

CASIO

WALK-ERS

CLUB

DEAR MEMBERS,

Welcome to newsletter no2 with an increased membership of 50.

This has been a long time coming but will eventuate monthly from now on. This is a very computer orientated newsletter, because I have had so many queries, so we have a talk, by Heiko Mainz on "Entering The Computer Age", tips by Allan Crouch, on getting more usage from your product, software listing and usage patch page etc etc.

Keep sending more information in so that we can all learn from each other, especially computer and Midi related stores, new sounds etc.,

Until then,

Keep Making Music

CATHY DARNELL

ENTER THE COMPUTER AGE !

O.K. - so you've now got a Midi Synthesizer or Midi Drum Machine. But what are you going to do with it - and what's all this Midi stuff good for, anyway.

Hooking it up to another machine, that's what, and whether that machine is a home computer or another synth or a dedicated sequencer (both are computers in disguise) makes no real difference to your instrument.

Hooking up a computer is unfortunately not quite as straight forward as the other two.

The first thing you need is a Midi Interface specifically designed for your computer. These are usually sold by the same people that make the software, and it is worth noting here that not all interfaces for the one computer will run the programs written by other manufacturers. This is a real pity because often one company will have a great sequencer program, while the next company will excell themselves with a voice editor program--so when you set out to buy an interface, make sure the same company sells the full range of programs to meet your needs--or ensure that other programs you may wish to buy later, will also run on your interface. *Compatibility !*

WHAT SORT OF SOFTWARE DO YOU NEED ?

Voice editor / Librarian if you own a CASIO synth, you will love this. Editors usually let you see all the parameters of a voice at a single glance. Some let you enter the numbers from the computer keyboard, others from the synth. Some display only the sets of numbers, others plot waveforms and envelope shapes.

Once you're happy with a sound, you can load it into the synth or file it in the voice library with a name. The libraries can usually dump banks of 16 voices into the synth, and depending on the type of computer used, can hold upwards from 32 sounds in a file. Even some 48K computers can hold 128 sounds at a time.

Step-time Sequencers These allow you to enter the notes one at a time. Ideal if you're not a fluent player, or you want to play something that requires three hands. (All three-handed players please ignore this one).

Usually there are at least 8 tracks available, each of them can be assigned a channel number, so you have the choice of using them to control one keyboard 8-note polyphonically, or up to 8 individual midi instruments, with each receiving only on one channel. But with the CASIO'S especially, you can run in mono (solo) mode and have one CZ-101 or CZ-1000 produce four different voices at the same time (CZ-3000 and 5000 can produce 8 different voices).

Of course you can also hook up Midi Drums (RZ-1) And midi controlled effects units at the same time. The more channels, (or tracks) the more flexible the system.

The beauty of a step-time sequencer is total control at every stage of playback.

Real-time Sequencers This is for people that can play several notes in succession, and works much like a tape deck. You play one sequence while listening to the metronome function. Then rewind and play the next track while listening to the first one, etc.

Real time has most of the functions of step time, like channel assignments, but not all real-time programs allow you to edit the notes you've entered, or construct looping sequences and other niceties. Try to see the programs running before spending your money, since the choice of features may depend on the type of music you wish to play.

Special Purpose There are a range of programs for the advanced midi maniac that can produce Midi Delay Effects, or filter out some of the Midi Information, or produce sync codes for tape recorders, or turn your synth into a master keyboard or produce several keyboard split points. There is also some educational midi software, and play-along midi tunes.

Finally, someone has written some rhythm composition programs for midi drum machines. Excellent.

NOTE: Some of the sequencer programs display only numbers like note, note duration, channel, and midi codes. Others only display music notation. So make sure you get the one you can actually understand ! Also, a lot of the notation programs do not print out scores, but sometimes you can buy additional software that loads your music file and then prints a score.

