

DIGISOUND 80

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MODULAR SYNTHESISER

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Since the introduction of the Digisound 80 modular synthesiser in February 1980, some tens of thousands of modules have been sold throughout the world. While most customers use them in conjunction with our keyboard controller to construct a versatile monophonic synthesiser for multi-track recording many others employ our polyphonic controller to configure systems which cannot be matched by conventional analogue keyboards. Additionally, we have customers who use specific modules to enhance their current equipment or even employ our units for medical and other scientific research.

One of the most interesting facts to emerge in the last four years is that our growth has mostly been due to personal recommendation from customers to other musicians. Furthermore, we are pleased to record that many customers have been with us from the start and are continuing to expand their system.

Some of the star features of the DIGISOUND 80 system are:—

*** COMPATIBILITY**

A specification widely adopted for analogue synthesisers, namely, a one volt per octave control voltage scale, wide ranging positive gate voltage, high input impedance, low output impedance and a high signal level to ensure multiple patching without introducing significant noise or control errors.

*** UP TO DATE DESIGNS**

We are agents for designers of specialised integrated circuits used in synthesisers, for example, Curtis Electromusic Specialties Inc. and make full use of such contacts to incorporate the latest technology into our modules. When improving basic modules such as oscillators, filters and amplifiers we ensure that the new module is fully

compatible with earlier versions — even when used within a polyphonic system.

*** EXPANDABILITY**

Over 20 modules in the series which range from the essential voltage controlled oscillator to a versatile voltage controlled envelope generator and treatment modules such as our unique solid state reverberation unit.

*** MULTIPLE OPTIONS**

The DIGISOUND 80 series can be supplied in kit form or as ready-built modules. In the kit version the customer is completely free to choose which parts to purchase so that a customised synthesiser may be constructed, if required.

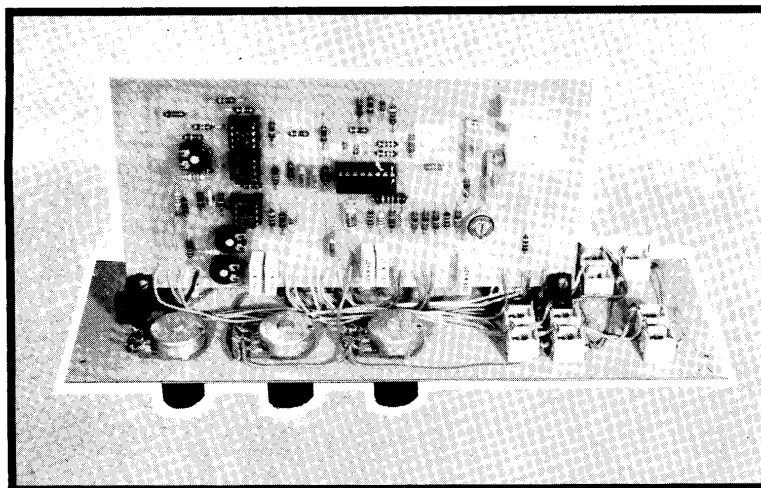
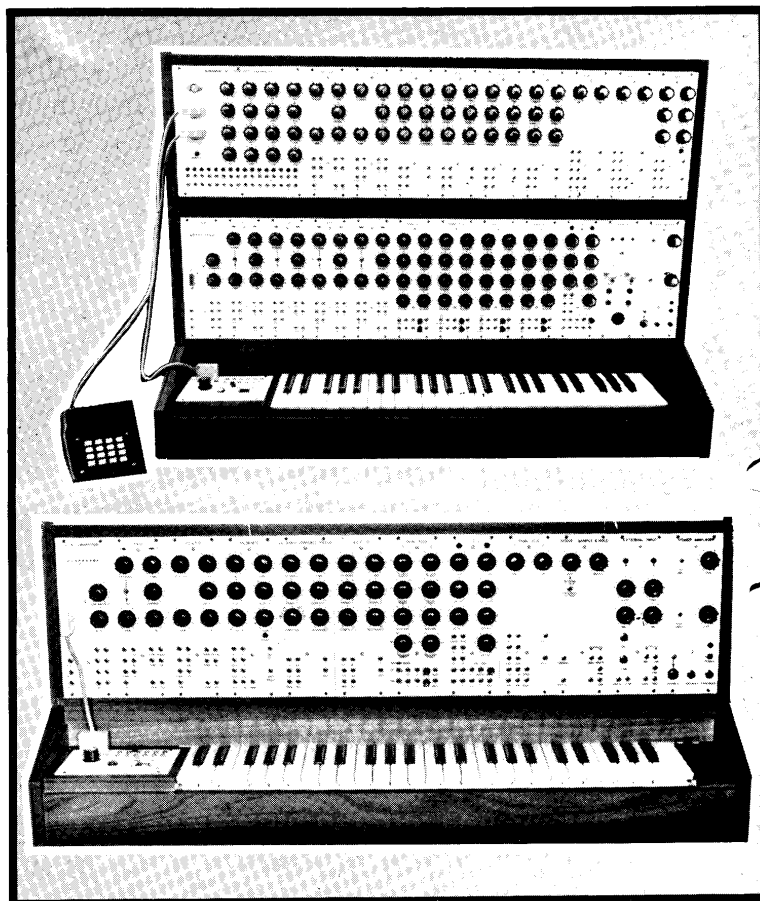
* CONTINUING SUPPORT

In mid-1981 we introduced our ALPHADAC 16 synthesiser controller which enables up to sixteen voices to be controlled by the built-in microprocessor and ROM programs. Many of the keyboard control routines were novel in 1981 and even today we are not aware of an analogue system which allows up to sixteen different voices to be recorded and played back. Perhaps the greatest advantage of ALPHADAC 16 is the fact that the user does not have to know anything about microprocessors or their application. On the other hand for those customers familiar with personal computers our keyboard controller is digital and our synthesiser has been coupled to many micros since 1981.

Not all modules have to incorporate the ubiquitous micro. Our addition in November 1983 was a dual voltage controlled low frequency oscillator incorporating many new features to further enhance the DIGISOUND 80 synthesiser.

* QUALITY

Only first grade components are used to ensure that performance standards are met. Analogue modules are spaciouly laid out on glass fibre printed circuit boards. Most modules are mounted on a nine inch by three inch (229 x 76 mms) panel. These panels are made from long lasting plastic coated steel printed with a scuff resistant black ink and form an attractive set of modules with easy to read markings.



* LOW COST

The majority of our designs have appeared in leading U.K. technical journals, such as, 'Electronics Today International' and 'Electronics and Music Maker'. It is therefore available for all to judge that a particular design is 'state

of the art' and that the end product is value for money. Furthermore the low cost approach is maintained by allowing direct purchase from DIGISOUND LIMITED or from overseas agents who share our aims.

Well the list is almost endless but if you are into creative electronic music making then you will have already got the message. Further information is available on the price lists from Digisound Limited at the address below.

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VISITORS BY APPOINTMENT

