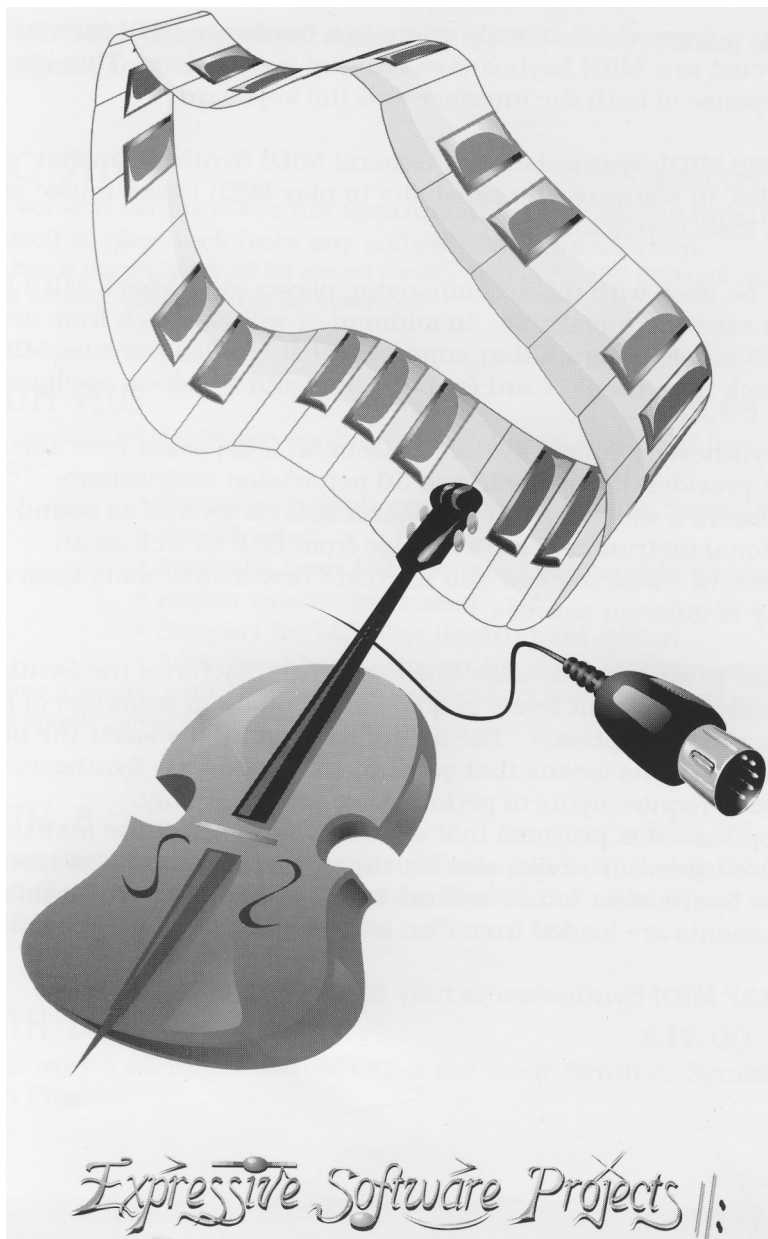


ESP

Product Guide 1997



Expressive Software Projects ||:



MIDI is a term which usually refers to a hardware MIDI interface connected to a MIDI keyboard or musical synthesiser. This involves the expense of both the interface and the keyboard.

The ESP MIDI Synthesiser is a General MIDI Synthesiser that provides, in software, the capability to play MIDI based music on any Acorn RiscOS machine.

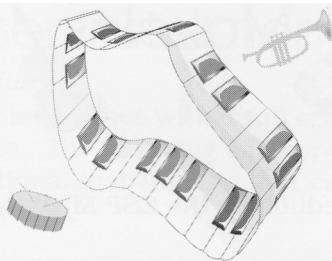
It can be used with the accompanying player to playback MIDI files which are widely available. In addition, it will playback from any RiscOS music program that supports MIDI. It also provides MIDI playback from the PC Card for both DOS and Windows applications.

The Synthesiser comes with a full General MIDI set of instruments which provides 128 melodic and 50 percussion instruments. This covers a wide range of orchestral sounds as well as sound effects. Additional instruments are available from ESP as well as an Instrument editor to allow you to create new instruments from a variety of different sources.