This should get you started

Heiko

Allan Crouch has provided some valuable tips on how to thicken up your sound;

(use CZ-2000, CZ-3000, CZ-5000 AND CZ-1)

1. A useful way to thicken up your sound if playing live is to use the TONE MIX mode and instead of selecting two DIFFERENT timbres to mix, use the SAME voice. Try this with PRESET A1 (Brass Ensemble) for example and notice how the sound thickens up. In this situation, the keyboard will of course become 4 note polyphonic.
2. Try copying a sound to another selector button and change various parameters slightly before you TONE MIX it and the original sound.
3. Using an RZ-1 sequencer, it is interesting to copy a pattern 2 or 3 times and send the results to the SYNTH, using the same voice to play each pattern.
4. Another way to thicken up the sound is to connect a lead from MIDI OUT to MIDI IN and play a sound on top of itself, whereupon it becomes flanged. With the use of this effect of course, the MIDI sockets will be in use and the external sequencer cannot be used. This effect is known as a MIDI-LOOP. Works better with some voices than others.

COMPUTERS THE VIABLE ALTERNATIVE

If you are a composer, home recording team, computer buff alias musical or just someone who wants an easy way of sequencing, setting up a library of sounds, sampling etc, computers are well worth looking into.

Last month, I received lots of queries on software, so I have included a listing by a Melbourne company, also in November issue of Sonics, there is an excellent software overview by Colin Grimmer.

With the CZ range there is lots of software available eg; for Atari Computers CZ and A Patch Librarian Package with the ability to Droid Sounds. An Droid has the ability to create new sounds so you can create hundreds of sounds and choose the best.

With CZ's Multi-timbral feature sequencing software packages work with, 2 are Steinburg's Pro24 (distributed by Venue Music Sydney) also Ez-Track ST which provides 20 polyphonic tracks with a capacity of more than 27,000 notes on Atari 520ST.

BOOKS ON CZ.

There is a new book on the market called "The CASIO CZ Book". By David Cromby and Paul Whiffen Distributed by Music Sales.

ST MUSIC SOFTWARE

<u>Company name</u>	<u>Title</u>	<u>Available</u>
	MUSIC SOFTWARE LIST	WE
	FOR SOUND SERIOUS	TRY
	SOFTWARE	HARDER
	PHONE; 754 6305	
-----ATARI ST-----		
Activision	Music Studio	now
ATARI	Music	soon
Audio Light Inc	N / Vision	now
Beam Team	Transform X - Notes	soon
Beam Team	Transform CZ	soon
Beam Team	Transform JX	soon
Beam Team	Transform X-Track	soon
Beam Team	Transform DX	soon
Dr T's Music Software	Keybd Contrl. Sequencer	soon
Dr T's Music Software	CZ-patch	soon
Elect Music Publishin	Musidisc Vols 2-6	soon
Elect Music Publishin	Musidisc Beatles Vol.1	now
Elect Music Publishin	Musidisc Classics Vol.1	now
Elect Music Publishin	Midiplay	now
Hayden	Musicworks	soon
Hippo Software	Hippo Sound Studio	soon
Hybird Arts	A.D.A.P. Soundrack	November
Hybird Arts	DX- Droid	now
Hybird Arts	Midi - Patch CZ	soon
Hybird Arts	E.Z. Score	now
Hybird Arts	DX - Editor	now
Hybird Arts	Midi Score ST pro	soon
Hybird Arts	CZ -Editor	soon
Hybird Arts	CZ - Droid	now
Hybird Arts	Midi Track ST	now
Hybird Arts	Midi Track ST	soon
Hybird Arts	Midi - Patch DX	now
Hybird Arts	E.Z. Track	now
Hybird Arts	Midi Utilities	now
Intersect Software	The Orchestrator	soon
Island Logic	Music System	soon
Micro - W Dist Inc	Midi-Magic	soon
Sound waves	ST. 8-8 Tracker	soon
Sound waves	ST.24 -24 Tracker	soon
Steinberg Research	The Pro-Creator	soon
Steinberg Research	Pro-Twenty Four	now
Verlag	Midi-Demo	soon
X' Lent	ST Music Box	now

