	-L	2	0	1	67
3		N	01.00	00	+7	46	35	22	56	99	86	86	00	00	-L	A-1	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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >	MOD	F.C	B.C	A.TCH
range	56	00	00	00
pitch	ON	OFF	OFF	ON
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

19. ダブルハープ



< NAME >

DBL.HARP A

ALGO	14
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	27	41	01	00	OFF	3

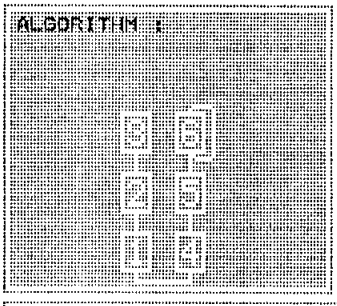
		< FREQ >			< ENVELOPE >								< KBD SCALE >				< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	01.00	00	+0	35	99	33	38	69	99	00	00	00	-L	A-1	00	-L	4	0	2	92
2		N	04.00	00	+0	99	60	39	30	99	99	00	00	00	-L	C#3	28	-L	2	0	3	82
3	C	N	01.00	00	+5	83	34	00	37	99	00	00	00	00	-L	C 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 > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >

DBL.HARP B

ALGO	03
MID C	C 3
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	00	ON	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	+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 > mode	gliss	time
POLY	retai	OFF	00

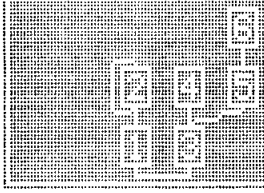
LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

20. エレキギター

ALGORITHM :



< NAME >
E.GUITAR A

ALGO	09
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	45	00	00	00	ON	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	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

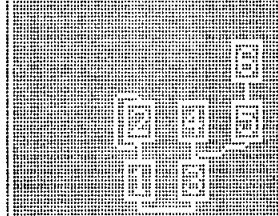
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	59	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
E.GUITAR B

ALGO	09
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	45	00	00	00	ON	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	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
POLY	retai	OFF	00

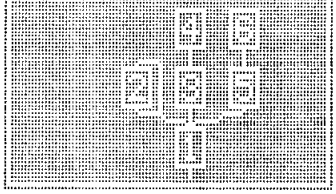
LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	59	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

21. エレキベース

ALGORITHM :



< NAME >
E.BASS A

ALGO	17
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	ON	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	+2	99	64	33	71	99	B6	00	00	00	-L	A-1	00	-L	0	0	2	99
2		N	03.00	00	+5	59	99	22	71	99	B6	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 /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :

< NAME >
E.BASS B

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	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	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 /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

22. ハプシコード

ALGORITHM :

< NAME >
HARPSI. A

ALGO	05
MID C	C 3
F.B	1
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	2

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
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

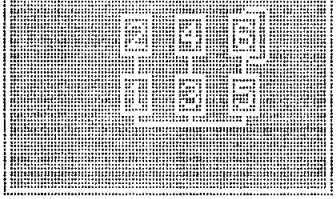
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
HARPSI. B

ALGO	05
MID C	C 3
F.B	1
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	2

OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
		< FREQ >				< ENVELOPE >								< KBD SCALE >						< S >		
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

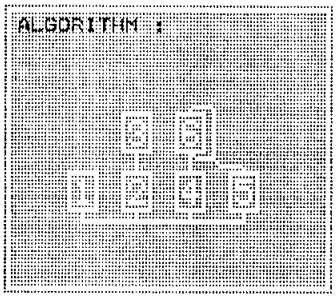
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

23. バイブ



< NAME >
VIBES A

ALGO	23
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	26	00	00	00	ON	1

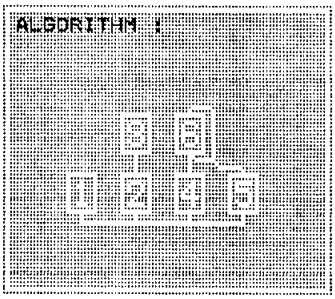
OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > M	V	TL
1	C	N	04.00	00	+0	99	28	99	50	99	25	00	00	12	-L	C 3	12	+L	2	0	7	70
2	C	N	01.00	00	+0	80	85	24	50	99	90	00	00	04	-L	C 3	12	+L	2	0	5	99
3		N	03.00	00	+0	80	85	43	50	99	74	00	00	12	-L	C 3	12	+L	4	0	4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

LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF



< NAME >
VIBES B

ALGO	23
MID C	C 3
F.B	5
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	19	00	18	99	ON	1

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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
POLY	retai	OFF	00

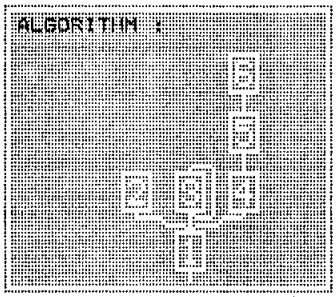
LEVEL ATT	< P.BENDER > range	step
007	00	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

