





Presentation





Patch bank browser

Multi-layered sound editor +| Studio electronics C.O.D.E.

1REVELATION 1-8	17WHEN THEY DOUBT	33 MY LOVELY REED	49ANOFAZED
2WHIRLY BIRD	18IF IT'S STEVIE	34MY LOVELY REEDA	50HIGH DESERT SAGE
3WHIRLY BIRD CP30	19 IF IT'S STEVIE 2	35LOU'S REED	51 JEFFREY'S DANCE
4WHIRLY FIRE BIRD		36FORGOTTEN PAINS	52PRIMITIV NOTION
5WHIP_IT_FADE-IN	21 SENIL'S SYNTHI	37RITUAL MEMORY	53BOOM DA BASS
6SINATRALIKEBUZZ	22I AM SINGLE	38LOCAL STRANGS	54GMF MESSAGE B Ø8
7SLINKI'S MOOD	23DELAYED REALITY	39SWEPTUP	55I AM SINGING Ø8
8ZIMMERMAN'S STAB		400BIE STRINGS	56BAD BAD THANG
9BEETLE BOX	250DE2DAP5WAHSWEEP	41UILLAGE STRINGS	57PROUD TO BE PHAT
10 BEETLE BOX MINI	26 TOUCH THAA SKY	42UILLAGE STRINGS2	58ISN'T SHE LOVELY
11BEETLE BOX MOVER	27MY LOUELY HORN	43 ORGANY KAOS	59SUPERSTORM DECAY
12 ROYAL BLOOD LINE	28 MY LOVELY HORN 2	44STELLAR FARFISA	60NEWS 4 CARMEN
13SWEET MURCHIE	29 ETEVIEN	45PIGALLE PARTY	61REPRISAL FRAME
14SWEET MURCHIED	30CS-80 220 HORNS	46HUBBLE'S TELE	62LATENT ECHO
15 HIT & RUN '08	31JP INFORMED	47MELLOTRON MSR 08	63 OVERTONED
16USEMODWHEEL&ARPG	32CHOCHOLATE TOUCH	48ANODAZED	64THAT'S SWELL GUY
1 . REVELATIO			of yourcode@free.fr
uni:Off octav			
voice:EIGH prior		4 On Off On 67	
		6 On Off On 57	
	OFF Onoise	_ cutoff:23_	
	=100%	Env1 amt:117	
midi clock : Off	voice : P	oly : Off	¦ midi in : _

With the mouse or using the direction arrows of your computer's keyboard, it's quick and easy to browse a patch bank. The patch selection on the synth is set accordingly in real time. The current position is highlighted in the list. The bottom of the page gives an overview of the main sound parameters and are editable.

Lots of creative functions are available in this view : patch init (in 4 different methods), patch rename, patch reorganization, mix 2 patches together to create a new sound, unload a patch as a sysex file, load a sysex file (single patch or a full bank), manage midi clock, ...

Patch sound parameters

Multi-layered sound editor + Studio electronics C.O.D.	E
1 . REVELATION 1-8	
voice:EIGH prior:LOW 127 osc1	
lfo dest1 dest2 dest3 rate way	ve mode sync key gun ¦ wave : TRI
1 FILT=31 RESO=3 PW1 =4 21 TR 2 FRE1=1 PW2 =8 RESO=5 94 TR Ev3 LF1R=100 OFF =0 OFF =0	
	Envelopes 123 1: 0 55 127
dest1 dest2 dyn modwh1 : FILT=74 LF2R=4 d10	
modwhl : FILT=74 LF2R=4 dl dynamics : PW2 =11 LEV1=5 Atl	
bender : 1&2F=2 FILT=0 Dec	: 99 0 92 5: 0 52 127
pressure : OFF =0 OFF =0 Dk2	
cont1[MODW]: XMOD=14 FILT=3 Sus cont2[TRAK]: PW1 =3 LEV2=-7 Re	
	sando : Off dyna sensitivity: Ø glide: Off auto interval : Ø
	Poly: Off midi in : _

This page displays all the sound parameters of a patch and let them edit all. Use the midi learn function to assign the sound parameters you want to your control surface, preferably those hidden in menus. This allow you create sounds in an intuitive way, without using menus on the synth's front panel, all in real time, and while playing.

CHIEF remains synced with the synth in real time by the mean of sysex dialog. All edits are captured and replicated to the synth, several times by second. Thanks to Studio electronics to have equipped the C.O.D.E with a fast and stable MIDI engine.

