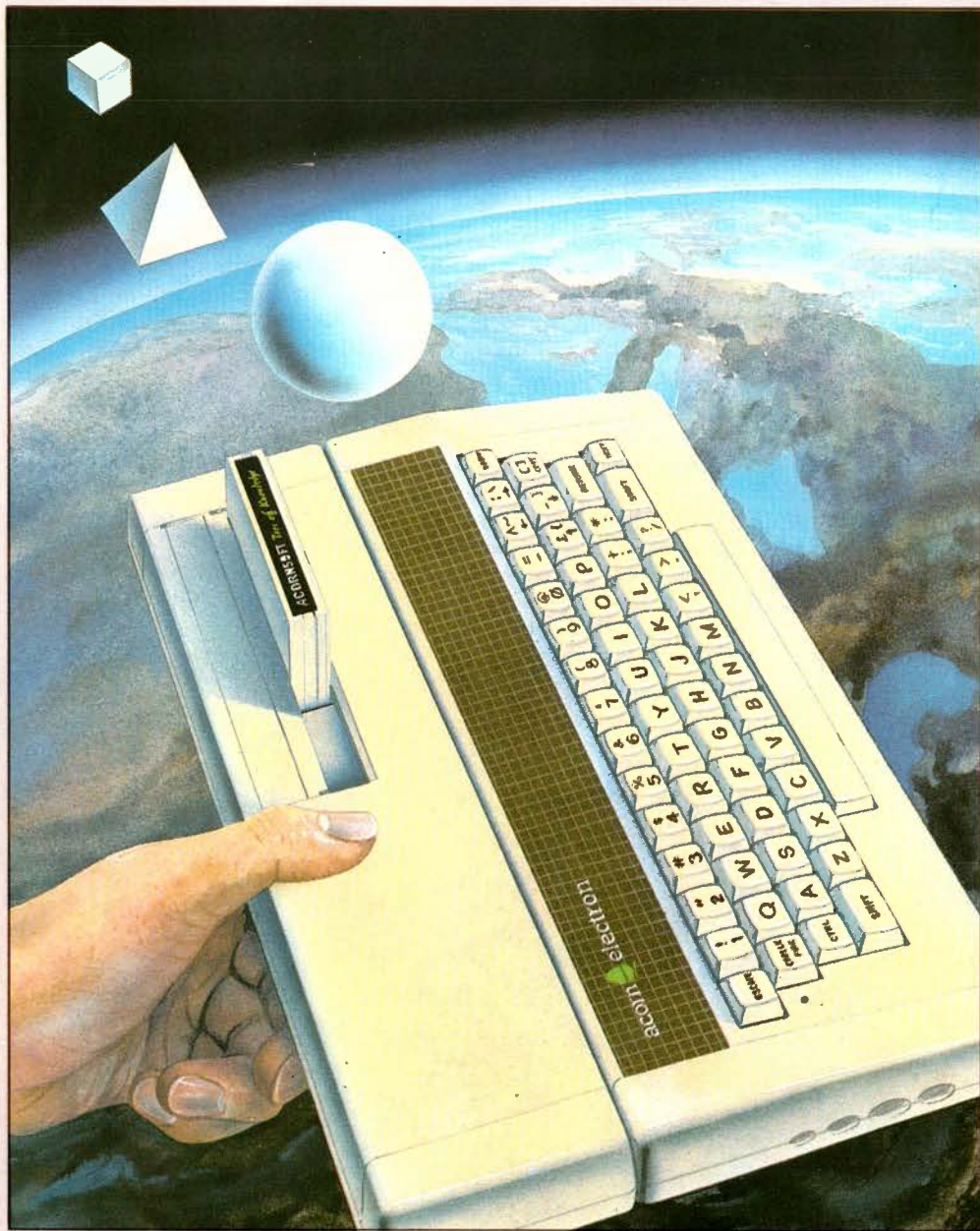




electron plus 1

NEW DIMENSIONS IN CAPABILITY



electron plus 1

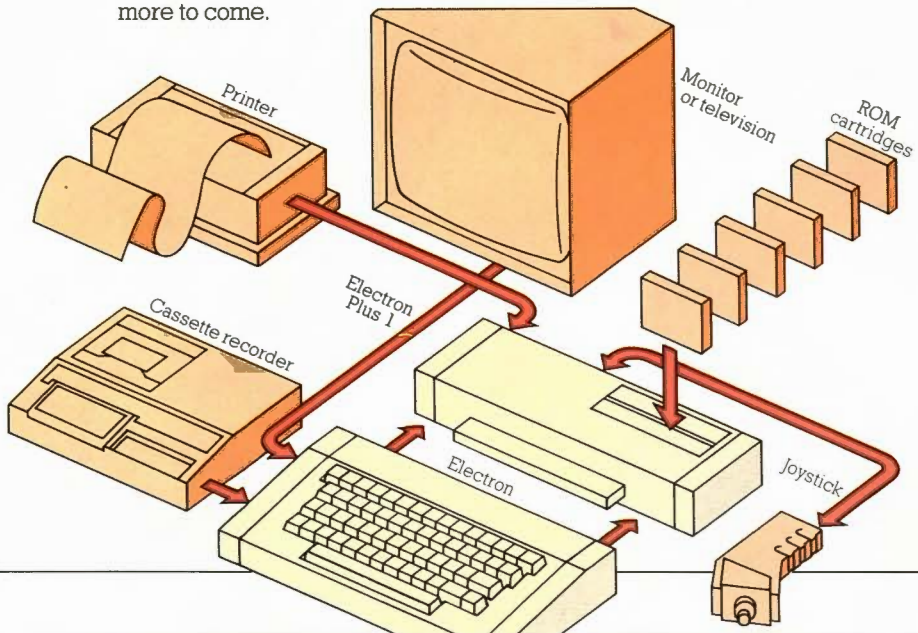
Electron Plus 1 is a hardware expansion unit which instantly allows your Electron home computer access to a printer, joysticks and solid-state program cartridges.

ADD-ON CAPABILITY

With this compatibly styled and coloured add-on unit, your Electron's capability is greatly extended. The joystick input (designed to take two fully proportional joysticks or four games paddles) creates a new dimension in games possibilities, while the printer output opens the door to more serious uses, including word processing and financial calculations, as well as permitting you to list your programs or produce impressive graphics in black and white or in colour (with a suitable printer).

CARTRIDGE SLOTS

Each of these possibilities is enhanced by the other big feature of Plus 1: two cartridge slots designed to take software cartridges - the simplest, most convenient way to transform your Electron into a dedicated word processor or games player. There's no need to connect a tape recorder or wait while your program loads. Just slot in your cartridge and go! Acornsoft has produced an initial range of games, educational and computer language cartridges, with many more to come.



HARDWARE EXTENSION

Plus 1's cartridge slots will also take hardware extension cartridges which allow you to add even more capabilities to your Acorn Electron - for example, an RS423 serial interface for connection to serial printers, modems and other computers. More hardware extension cartridges will be announced as they become available.

EASY ASSEMBLY

Plus 1 connects quickly to your Electron, forming the two into a single, sturdy unit. You simply slot Plus 1 into the Electron's PCB edge connector and tighten the two captive screws with a coin. Plus 1 draws DC power from the Electron via the back connector, so it needs no additional power connection.

MORE TO COME

