

### 6-WAY PHASE SHIFTER EP1M/511

The EP1M/511 accepts inputs of reference sub-carrier, mixed sync pulses and six sets of d.c. colour-error control signals; it produces six outputs of colour subcarrier whose phases are individually adjusted in steps of 1.5 degrees by the application of the error control signals.

The EP1M/511 comprises the following units mounted from left to right in a double PN3/23 panel:

*Upper PN3/23*

Digital Phase Shift Unit CO2/522 (four).

*Lower PN3/23*

Digital Phase Shift Unit CO2/522(two).

Video Distribution Amplifier AM4/517.

Colour Subcarrier Frequency Converter CO2/521.

Power Supplier PS2/36.

Operation of the EP1M/511 is described in Instruction GP.3; the Test Procedure is given under EP1/509.

MJR 4/68

RH 1/72