Patch rename function

Multi-layered sound editor +| Studio electronics C.O.D.E.

1REVELATION 1-8	17WHEN THEY DOUBT	33 MY LOVELY REED	49 ANOFAZED
2WHIRLY BIRD	18 IF IT'S STEVIE	34 MY LOVELY REEDA	50HIGH DESERT SAGE
3WHIRLY BIRD CP30	19 IF IT'S STEVIE 2	35LOU'S REED	51 JEFFREY'S DANCE
4WHIRLY FIRE BIRD	20MAGIC HIGH PASS	36 FORGOTTEN PAINS	52PRIMITIU NOTION
5WHIP IT FADE-IN	21SENIL'S SYNTHI	37RITUAL MEMORY	53BOOM DA BASS
6 SINATRALIKEBUZZ	22I AM SINGLE	38LOCAL STRANGS	54GMF MESSAGE B 08
7SLINKI'S MOOD	23DELAYED REALITY	39SWEPTUP	55I AM SINGING 08
8ZIMMERMAN'S STAB	24LEARNING EFFECT	400BIE STRINGS	56BAD BAD THANG
9BEETLE BOX	250DE2DAP5WAHSWEEP	41UILLAGE STRINGS	57PROUD TO BE PHAT
10BEETLE BOX MINI	26 TOUCH THAA SKY	42UILLAGE STRINGS2	58 ISN'T SHE LOVELY
11 BEETLE BOX MOVER	27MY LOVELY HORN	43 ORGANY KAOS	59SUPERSTORM DECAY
12 ROYAL BLOOD LINE	28 MY LOVELY HORN 2	44STELLAR FARFISA	60NEWS 4 CARMEN
13SWEET MURCHIE	29 ETEVIEN	45PIGALLE PARTY	61REPRISAL FRAME
14SWEET MURCHIED	30 CS-80 220 HORNS	46HUBBLE'S TELE	62LATENT ECHO
15HIT & RUN '08	31 JP INFORMED	47MELLOTRON MSR 08	63 OVERTONED
16USEMODWHEEL&ARPG	32CHOCHOLATE TOUCH	48ANODAZED	64THAT'S SWELL GUY
New name : REVELA	TION 1-8 [TAB]=ran	dom ; ENTER=proceed,	ESCAPE=cancel
1 . REVELATIO		Owner : getmore	of yourcode@free.fr
uni:Off octav	v:MID lvl fr	req tri saw sqr pwm	
voice:EIGH prior		24 On Off On 67	
filter:MINI vmod		36 On Off On 57	5 NORM Ø
sync:Off mtrg	g:OFF ¦ Ø noise	cutoff:23	reso:62 Invt
	=:100% ¦	Env1 amt:117	track:91 OFF
midi clock : Off	voice : : H	Poly : Off	¦ midi in :

No need to stress the Q knob of your synth to rename a patch (or a multi). You can simply do it using your computer's keyboard. And in case you are not inspired for a new name, CHDEN can propose you millions of unique names.

Icing on the cake, lowercases are allowed !



MIDI map function

Multi-layered sound editor + Studio electronics C.O.D.E.	
MIDI MAP	
filter:x0f vmod: osc2 sync: mtrg: noise cutoff: sub: tune: xmod:depth Env1 amt: osc1:[]:vcf	- fine mode env1 - reso: Invt - track:
lfo dest1 dest2 dest3 rate wave mode sync key qun 1 = =	¦ key : ¦ sync : ∕ pos rate dpth
dest1 dest2 dyn modwh1 := d1y dynamics := Atk bender := Dec	2: 3: 4:
pressure : = Dec cont1[]: = Sus cont2[]: = Rel	6:
glide :glide mode :glissando :dyna setime :glide dest :auto glide:autoMIDI MAP : cycle thru fields, ENTER=cancel map, ESCmidi clock : Off ! voice :! Poly : Off	interval :

⁺Each of the 144 sound parameters of the C.O.D.E are assignable to MIDI CC.

This page gives an overview of the parameters assigned to MIDI CC. It allows to cancel assignment or to retrieve the parameter corresponding to the knob you are currently using on your control surface with a dynamic color change.

Multi bank browser 🧠

Multi-layered sound editor +| Studio electronics C.O.D.E.

