INTRODUCTION
TO THE
SOUNDWAVE
DIGITAL
MIDI SEQUENCER

ADVANCED USE OF THE DIGITAL SEQUENCER

We believe that this simple sequencer has many musical applications. For one thing, it is an ideal teaching sequencer for teaching children (and adults) about music. It is simple to operate and rather sophisticated in design.

Some things that you may like to try if you are an advanced user of MIDI Sequencers, particularly if you own another one. The SOUNDWAVE DIGITAL MIDI SEQUENCER has only one track, but it has does not filter any channel information. This means that if you were to 'Dump' the contents of a multi-channel sequencer into this one, you would hear all your channels comin' back atcha when you hit PLAY, making it ideal for playing back your sequences 'live' because the tempo will remain as it was when you recorded it, and the ST's rather sizable 360K disk drive can store ab out an hours performance!

To do, this, connect the MIDI OUT of your SEQUENCER into MIDI IN of the ST. Set the ST on "RECORD" and your sequencer on "PLAY". Play through the whole tune and listen back. Your sequence should come back on all MIDI channels, playing your entire synth "stack". (The keyboard displays channel 1).

CUSTOMER SUPPORT:

This manual should answer all questions you might have about using the SOUNDWAVE DIGITAL SEQUENCER. However if you need help or something "stumps" you, please call SOUNDWAVE SOFTWARE TECHNICAL SUPPORT:

(514) 738-3000 in Montréal, Canada

RECORDING

In order to record your musical compositions, move the pointed finger over to the RECORD button and click. The message window should read «RECORD» and immediately after, «PRESS ANY KEY TO STOP». You can now play your synthesizer. Every note that you play will appear as circles on the keyboard display above the control panel. We've managed to keep a sequence going for 25 minutes on a 520 ST so don't worry too much about how many notes you have left.

When your performance is finished, just hit any key on the ST keyboard. The display will read «STOP», and then go back.

Try to experiment with the pitch bend, playing with different velocities, changing programs, etc.... If anything doesn't work, check your synth.

PLAYBACK

Playback is simple. Just pass your 'finger' over the PLAY button and click. If you wish to stop playback during the sequence, just hit any key on the ST.

Try to make sure that there are no notes ON when you hit a key to interrupt a sequence as you may get a "hung note". This is a strange but all too common ailment of MIDI synthesizers when they receive MIDI NOTEON data, and haven't received the NOTE OFF data. If a note does "hang" anyway, try changing programs on your synth. If that doesn't work, try playing the note that is "hung" on the keyboard. If that doesn't work, just reset the synth, throw your hands up in the air and shout at the top of your lungs, "Why can't life be simpler". We send your synth an "ALL NOTES OFF" message when you hit the key to stop, but not all synths understand the full MIDI specs.

SAVING YOUR SEQUENCE

To store your sequence on disk, just click on the SAVE button. An ITEM SELECTOR Dialog Box should appear before your eyes. If you want to erase an old sequence and write over it, just find the sequence using the SLIDERS and double click it on.

If you want to save a new sequence, just type in the name of the new sequence and click on "OK". Try to name your sequence with a ".SEQ suffix so that you can tell which files are sequence files on your disk. After this, your disk drives should growl into being and your file will be stored.

If a DISK ERROR message appears, just try saving on a new disk, you probably just ran out of room on that disk.

LOADING FROM DISK

To LOAD a sequence from disk, click on the LOAD button. An ITEM SELECTOR Dialog Box will appear again. Find the title of your sequence and double click on it. If your sequence has been placed in another file folder, you may have to find the folder and open it before your file appears. If your sequence title has been 'mispeled' or the file isn't on the disk, an Alert Box may appear. Just go back and try again, or change disks.

The SOUNDWAVE DIGITAL MIDI SEQUENCER is a one-track polyphonic MIDI DATA RECORDER which is capable of recording and playing your wildest musical ideas and allowing you to watch your performance via an on-screen keyboard. Functionally, it is a musical notepad that can record up to 15,000 notes of your musical compositions and synthesizer performance with perfect reproduction of your entire performance. ENJOY!

Operation is similar to that of a tape-recorder with 4 controls - «RECORD», «PLAY», «SAVE» and «LOAD». It can memorize every facet of your synthesizer performance including pitch bend, velocity, after-touch, breath-controller, program changes and even parameter data (If your synth sends out SYSTEM EXCLUSIVE data, like DX7).

GETTING STARTED:

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  ┌──────────────┐      ┌──────────────┐
  │ in       out │      │ in       out │
  │              │      │              │
  │    520 ST    │      │  Your Synth  │
  └──────────────┘      └──────────────┘
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To start, you should connect the ST's MIDI OUT jack (right next to the power plug) to the MIDI IN of your syth. Also, connect the MIDI IN from the ST to the MIDI OUT from your synth. Make sure that the synthesizer's is ON (Most Synths currently are set to TRANSMIT on MIDI channel #1, so if you set your synth to RECEIVE on channel #1, you should be in good shape).

Also make sure, if your synth has any MIDI filtering - which causes you synth to ignore certain MIDI data like program change or pitch bend - that you turn it OFF.

Now, place a TOS disk in Drive A of your ST and 'boot' the system. When the desktop appears, place you SOUNDWAVE DIGITAL SEQUENCER disk into Drive A and click on the icon for Drive A. Now, this is important.

IF YOU ARE USING A BLACK AND WHITE (SM124) MONITOR, THEN YOU CAN IMMEDIATELY CLICK ON "MSEQ.PRG" AND RUN THE PROGRAM.

IF, HOWEVER, YOU ARE USING A (SC1224) COLOR MONITOR, THEN GO TO THE "OPTIONS" MENU AND SELECT "SET PREFERENCES" WHEN THE PREFERENCES DIALOGUE APPEARS ON THE SCREEN, SELECT "MEDIUM" GRAPHICS RESOLUTION, THEN CLICK ON "OK". GO BACK TO THE "OPTIONS" AND SELECT— "SAVE DESKTOP" — TO SAVE THIS CONFIGURATION TO DISK. NOW YOU CAN GO AND DOUBLE CLICK ON THE "MSEQ.PRG" PROGRAM