As the name suggests, Plus 1 is only the first of a series of Acorn Electron expansion units which will allow you to build an Electron system custom-tailored to your requirements.

SOFTWARE NOW AVAILABLE

Here are just some of the programs already available on ROM cartridges for Electron Plus 1.

GAMES: Snapper, Starship Command, Hopper, Countdown to Doom.

EDUCATIONAL: Tree of Knowledge is an interactive program which is both educational and fun. The idea is to identify objects by asking a few simple questions. Once 'taught' about a particular class of objects - fruit, trees, animals and so on - the computer can give surprisingly intelligent answers.

LANGUAGES: LISP is designed to introduce students to one of the oldest and most versatile computer languages - and the basis of much artificial intelligence research. When plugged in, LISP takes the place of the BASIC ROM inside your Electron. Complete with demonstration programs.



PLUS 1 TECHNICAL DESCRIPTION

Electron expansion unit ('Plus 1')

Function: Adds interface capability to the Acorn Electron home computer
Requires: Acorn Electron
Interfaces:

Printer

Centronics compatible interface
26-way IDC connector
Fully compatible with BBC BASIC

Joystick (analogue) input
8-bit four-channel A-to-D converter
1.8V reference (available on connector)
Resistive or voltage input
15-way D-type connector
Fully compatible with BBC BASIC

Cartridge slots (two)
Designed to take Acorn or Acornsoft cartridges (paged languages/ utilities or BASIC programs)

THE PACKAGE

The unit comes complete with a User Guide which gives full details of how to connect and operate Electron Plus 1 and includes information on how to write your own programs to make use of its facilities.

SUPPORT AND SERVICE

Acorn Computers has built up one of the most extensive dealer and service networks in the country, a network which covers Plus 1 as well as the Electron. Each approved dealer is able to offer you advice as well as carry out repairs. In addition, Acorn has a specialist service centre which will undertake warranty work during the six-month guarantee which covers Plus 1.



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