24. ブレスコントロールサックス&ブラスホーン

ALGORITHM :



< NAME >
SAX BC

ALGO	18
MID C	C 3
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	33	00	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	-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

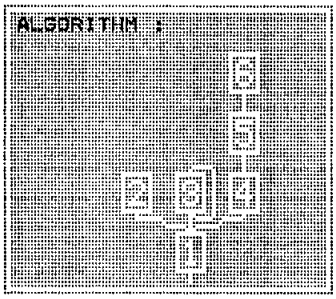
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	99	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	ON	OFF

ALGORITHM :



< NAME >
BRASSHORNS

ALGO	18
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	53	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	05	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	-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 /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

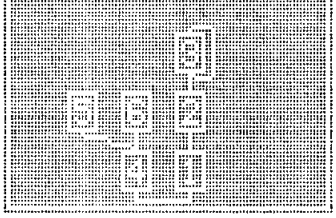
LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	99	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	ON	OFF	OFF

25. FMピアノ

ALGORITHM :



< NAME >
FM PIANO A

ALGO	10
MID C	C 3
F.B	6
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	00	00	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	99	00	00	00	OFF	0

		< 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	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

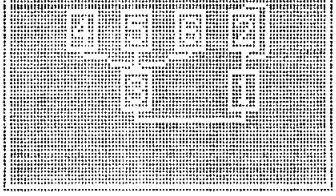
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	ON	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
FM PIANO B

ALGO	12
MID C	C 2
F.B	6
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	60	50	51	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	35	00	00	00	OFF	0

		< 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	-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

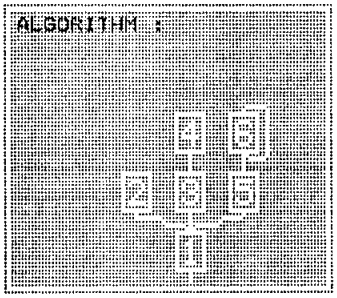
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	ON	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

26. モジュレーションホイールティンパニー&オーケストラ



< NAME >
TIMPANI MW

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
98	98	75	60	50	51	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	11	00	16	00	OFF	2

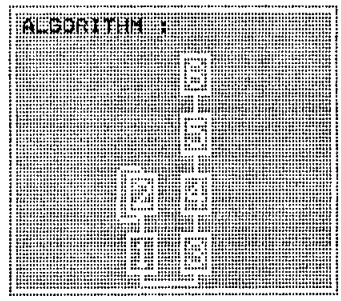
		< FREQ >			< ENVELOPE >								< KBD SCALE >					< S >		
OP		M	FC	FF	D	R1	R2	R3	R4	L1	L2	L3	L4	LD	LC	BP	RD	RC	R	M	V	TL
1	C	N	00.50	00	+0	91	36	98	33	99	00	00	00	00	-L	A-1	00	-L	3	3	7	99
2		N	00.50	00	+3	99	76	26	23	99	72	99	00	00	-L	D 3	00	-E	4	0	1	80
3		N	00.68	36	-3	99	77	26	23	99	72	00	00	00	-L	A-1	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
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	03	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	99	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF



< NAME >
ORCHESTRA

ALGO	02
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	30	63	06	00	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	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
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	00	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

27. タイムワープ&ベルボイス

ALGORITHM :

< NAME >
TIMEWARP

ALGO	05
MID C	C 3
F.B	3
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	28	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	02	00	14	00	ON	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	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

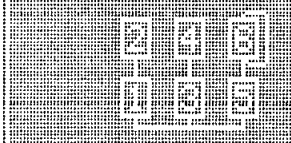
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	99	00	00	00
pitch	OFF	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	ON	OFF	OFF	OFF

ALGORITHM :



< NAME >
BELL VOICE

ALGO	05
MID C	C 3
F.B	0
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
00	00	00	00	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	31	00	17	00	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	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
POLY	retai	OFF	00

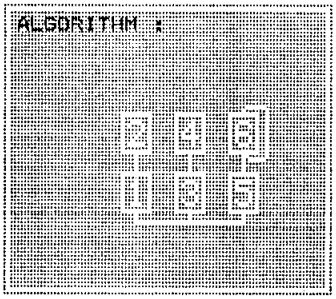
LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

28. TUBERISE

ALGORITHM :



< NAME >
TUBERISE A

ALGO	05
MID C	C 3
F.B	4
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
67	95	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SAW-	35	00	00	00	OFF	6

			< 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

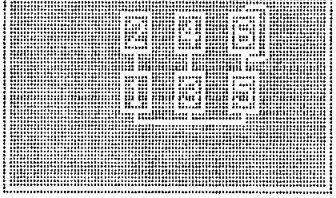
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
TUBERISE B

ALGO	05
MID C	C 3
F.B	4
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
67	95	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SAW-	35	00	00	00	OFF	6

			< 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 > mode	gliss	time
POLY	retai	OFF	00