In order to support the wide range of Acorn machines the Synthesiser can provide different levels of quality and different numbers of notes at one time (polyphony). The higher the quality the lower the note polyphony. This means that you can configure your Synthesiser to suit your requirements of performance versus quality. An application is provided that enables you to select the instruments that are loaded. You can also set the maximum amount of memory for the Synthesiser to use to store instruments, after which time instruments are loaded from disc as and when they are needed.

The ESP MIDI Synthesiser is fully StrongARM compatible.

MIDI



SYNTHESISER

The ESP MIDI Synthesiser comes in three different versions, as well as an upgrade from one version to another.

BASIC SYNTH

£39.95 +VAT

This version contains the full instrument set and all the functionality required to play back from any software MIDI application.

Requires a RiscPC with 16 bit sound facility only (a RiscPC 600 will require a 16 Bit Minnie Audio Card to be installed).

SYNTH PLUS

£49.95 +VAT

This version of the Synth contains a number of advanced features as follows:

- Extended polyphony (up to 64 note on StrongARM)
- Reverb effect
- Playback from MIDI Support compatible hardware
- Higher quality instrument set
- Support for MakeIns (Instrument editor)
- Additional bank support for extra instruments

Requires a RiscPC with 16 bit sound facility only (a RiscPC 600 will require a 16 Bit Minnie Audio Card to be installed).

SYNTH 8

£39.95 +VAT

This version of the Synth is for RiscOS machines with only 8 bit sound facility. The machine must be RiscOS 3.1 or later and use a HardDisc.

SYNTH UPGRADE

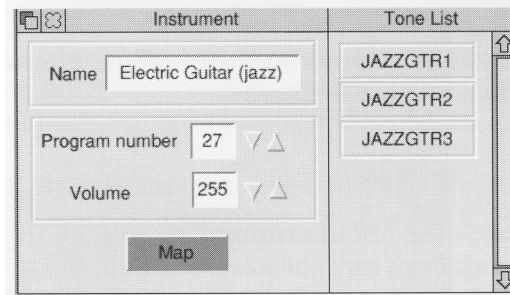
£12.00 +VAT

This provides an upgrade from either the Basic Synth or Synth8 to Synth Plus.



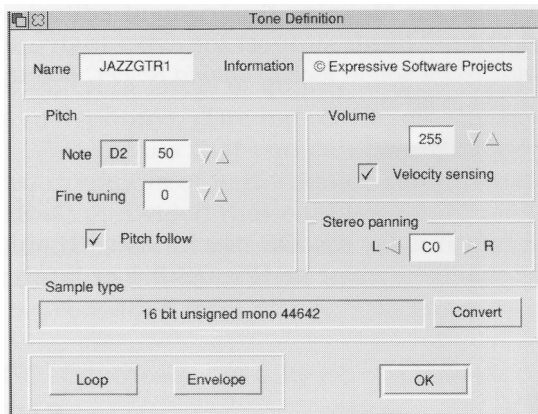
Requires SynthPlus

MakeIns is an instrument editor for the ESP MIDI Synthesiser.



Existing ESP Synthesiser instruments can be loaded and edited as well as other formats such as Gravis instruments and WAV files.

A typical instrument is made up of more than one sample or tone. These are then mapped over the range of MIDI notes. MakeIns allows additional tones to be added and mapped across any number of notes. The basic playback data for each tone can be edited including envelope parameters, loop points, stereo position and fine tuning. If the ESP Synthesiser is loaded then the changes can be heard as they are made.

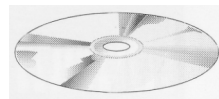


An additional utility is provided to enable the new and edited instruments to be build into a MIDI Bank for use with the ESP Synthesiser.

MakeIns: £30.00 +VAT

Synthesiser Instruments

Requires SynthPlus



The ESP Synthesiser comes with a full set of General MIDI Instruments. The following CD's provide a wide selection of additional instruments that can be installed into the Synth as MIDI Banks.

