

## SECTION 22

### PICTURE SYNCHRONISER UN1/522

The UN1/522 is used for picture-source synchronising by the original method of slavelock described in Instruction V.1. The synchroniser accepts two inputs, which can be either a mixed-sync waveform or a composite video waveform, and produces a twice-line-frequency sine-wave output signal. This

signal, fed to the sync pulse-generator at the controlled source, brings the two inputs into synchronism. The unit differs from the UN1/528 in that it operates on the 405-line standard only; the block diagram is given in Fig. 22.1 but all other details are as given in the description of the UN1/528.

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*See page 22.3 for Fig. 22.1*

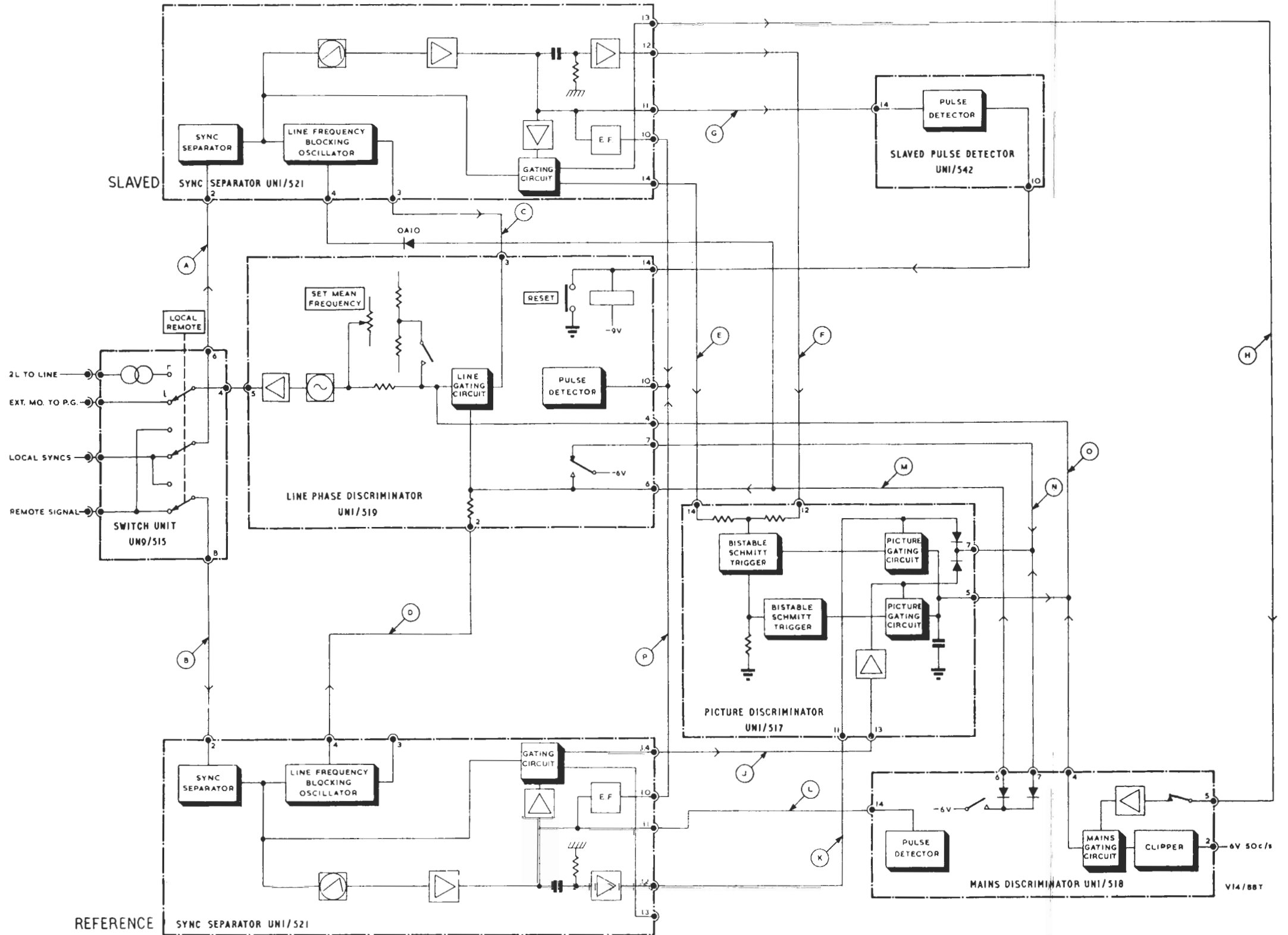


Fig. 22.1 Block Diagram of the UNI/522 in the Genlock Mode