

MONITOR CONTROL UNIT UN3/521

The UN3/521 forms part of the MN7M/504 Precision Subcarrier Frequency Monitor. The unit accepts the following signals:

Clean feeds	Local mixed syncs (or composite video) Local subcarrier Remote composite video and burst Droitwich receiver output (200 kHz or 1 MHz)
From OS1/502 or OS1/513	Subcarrier from burst-locked oscillator
From UN1/540	Separated mixed syncs Burst gate pulse
From UN1/603	Decimal digits Command in

The unit provides the following lamp and signal outputs after switching and processing in the unit:

Lamp indication	<i>Droitwich</i> <i>Burst</i> <i>Alarm</i>
To OS1/502 or OS1/513	Selected video including PAL colour burst
To UN1/603	Relay Drive Decimal-point drive Reference 1-MHz
Front connections to UN1/603	Switched and processed signals to <i>Output A</i> and <i>Output B</i>
To MN7M/504 rear panel	Interrupted 1-kHz tone under <i>Alarm</i> conditions

The UN3/521 is constructed on a modified CH1/26B chassis. It contains a Power Supplier PS2/22B which requires a mains input.

For the circuit and details of operation and alignment see Instruction MN7M/504.

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