

ELECTRON  
**MUSIC**  
**5000**  
**SYNTHESISER**

# INSTALLATION GUIDE

Check that you have received the following:

- \* this Guide
- \* Music 5000 Synthesiser unit
- \* AMPLE Nucleus ROM
- \* Music 5000 User Guide
- \* Studio 5000 Issue Disc
- \* label for Studio 5000 System Disc

You will also need:

- \* BBC Micro Model B, B+ or Master 128, with Acorn-compatible disc drive
- \* Audio amplifier system
- \* Standard audio connecting lead, 5-pin DIN to suitable connector
- \* One blank formatted disc

## fitting the ROM

Do not attempt to fit the AMPLE ROM to your computer unless you consider yourself qualified to do so. If you are unsure, consult your dealer. The AMPLE ROM should be fitted in a low-priority socket so that the computer does not start up in AMPLE.

## installing the hardware

With the computer turned off, plug the ribbon cable connector of the Music 5000 into the socket marked '1 MHz bus' on the underside of the computer. Plug in the mains plug and the 5-pin DIN of the audio lead. Plug the other end of the audio lead into the amplifier, using a socket marked 'tape' or 'aux' (the Music 5000 is matched to DIN signal levels, so use a DIN input if one is available). Turn the equipment on.

## installing the software

Each AMPLE Nucleus ROM has a unique identification code (ID), issued to you personally and shown at the top of this page with a matching passcode. Be sure to quote your ROM ID in any correspondence with your supplier.

The disc supplied is an 'issue' disc. It generates a 'system' disc for use with your particular ROM, and no other ROM, as described below.

A function key strip is supplied on the last page of this Guide. Cut it out and fit it on the computer.

### making a system disc

- 1 First make a copy of the issue disc on a new formatted disc. The issue disc is 40 track on the top side and 80 track on the bottom side. To make a 40-track copy on a single 40-track drive, enter:

```
*BACKUP 0 0
```

To make an 80-track copy on a dual 80-track drive, put the issue disc in drive 0 and the new disc in drive 1, and enter:

```
*BACKUP 2 1
```

- 2 Put the new disc in drive 0 (usually the top drive) and press SHIFT-BREAK (press and release BREAK while holding down SHIFT). DO NOT use the supplied issue disc - you may need this again later.

Follow the instructions that appear on the screen. When you are asked to enter the passcode, read it (not the ROM ID) from the first page of this guide and check it before pressing RETURN.

When the generation process is complete, the 'Generation complete' message appears - the new disc is now a system disc for your ROM. If something goes wrong and the final message does not appear, your computer is probably non-standard - refer to the User Guide chapter 'Further Use of AMPLE', section 'ROM compatibility'.

Label the new system disc with the label supplied, positioning it to cover the write-protect notch, as on the issue disc.

If anything should interrupt the generation process, you should start again from the beginning, making a new copy of the issue disc.

### testing

Put the system disc in drive 0 and press SHIFT-BREAK (press and release BREAK while holding down SHIFT). You should see various loading messages, followed by the Studio 5000 Main Menu. If this does not appear, then one of the following problems may have arisen:

- \* incorrect passcode entered - the message '! Bad module' appears. Repeat the system disc generation, checking the passcode carefully
- \* incorrectly-fitted ROM - the message '! Bad ROM' appears. Check the fitting of the ROM

\* ROM compatibility problem - your machine may be non-standard, for example has additional ROMs fitted. Refer to the User Guide chapter 'Further use of AMPLE', section 'ROM compatibility'

### file close utility

The system disc contains a utility C.CLOSE to close all open files. You can use it to close SPOOL and EXEC files that are left open on an error. To close files, enter

```
*/C.CLOSE
```

### \* commands

Some '\*' commands corrupt language memory and therefore should never be used from AMPLE. These include DFS \*FORM40/80, \*VERIFY, \*COPY and \*BACKUP.

### making working system discs

You can make copies of the system disc without the example programs that are supplied on the original system disc, leaving more space for your own programs. The essential system files are locked, so you can safely use \*DESTROY to remove all others.

To make a working system disc, first make a complete copy of the original using the \*BACKUP command, then delete all non-essential files from the copy with:

```
*DESTROY *.* (answer 'Y' to both questions)
```

You can also keep system and program files on separate discs or sides of a disc - see the User Guide Chapter 'Further use of AMPLE', 'keeping files separately'.

%	Notepad	Staff
MAIN		
"GET	play	play
"NAME	text/ panel	copy
MAKE		
CLEAR		
SHOW		
MEM	insert line	Hybrid Music 5000 Synthesiser
"LOAD	delete line	
"SAVE	insert char	
	delete char	

**compatibility**

The Music 5000 is compatible with the following BBC Microcomputer models:

- Model B with OS 1.2, Model B with OS 1.2 and DFS
- Model B+, Model B+ 128K
- Master 128

**use with Music 500**

This software and documentation is supplied only as part of the Music 5000 package, and not separately as an upgrade for the Music 500 system. A separate Music 500 Upgrade Pack is available - Music 500 owners should contact Hybrid Technology for information.

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AMPLE Nucleus ROM, Studio 5000 disc, User Guide and Installation Guide (C) 1986 Hybrid Technology Limited

The software and documentation are supplied for the use of the ROM owner only. Copying of the ROM software and documentation is strictly forbidden.

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**user registration**

Please return this User Registration slip to the address above to ensure that you receive immediate news of new developments, and that we can issue you with passcodes for further software issues.

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 ELECTRON USER

Name \_\_\_\_\_

Address \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

ROM ID \_\_\_\_\_

Date purchased \_\_\_\_\_

Where purchased \_\_\_\_\_