



Standard Compact Recorder Single Line PM 8251/21

9499 430 04111

770701

OPERATION MANUAL

The following information should be noted in conjunction with the operation manual for the PM 8251/02. The PM 8251/21 differs from the -/02 as follows:

A. Measuring Range (Fig. 1)

Model -/21 has a multirange facility from 1 mV up to 5V f.s.d. in 12 steps .

For calibrated full-scale setting up to 50 mV, the switch "SPAN" should be placed in position "mV", and for settings above 0,1 V (100 mV) in position "V".

Variable span adjustment increases the sensitivity by a factor of 3 approx. to 0,35 mV.

B. Accessories

1 Remote control lead for Pye Unicam Instrumentation (see C).

C. Recorder chart start/stop Remote control connections

A cable is provided, with a 5-pin plug at one end and a 2-way socket at the other. The chart drive can be started by contactclosure to 0 V (earth), effected by connecting pin 4 to pin 2 (earth) on plug RC1 (X9) via the remote control lead. An open circuit stops the chart drive.

Note 1: Pin 1 and pin 2 are interconnected in the 5-pin plug marked RC1.

Note 2: The recorder can be remotely controlled if the plug is connected to X9. The chart will be transported now at the selected speed.

D. Pen Remote Control

If pen remote control functions are required, an optional conversion kit can be ordered under code number **510675**

Spectrophotometers

– Connect the 2-way socket to the "Recorder Control" plug of the spectrophotometer system as follows:

<u>System</u>	<u>Plug</u>
SP 500 /SP 505	CHART MOTOR ON SP 505
Spectrophotometer system /SP 40 /SP 425	RECORDER CONTROL on SP 40 /SP425
SP 2900 /SP 9 - 01	} RECODER on SP 9 - 01
SP 1900 /SP 9 - 01	
SP 190 series /SP 9 - 01	
AC 30	} CHART DRIVE on AC 1
SP 6 - AC 1	
AURA SYSTEMS	
SP 1700 /1750 /1800 /1825	PLA on SP 1825

S4 and S8 Autojectors

– Remove the 2-way socket from the end of the cable and connect the wires to the PROGRAMME COM and N.O. sockets on the S4 or S8 (See "Remote Connections" in the S4 and S8 manual).

Specifications (deviating from /02 version)

Measuring ranges

Calibrated : 1-25-10-20-50 mV
0.1-0.2-0.5-1-2-5 V

Var : continuous adjustable between the calibrated ranges by a factor 3 (min. 350 μV).

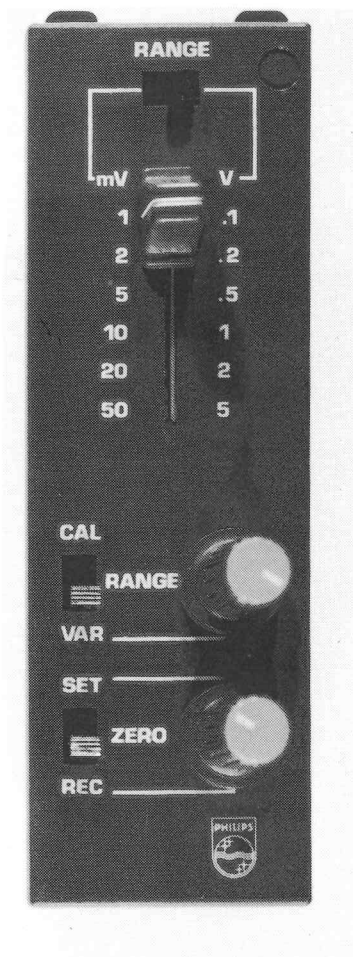


Fig. 1.