Instrument CD 1

£40.00 +VAT

There are nearly 400 instruments on this CD organised into over 40 different banks and they provide a wide range of very exciting sounds, including:

- Real Instruments
- Sound Effects
- Analog Synths
- Drum Kits including 707/808/909
- Dance/Pop
- Latin Collection
- Techno/Rave
- Dance Loops

Some of these instruments are over 400K in size! There are some blistering overdriven fender guitars, thundering pipe organs, irreplaceable DX-7 sounds, huge pianos, acoustic guitars, classic blatin' B3 organ sounds, an awesome crunch muted electric guitar sound, and much, much, more.

Instrument CD 2

£40.00 +VAT

This second CD contains over 400 instruments organised into 30 different banks. They include:

- Guitars
- Strings
- Synths
- Drum loops
- Dance loops
- Acoustic drum kit
- Pianos
- Harpsichord
- Effects
- Rave pads
- Bass sounds

They have been carefully crafted using the latest techniques in multisampling and digital effects processing to provide lots of powerful and unique sounds. They include samples of live drumming and plenty of creative atmospheric sounds.



The ESP Parallel Port MIDI Interface is a MIDI interface for the Acorn RiscOS range of computers.

It is designed to provide a more versatile alternative to the internal expansion card interfaces. By using the parallel port it provides the opportunity to add MIDI capability to any Acorn RiscOS machine including those with no expansion card facilities such as the A4 portable.

It is particularly useful when you want to use a MIDI keyboard with a computer other than one that has an internal MIDI interface installed. With the Parallel Port MIDI Interface you can easily move the MIDI capability from one computer to another rather than have to move a whole computer or have to install an internal MIDI interface in each machine.

The ESP Parallel Port MIDI Interface provides a MIDI In, MIDI Out and MIDI Thru connection. It also contains buffering of incoming data to ensure that there is no data loss. It is fully compatible with the latest Acorn MIDI module and is therefore suitable for use with the RiscPC PC Card.

It contains a number of user selectable functions such as the filtering of system real-time messages and support for MIDI Time Code.

A printer switch box is required to use this interface with a Parallel port printer.

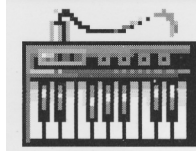
Parallel Port MIDI Interface: £75.95 +VAT

Serial Port MIDI

The ESP Serial Port MIDI connects an Acorn RiscPC to any Yamaha tone generator which provides a serial port connection such as the MU 10. It consists of a serial cable and some driving software. The Yamaha serial boxes come with MIDI In and Out connections so this interface can also provide full MIDI connections to another MIDI device such as a MIDI Keyboard.

Serial Port MIDI: £34.00 +VAT

MIDI Support



ESP have developed a new MIDI module for the Acorn RiscOS computers called MIDI Support. This provides a number of improvements to the use of MIDI on Acorn machines including the following:

- Ability to use more than one device at once thus providing for 64 or more channel MIDI
- PC MIDI Input (Requires PCSoundPro)
- Support for software MIDI devices
- Faster data transfer
- Built in Software Thru
- Advanced mapping facilities
- Support for data filters
- Support for Acorn TimeCode

MIDI Support is used by all the ESP MIDI hardware and software. It is also used by the Audio Dynamics DMI card.

You can upgrade your own MIDI hardware to use MIDI Support by installing the appropriate hardware driver.

The MIDI Support pack contains installation instructions and drivers for the following cards:

Acorn AKA16
Morley
Eagle
Lark
MIDI Max

Contact your supplier for upgrade information on any other MIDI cards.

MIDI Support: £16.00 +VAT

MIDI Mapper

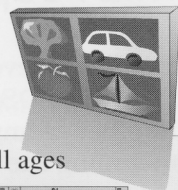
This is for use with MIDI Support and provides facilities to map and route data around the system. You might want, for example, to connect your Parallel Port MIDI Interface to the ESP MIDI Synthesiser. MIDI Mapper displays the currently installed MIDI Support devices and allows you to connect them together.

MIDI Thru can also be turned on or off using MIDI Mapper.

MIDI Mapper: £20.00 +VAT

COMPOSE WORLD

Music Exploration On The Acorn
RiscOs Range Of Computers.



Compose World is a music exploration program designed for all ages

Phrases of music are represented as pictures and/or words.