1 WE REMEMBR FRANK	174 NOTE DRAMA LYR	33NO SUCH LIMIT	49SUIT FOR CHAOS	
2LEARNED BEHAUIOR	184 NOTE MASS	34CARLO'S WISH	50COGENT RANCOR	
3GET ETEVIAN	19RAVI'S SEA	35WISH GRANTED	51ET IN SANTEFE	
4FOREIGN BRIBE	20RAVI RECONSIDERD	36HOPE TO THE END	52BREATHE MARCO	
5WHEN SHE DOSEN'T	21DUELING MASTERS	37STILL CRYING	53LUCKY YOU	
6BEETLE ME BOX	22JAMSHIED PRAYER	38CATERO \$\$	54FAUORITE MURCHIE	
7SLINKI'S 4 PLAY	23JAMSHIEDZ POWER	39ANASAZI INN	55FAVORITE MURISE	
8FOREVER CHOKLIT	24FAZED & CONFUSED	40PHENOMIC LOCK	56MORE B4	
9 ORKEST RANO	25AMAZED &CONFUSED	41 JOYFUL RECKONING	57109 BPM DELAY	
10ORKESTRANO CS-80	26 PREY'D & CONFUSED	42LIVONIA ECHO	58109 BPM DISTURB	
11LUKE'S GOSPEL	27MUTED Z	43MIDNITE PRAYER *	59PEOPLE WHO FLY	
12SEARING COMBO	28 MUTED Z2	44NAJIMA'S EMBRACE	60PEOPLE WHO DON'T	
13DI FRENTLYORGANED	29 WHITEROCKCHORUS	450 SACRUM -	61ROPETRICKREPRISE	
14A STEULE MOMENT	30LANDSBERG SKOOL	46 COUIVIUM	62SHADRA CIRCA '73	
15A STEVIE MOMENTO	31NORMAN'S LESSON	47SHE'S COUNTING	63STANKEOPHONIK' 02	
16GX1 TRIBUTE	32F MAJOR PLEASE	48REMINDED OF 1	64READY 4 PFUNKIN	
<u>38. CATERO \$</u>	38 . CATERO \$\$ Owner : getmoreofyourcode@free.fr			
-12-				
multi type : SPLIT 1+7 part : A074 B040				
split key : G#3 ¦ Źmix : On On				
volume : 127 097				
#vcs : 1 5				
midi clock : Off		oly: Öff	¦ midi in ∶ _	

As for a patch bank, browsing a multi bank is quick and easy. The multi selection on the synth is made accordingly in real time. The current position is highlighted in the list. The multi parameters are displayed at the bottom of the page and are editable in real time.

► No need to use the front panel and the menus of your synth to build a multi. Use the midi learn function to assign the multi parameters to your control surface, that's it. You are now able to explore and tweak the patch combinations offered by this powerful function. And all in real time.



MIDI map function

Multi-layered sound editor + Stud	dio electronics C.O.D.E.	
	MIDI MAP	
multi type : <mark>x08</mark> split key :	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	-12345- pos: rate: dpth:	-678-
MIDI MAP : cycle (midi clock : Off ¦ voice	thru fields, ENTER=cancel map, ESCAPE : Poly : Off	= <mark>done f</mark> ¦ midi in :

Multi parameters are all assignable to MIDI CC.

• Yes, with CHDEH+, build a multi without using the front panel of your synth, is possible !



Help screen

Multi-layered sound editor +| Studio electronics C.O.D.E.

[a] accidental patch generator [b] bulk load sysex files into synth) [c] toggle midi clock Off/On (use + & - to change BPM) [d] drag current patch to the position you want using direction arrows [e] Initialize the current patch (alternative methods with [i] & [t]) [f] fade between two patches ([b] blend 2 patches randomly) [g] grotesque cc behaviour []] midi learn [m] midi cc map [n] manually rename the current patch ([h] self rename all patches) [o] synth's memory initialization with a new session [p] toggle poly mode Off/On (in multi mode) [q] save session and quit ! [r] recover current patch from PROGRAMMED layer [s] tag current patch for swap (tag 2 patches and press ENTER to proceed) [u] unload current patch or full bank as sysex file [x] load a sysex file (at current position or full bank) [W] write current patch to PROGRAMMED layer [v] verify duplicate within banks and libraries. [TAB] toggle between PROGRAMMED & EDITED patch layers [] switch to patch detail page. Press any key to continue. midi clock : Off | voice : | Poly : Off midi in : .

An overview of all the user commands available ...



ask for a demo version to getmoreofyourcode@free.fr