

**SLOW MOTION  
AND  
FREEZE FRAME**

**FOR BBC, CBM 64  
OR  
SPECTRUM**

## **MICRO SPEED CONTROLLER**

### **WHAT DOES IT DO?**

SLOMO provides the computer user with infinitely variable control over the speed of program execution. Nearly all software can be controlled from normal speed down to virtual standstill, or can be instantly frozen at any point.

### **HOW DOES IT WORK?**

SLOMO generates a variable pulsed signal which the main processor interprets as a peripheral demanding priority. The program execution is halted until the signal is reversed.

### **WHAT IS IT USED FOR?**

People are always finding new uses for SLOMO! – so far:–

**For games playing** – to achieve higher scores and improve skills on complicated programs – start at slow speed to learn the ropes, and gradually increase to suit yourself. Use freeze to give you time to think and take a breather.

For a longer period of freeze, use the slow motion control set at minimum speed. You can safely use this if you're called away and the program will remain at virtual standstill.

**For a computing aid** – slow running of programs during development to help fault finding and debugging. You can actually see graphics forming pixel by pixel and hear sounds note by note. Slow down text to a readable speed for word processing and program listing. Freeze at any time to pinpoint possible problem areas or take screen shots.

**For a teaching aid** – to control program speed to suit individual pupils' ability allowing slow learners or those with special needs to be able to operate a program and achieve equal results to those with higher ability.

Teachers can control the speed of a demonstration program and can freeze to give special emphasis or create discussion points. Slow motion can be used to delay the repeat function for keyboard entry, thus avoiding multiple character input which sometimes occurs with younger children.

**In medical rehabilitation** – used in occupational therapy departments of many leading hospitals to help disabled people operate the computer within their own ability. The O.T. has a great advantage in being able to adjust speed as the patients' confidence improves and can monitor individuals' progress. (calibrated dial available on request).

**And other uses ...** Robotics, machine tool control, process control, where SLOMO allows variable speed control without the need for special software routines.

### **HOW SAFE IS IT?**

SLOMO should not be connected or disconnected whilst power is switched on – in fact it can be left permanently plugged in with complete safety.

Slow motion must be switched off when loading or saving, otherwise programs could be lost (the LED safeguards against this possibility).

**A COMPACT HAND-HELD UNIT  
(shown actual size)  
WITH CABLE AND CONNECTOR FOR  
FITTING DIRECT TO COMPUTER.**

**R.R.P. £14.95 incl. VAT (U.K.)**



Patents  
Pending

### **HOW DO I OPERATE IT?**

The unit plugs directly into the computer:

- BBC** – Tube slot (adaptor available for use with 2nd processor)
- CBM64** – Cartridge slot (extender included)
- SPECTRUM** – Expansion slot (extender included)

Power is taken from the host computer and no operational software is required.

The right hand push switch activates slow motion; a red LED indicates 'on' and speed is set by the centre dial. The left hand switch operates instant FREEZE FRAME whilst pressed, and returns to the previously set speed when released.

### **WILL IT WORK ON ALL SOFTWARE?**

SLOMO will control the speed of all keyboard and joystick functions on all programs. Full control can be expected on the majority of software.

### **IS IT GUARANTEED?**

The unit is constructed from high quality materials and components ensuring reliability in use. SLOMO, as with all Nidd Valley products, carries a six month guarantee against faulty workmanship or materials. Money back guarantee to mail order customers if not completely satisfied.

**AVAILABLE DIRECT FROM NIDD VALLEY BY MAIL ORDER, OR FROM STOCKISTS**

### **NIDD VALLEY MICRO PRODUCTS LTD**

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We accept official orders from UK Government and educational establishments.  
**PLEASE STATE FOR WHICH COMPUTER REQUIRED.**