PRICES ON APPLICATION & QUANTITY

PATCHES SENT IN BY GLENN REMINGTON FROM NSW

PARAMETER	TONE NAME ROCKO POMPO MIT ECHO	CARTRIDGE NO. B3	TONE NO. 13
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LINE SELECT 1 + 2	MODULATION RING NOISE - -	DETUNE OCTAVE NOTE FINE + 0 00 06	VIBRATO WAVE DELAY RATE DEPTH 4 00 51 99	OCTAVE RANGE + 0
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1	2
DCO 1	DCO 2
WAVE FORM FIRST SECOND 4 0	WAVE FORM FIRST SECOND 5 0

E N V (PITCH)		E N V (PITCH)	
STEP	1 2 3 4 5 6 7 8	STEP	1 2 3 4 5 6 7 8
RATE	50 50	RATE	96 99
LEVEL	00 00	LEVEL	94 00
SUS/END	SUS END	SUS/END	SUS END

DCW 1	DCW 2
KEY FOLLOW 0	KEY FOLLOW 9

E N V (WAVE)		E N V (WAVE)	
STEP	1 2 3 4 5 6 7 8	STEP	1 2 3 4 5 6 7 8
RATE	99 50 50 50 50	RATE	99 37 50 50 50
LEVEL	99 00 00 00 00	LEVEL	99 76 00 00 00
SUS/END	SUS END	SUS/END	SUS END

DCA 1	DCA 2
KEY FOLLOW 7	KEY FOLLOW 2

E N V (AMP)		E N V (AMP)	
STEP	1 2 3 4 5 6 7 8	STEP	1 2 3 4 5 6 7 8
RATE	99 48 23	RATE	65 17 53 99 36 00 72
LEVEL	99 99 00	LEVEL	99 99 16 99 99 99 00
SUS/END	SUS END	SUS/END	SUS END

Casio CZ 101: Rocko pompo

A pomp rock nightmare. Otherwise known as the orange cosmic bigness in the fireplace of your mind.

PARAMETER	TONE NAME NASTY SINK	CARTRIDGE NO. A7	TONE NO. 15
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LINE SELECT 1 + 1	MODULATION RING NOISE ON	DETUNE OCTAVE NOTE FINE + 2 07 03	VIBRATO WAVE DELAY RATE DEPTH 1 00 50 00	OCTAVE RANGE 0
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1	2
DCO 1	DCO 2
WAVE FORM FIRST SECOND 2 4	WAVE FORM FIRST SECOND

E N V (PITCH)		E N V (PITCH)	
STEP	1 2 3 4 5 6 7 8	STEP	1 2 3 4 5 6 7 8
RATE	99 99	RATE	
LEVEL	94 00	LEVEL	
SUS/END	SUS END	SUS/END	SUS END

DCW 1	DCW 2
KEY FOLLOW 0	KEY FOLLOW

E N V (WAVE)		E N V (WAVE)	
STEP	1 2 3 4 5 6 7 8	STEP	1 2 3 4 5 6 7 8
RATE	86 44 50	RATE	
LEVEL	13 99 00	LEVEL	
SUS/END	SUS END	SUS/END	SUS END

DCA 1	DCA 2
KEY FOLLOW 0	KEY FOLLOW

E N V (AMP)		E N V (AMP)	
STEP	1 2 3 4 5 6 7 8	STEP	1 2 3 4 5 6 7 8
RATE	97 64 66	RATE	
LEVEL	99 99 00	LEVEL	
SUS/END	SUS END	SUS/END	SUS END

COMMENT
Much use of pitch bend

Casio CZ 101: NASTY SINK

sidewinding, gut pumelling, razor sharp lead sound, named after the Minimoog's famed sync oscillator sound. Ouch!