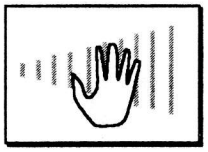
The Hybrid Music System

"There is no comparable integrated music system for any micro."
The Guardian

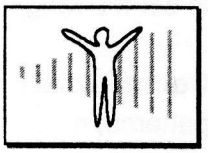
Music + IT for Special, Primary and Secondary

The Hybrid Music System is a comprehensive range of integrated computer music resources widely used in education, home and studio. Its BBC Microcomputer-based system packages for Special Needs provide fulfilling and creative environments in which users can overcome learning difficulties, handicaps and behavioural problems to enjoy sound and music in a wide range of educational, recreational and therapeutic activities. It has been widely acclaimed by users and the press, and in 1991 won a national Educational Technology Award. The latest addition to its existing input options of touchscreen, switches and music keyboard is the Music 6000 Sensor.

Music from Movement – the Music 6000 Sensor



The Music 6000 Sensor is an exciting new non-contact input device that lets anyone control musical sound simply by moving in space. It uses a beam of ultrasound to project an invisible 'soundstage' in which the position and movement of finger, head, limb or whole body are translated directly into sound – each gesture can play a note, trigger a chord, perform a tune, sweep a sound around in space or create a detailed sound texture. The soundstage can take the form of anything from a simple musical instrument to a complex interactive sonic environment, varying from a few inches wide to 20 feet across. The Sensor's applications range from sensory stimulation of the profoundly handicapped through musical concept work, right-up to musical performance integrated with dance and drama.



Though sensor-beam music devices have existed in experimental and/or costly forms in the past, *the Music 6000 Sensor is the first to be created specifically for schools and at an affordable price.* Its benefits are described in full overleaf. It is available in the following packages:

Complete Sensor System for an existing BBC Microcomputer (any model):
Music 6000 Sensor, *Soundstage* program, Music 5000 Synthesiser,
Music 1000 Amplifier, pair of book-shelf speakers and Music 5000 audio lead. **£462.30**

Standard Sensor System for an existing BBC Microcomputer and amplification (such as a hi-fi):
Music 6000 Sensor, *Soundstage* program and Music 5000 Synthesiser. **£267.00**

Sensor Add-on for an existing BBC Microcomputer with Music 5000 Synthesiser:
Music 6000 Sensor and *Soundstage* program. **£168.00**

Optional **Music 4000 Keyboard** for soundstage creation and conventional performance. **£129.00**

If you would like a demonstration to a group of teachers, please enquire. For detailed prices and ordering information, please see the enclosed price list & order form. For information on the complete range of Hybrid Music Systems for special, primary and secondary, please enquire.

The Music 6000 Sensor system is the *only* sensor beam system with the following benefits:

Affordability – because it uses your existing computer, the Sensor package costs just £168 by itself, or around £460 complete with synthesiser, amplifier and stereo speakers – more than £600 less than the nearest alternative system from other manufacturers.

Suitability – the system has been purpose-designed in consultation with practicing teachers for use in the classroom. Its performance doesn't depend on extra equipment and it requires no specialist knowledge of interfacing or operation, for example, of MIDI instruments.

Accessibility – the computer handles the details of operation automatically, leaving even the most non-technical teacher free to concentrate on the pupils rather than the equipment. Even the advanced facilities available from the computer are operated using just arrow and RETURN keys.

Flexibility – the Sensor includes a remote beam unit mounted on a flexible goose-neck, making it easy to instantly point the beam in any direction, such as across the floor for a group music and movement session or down towards a prone handicapped child for one-to-one work.

Simplicity – the computer controls the beam automatically, eliminating the need for manual knobs or switches on the Sensor. The computer screen measures, displays and records the movement – to set the range of the beam to a certain movement or space, the user simply presses one key.

Controllability – teachers and pupils can very easily choose from an unlimited range of sounds, patterns, notes, silences, scales, chords, tunes and sequences, without restriction to pre-set patterns. Stereo control allows sounds to follow movement in space or move independently.

Repeatability – the teacher may store all choices and sounds on computer disc under the name of the pupil, class, activity etc., and then swiftly recall them for a future session. Each disc can hold up to ten sets and provides an option to make an unlimited number of further discs.

Configurability – each disc may be pre-configured with the range and settings appropriate for a particular application, so that the teacher need only start the system and press one key to begin work. A library of pre-configured discs may be created to simplify selection in the classroom.

Expandability – the optional Music 4000 Keyboard lets the user create their own musical material and position it anywhere in the beam, from simple notes to chord sequences. The screen's coloured graphic note display lets teach and pupil compose and edit even complex soundstages.

Longevity – because the function of the Sensor system is determined by a computer program, rather than the Sensor unit itself, the user is always free to adopt new Sensor applications that become available in the future. Programs for further musical applications are already planned.

Compatibility – the Sensor system supports over one hundred further music education programs that use the high-quality sound of the Music 5000. These range from special needs *SoundWorlds*, through favourites such as *Compose* and *Recorder Tutor*, to packages for GCSE and A-level.

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