The BBC Microcomputer
Teletext System

The BBC Microcomputer Teletext System can accept and store teletext information transmitted by both BBC and ITV, providing access to teletext and telesoftware services broadcast on UHF channels E21 to E69.

The Teletext System is designed to match the BBC Microcomputer in style and colour, and is supplied with cables to connect it to the computer and to the mains electricity supply, and a teletext filing system Read Only Memory (ROM) installed inside the computer. The adaptor simply connects to the television aerial, enabling the monitor to receive and decode teletext data.

Teletext reception

In 'terminal mode' the system receives and decodes display pages from both CEEFAX (BBC) and ORACLE (ITV). A four channel UHF tuner demodulates incoming signals and feeds a composite video signal to a video processor. Teletext data, which is transmitted between the picture lines on a television, is stored in the system's internal 1K Random Access Memory for transmission to the BBC Microcomputer. From there it can be transferred onto tape or disc. All data processing is controlled by a ROM fitted inside the BBC Microcomputer.

Telesoftware

In 'telesoft mode' the system can load, run and execute programs transmitted on CEEFAX and ORACLE. Incoming signals are captured and processed as in the terminal mode, which means that programs can be run as they arrive. The BBC Microcomputer will respond to commands sent by teletext. Programs which can be sent this way are many and varied and include educational packages.

The Teletext System can only be fitted to a Model B BBC Microcomputer, though the Model A can be upgraded. It comes complete with a User Manual.

The microcomputer must be fitted with a Series 1.0 Machine Operating System.

For further details ask your nearest dealer or write to PO Box 7, London W3 6XJ.

*A high-quality television signal is required to receive teletext information. Please contact your dealer for advice.

The BBC Microcomputer
Teletext System