These phrases can be any length and can contain both melody and harmony.

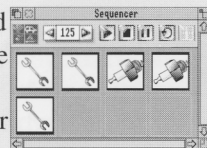
The phrases are used as building blocks and can be sequenced in any order or combination.

Compositions are produced by listening to your phrases and experimenting with different orders and combinations in the "Sequencer".

The composition can be played using Archimedes sounds or through a connected MIDI instrument.

The Compose World disc contains a wide selection of phrase sets which cover different styles, themes and structures.

Additional discs of phrase sets and Archimedes sound modules are also available :- Compose World Files & VoicePack.



Phrases can be created and edited in Compose World using the in-built phrase editor. The phrase is represented on a grid with full control over pitch, length of note and volume.

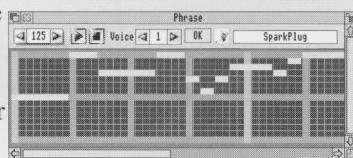
The grid display can be changed to suit a range of time signatures and different scales,

eg. major, minor, pentatonic, microtonal etc.

A number of special effects can be used to alter the phrase eg. transpose, change volume, stretch, invert, reverse etc.

Phrases can be saved as a MIDI file to be loaded into other music programs, eg. Notate etc.

In the same way, phrases can be loaded into Compose World as MIDI files.



ON REVIEW

"It won't frighten teachers. There are no notes, just pictures and surely nobody is intimidated by a picture of a banana . ." !

"Compose World is just wonderful" !
Alan Bennett : Archimedes World



If you have a MIDI instrument connected to your computer then Compose World can play your composition using whichever external sounds you choose.

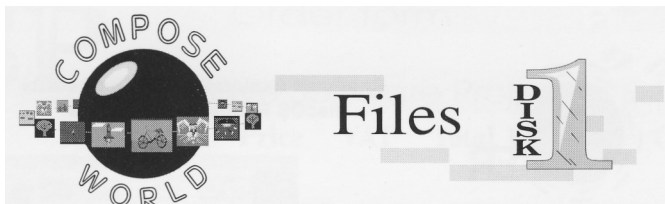
Compose World: £48.00 +VAT

Tel: 0115 944 4140

Expressive Software Projects

sales@ExSoftPr.demon.co.uk

ESP, 21 Beech Lane, West Hallam, Ilkeston, Derbyshire, DE7 6GP



Compose World Files 1 is a collection of tune files for use with the Compose World program.

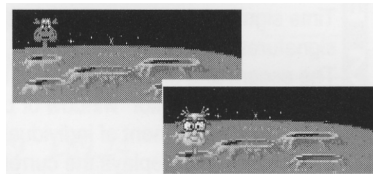
The files cover a variety of musical styles and themes. eg. Baroque, Jumbles, Waltz, Rhythm, fugue

A number of the files make use of the animated picture display. ..

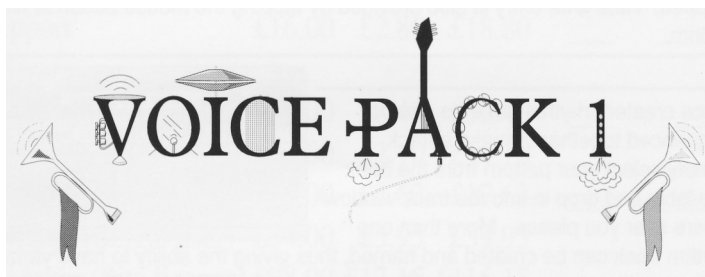
eg. Cloudy, ThePopUps,

Wabbit etc.

Some of the files have an associated sound list for use with VoicePack



Compose World Files 1: £12.00 +VAT



The Archimedes is capable of producing much more realistic sounds than the preset "beeps".

Voice Pack1 is a complete library of sounds which can be loaded into the computer and used with music programs eg. Compose World & Notate.

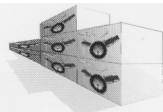
An application called !ClickVox is also provided to enable you to remove individual sounds or load a list of sounds.

Some of the tune files on the Compose World Files1 disc have an associated sound list file which will auto-load the sounds required.

