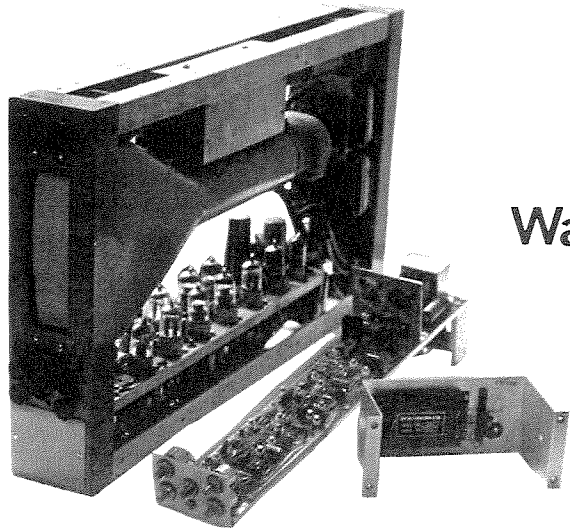
BBC Engineering Design Information

DESIGNS DEPARTMENT LIAISON UNIT BBC LONDON W1A 1AA 01-580 4468 EXT. 4345



Waveform Monitor
MN6/510

This is a modified version of the MN6/501 Waveform Monitor which is often used in studios together with a picture monitor. The monitor dates from 1960 and thermionic valve circuits were employed in the design. The unit is now becoming increasingly difficult to maintain.As the facilities it provides are still required and not provided by any modern equipment, a modification has been devised to extend the life of the monitor by replacing the valve processing chassis with a solid state equivalent and the EHT unit with a modern encapsu - lated unit. The modification is available as kit which has been designed so that it can readily be fitted by local maintenance staff.

This also gives the advantage of reduced power consumption which is estimated to give an average saving in running costs of £1.50 per annum at 1975 prices.

The modified monitor is re - coded MN6/510 and the old serial number retained.

GENERAL DATA

Power requirement:	35W from 240V a.c. mains.
Input Signal:	1V p-p composite video or 0.7V p-p video.
Input Impedance:	75 Ω terminated or high impedance bridged.
Frequency response:	3dB approx at 700 kHz.
Synchronization:	Internal source or external 2V p-p mixed sync.
Dimensions:	85mm wide x 332 mm high x 595mm deep (excluding rear connectors and front panel knobs).
Weight:	11 kg.

For further information please contact M. G. Nutt, Room 111, Western House (PABX BH 4210)