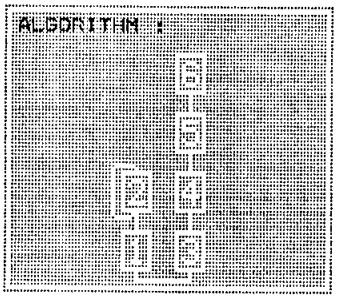
LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

29. バイオリン合奏

ALGORITHM :



< NAME >
VIOLINS A

ALGO	02
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
87	94	00	00	48	51	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	35	00	11	00	ON	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	1.259	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

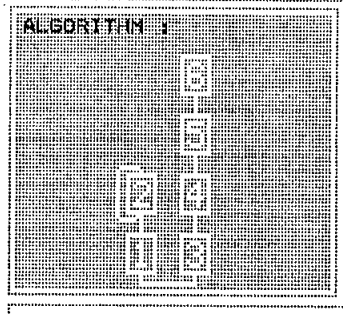
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
VIOLINS B

ALGO	02
MID C	C 2
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
87	94	00	00	47	51	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	35	00	11	00	ON	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	1.259	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 > mode	gliss	time
POLY	retai	OFF	00

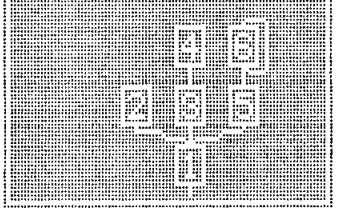
LEVEL ATT	< P.BENDER > range	step
007	07	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

30. カリンバ

ALGORITHM :



< NAME >
KARIMBA A

ALGO	16
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	21	00	00	00	ON	2

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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

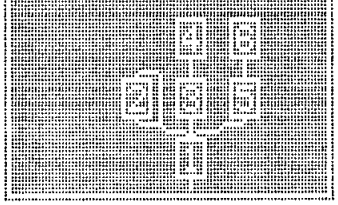
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	06	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
KARIMBA B

ALGO	17
MID C	C 3
F.B	6
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
SIN	34	10	09	00	OFF	1

OP		< FREQ > M	FC	FF	D	< ENVELOPE > R1	R2	R3	R4	L1	L2	L3	L4	< KBD SCALE > LD	LC	BP	RD	RC	R	< S > 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 > mode	gliss	time
POLY	retai	OFF	00

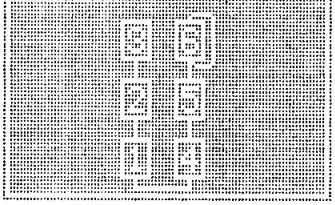
LEVEL ATT	< P.BENDER > range	step
007	06	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

31. ハーモシンセ

ALGORITHM :



< NAME >
HARMOSYNTH

ALGO	03
MID C	C 3
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	41	00	00	00	ON	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	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

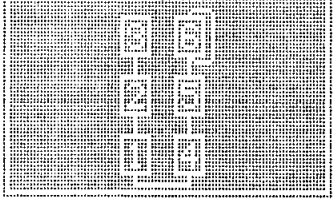
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	79	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
HARMOSYNTH

ALGO	03
MID C	C 3
F.B	7
SYNC	OFF

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	99	99	99	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
TRI	41	00	00	00	ON	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	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 > mode	gliss	time
POLY	retai	OFF	00

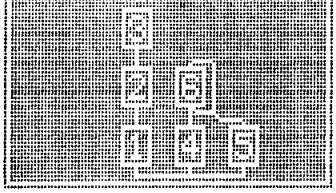
LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	79	00	00	00
pitch	ON	OFF	OFF	OFF
amp	OFF	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

32. オーケストラとトランペット

ALGORITHM :



< NAME >
ORCHESTRAL

ALGO	19
MID C	C 2
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
94	67	95	60	50	50	50	50

< LFO >

WAVE	SPD	DLY	PMD	AMD	SYNC	PMS
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

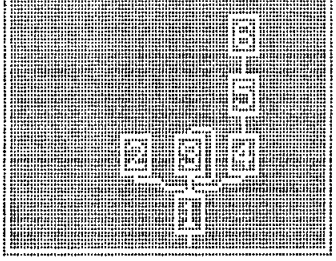
POLY /MONO	< PORTAMENTO > mode	gliss	time
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	05	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF

ALGORITHM :



< NAME >
TOUCH TMPT

ALGO	18
MID C	C 3
F.B	7
SYNC	ON

< PITCH ENVELOPE >

R1	R2	R3	R4	L1	L2	L3	L4
99	67	95	60	48	52	50	52

< LFO >

WAVE	SPD	DLY	PMD	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
POLY	retai	OFF	00

LEVEL ATT	< P.BENDER > range	step
007	02	00

< MODULATION >

	MOD	F.C	B.C	A.TCH
range	53	00	00	00
pitch	ON	OFF	OFF	OFF
amp	ON	OFF	OFF	OFF
EG-bias	OFF	OFF	OFF	OFF