Voice Pack 1: 15.00 +VAT



Rhythmic Exploration On The Acorn RiscOS Range of Computers



RHYTHM EDITOR

The first step is to create one or more rhythm patterns The instrument definition for each rhythm pattern can comprise both Archimedes internal sounds and MIDI sounds (if available). The number of sounds used in each rhythm can be tailored to individual requirements.

Time signatures can be chosen from a range of simple or compound time including time signatures such as 5/4 and 13/16

The accent and stereo position of a note can be defined by using the controls in the top of the "Rhythm Editor" window or by using an expanded note information window which allows fine adjustment of individual note dynamics, position and length.

The rhythm grid displays the current resolution of note input. This can be changed at any time to provide different levels of accuracy without effecting any existing notes.

Notes can be entered directly onto the grid while the pattern is playing or when it is stopped. Real-time entry is also provided by tapping the mouse button in time with the rhythm.



RHYTHM EDITOR

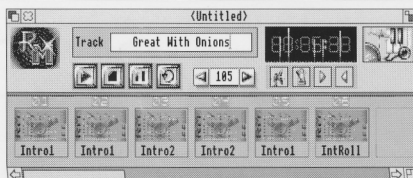
TRACK EDITOR

Once created, rhythm patterns can be sequenced together to make a track.

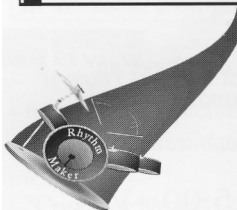
Simply select your pattern from the bank available and drop in into the track window where ever you please. More than one rhythm track can be created and named, thus giving the ability to have variations (different mixes), or completely different tracks within the same RhythmMaker file.

Independent Volume and Tempo control is given to each rhythm pattern in the track to enable changes as the track progresses. Loops can be created and given the number of times to repeat, even nested loops are possible (loops within loops).

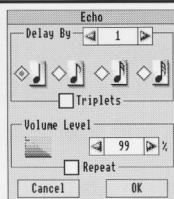
A real-time display is provided, showing both the length of time the track has been playing and level information for Archimedes instruments & external MIDI instruments (if available).



TRACK EDITOR



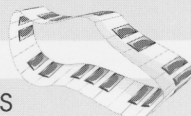
EFFECTS



A host of powerful "effects" tools are provided to add that finishing touch or a little extra sparkle to your rhythms. These range from simple fill effects to more complex, fading, echoing, reversing, sliding, and the most powerful of all. . . . the "shading" effect!

EFFECTS

Rhythm Maker: £34.00 +VAT



	Price	VAT	Total	Qty	Cost
Synthesiser					
Basic Synth	£39.95	£6.99	£46.94	—	—
Synth Plus	£49.95	£8.74	£58.69	—	—
Synth8	£39.95	£6.99	£46.94	—	—
Synth Upgrade	£12.00	£2.10	£14.10	—	—
MakeIns	£30.00	£5.25	£35.25	—	—
Instrument CD 1	£40.00	£7.00	£47.00	—	—
Instrument CD2	£40.00	£7.00	£47.00	—	—
MIDI					
Parallel Port MIDI Interface	£75.95	£13.29	£89.24	—	—
Serial Port MIDI	£34.00	£5.95	£39.95	—	—
MIDI Mapper	£20.00	£3.50	£23.50	—	—
MIDI Support	£16.00	£2.80	£18.80	—	—
RiscOS Software					
Compose World	£48.00	£8.40	£56.40	—	—
Compose World Files1	£12.00	£2.10	£14.10	—	—
V0ice Pack1	£15.00	£2.63	£17.63	—	—
RhythmMaker (Single user)	£34.00	£5.95	£39.95	—	—
Rhythm Maker (Site licence)	£98.00	£17.15	£115.15	—	—
RiscPC600 16 Bit Audio Card	£46.00	£8.05	£54.05	—	—

(Carriage - No charge)

TOTAL

Name _____

Address _____

Phone _____

☐ I enclose a cheque, made payable to ESP for
£ _____

☐ Please charge my Mastercard/Visa account for
£ _____

My Access/Visa account number is:

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Expiry date: _____ Signed: _____



Expressive Software Projects ||:

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Tel: 0115 944 4140

Fax: 0115 944 4150

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<http://www.cybervillage.co.uk/acorn/esp/>