

Programming POD for VBI Inserters

The Programming Pod is a small, hand held, unit which connects to the rear of Microvideo's VBI Data Inserter (Part No. INS-S). It may be used to view or alter the 16 insertion tables stored in the inserter's EEPROM. The insertion table instructs the VBI Inserter what to do on each line of the VBI. For example the inserter may pass through existing data, blank a line or insert from one of its data sources.

POD OPERATION

SETUP: A 16 position rotary hex switch selects which table (0 to F) to program or view. This setup select is independent of the setup select on the inserter itself (SW3). This means that it is possible to view or alter one setup while another setup is 'on air'.

LINE SELECT SWITCHES: TENS and UNITS selects the line you wish to view or alter. The POD numbers the lines on a field basis. A line in field 2 has an offset of 313 lines (for PAL), so line 335 = line 22 in field 2.

FIELD SELECT: Selects field 1 or field 2.

MARKER ON/OFF: Enables a marker signal to be inserted on the analogue composite output (if fitted). The marker is inserted on the line selected by the line select switches.

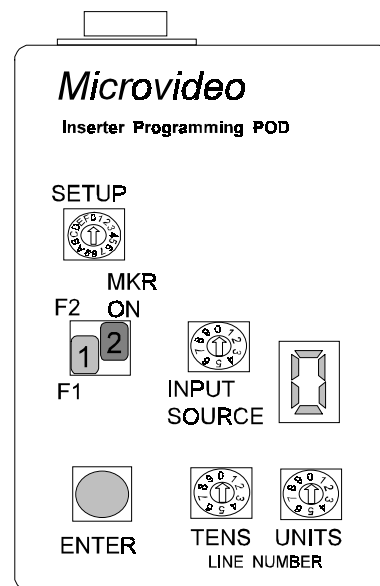
SOURCE SELECT: When using the pod to program the insertion table, this switch is used to select one of 10 sources for the selected line. See source select table for meanings

ENTER: Press this button to change the setting of the selected line to the source chosen by the source select switch. The number displayed on the LED will change to show that this has been done.

DISPLAY: A 7 segment LED display shows a number 0-9 which represents the setting for the selected line. The meaning of the number is the same as the source select - see table. This allows you to view the settings and also acts as confirmation when altering a setting, because the number will change to show that the setting has taken effect.

PHYSICAL: 75mm x 35mm x 105 mm

POWER : The POD is powered from the Inserter.



SEL	SOURCE
0	Pass SDV
1	Blank
2	Analogue 1
3	Analogue 2
4	Analogue 3
5	Analogue 4
6	ITS 1
7	ITS 2
8	ITS 3
9	ITS 4

Product Code: POD-INS

Programming POD for Microvideo VBI Inserter

Note : The POD can be used on Microvideo VBI Data Inserters (INS-S version A) shipped since April 98 (approx). If you wish to confirm whether your inserter can be programmed by the POD, you need to check for a 15 way high density D type socket on the rear of the inserter frame. Alternatively contact Microvideo, providing the serial number of the unit.

MICROVIDEO LTD, Front Office, Copley Hill Farm, Babraham, Cambridge, ENGLAND CB2 4AF

Tel +44 (0) 1223 834119 Fax +44 (0) 1223 834471 Eml - sales@microvideo.co.uk Web - www.microvideo.co.uk
Data sheet ref - pod-ins2.dtp