

PRODUCT INFORMATION

PI 9/78E

NEW AUTOLOCATOR for STUDER A 80

A newly designed autolocator is now available within our range of accessories for the STUDER A 80 Tape Recorder. Owing to modern micro processor technique, the new autolocator offers a variety of additional features over its predecessor. With this, it simplifies operation and helps to speed up production.

Basically, the autolocator consists of 2 modules -

- the command and display module
- the micro processor electronic module

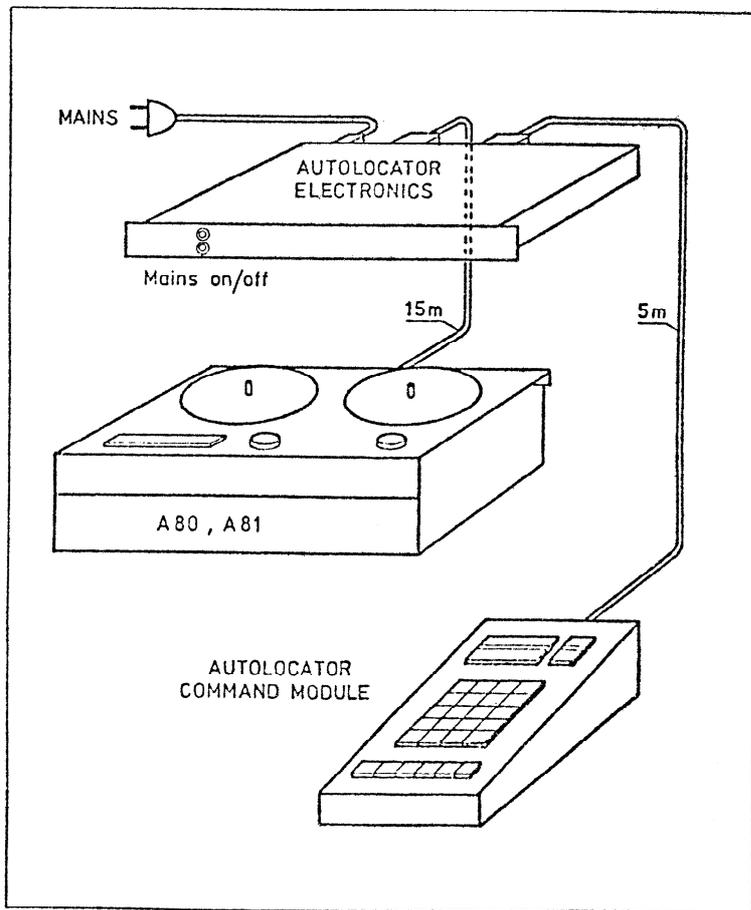
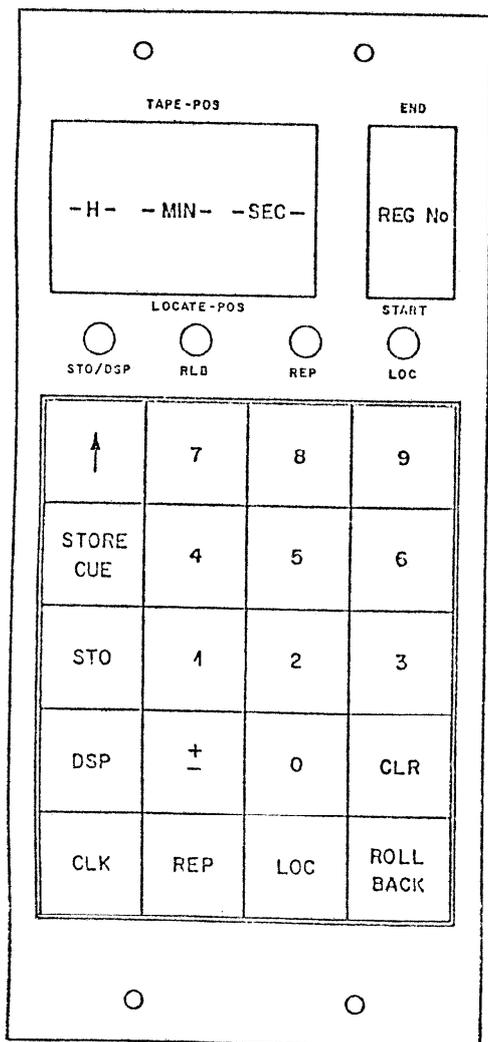
The new model can be connected to the following STUDER tape recorders:

- A 80/VU
- A 80/R
- A 80/RC
- A 81

Operating Instructions

Installation: At the rear of the 19" rack module, two 37-ways sockets and the mains socket are mounted. These are labelled "DISPLAY UNIT" and "RECORDER REMOTE MODE CONTROL".

The layout drawing below shows the interconnection between recorder and autolocator.



Power on:

Power is turned on by means of a mains switch on the front panel of the 19" rack module. After a time lapse of approx. 5 secs., an automatic clear signal resets all information with the exception of the address registers. The two time displays now indicate

H	MIN	SEC
0	00	00

The autolocator is now ready for operation.

Indicators:

- TAPE-POS The tape position display indicates the current position of the tape on the machine in all operating modes - in hours, minutes and seconds. Change of time indication (setting a new zero reference point) is only possible by means of pushbutton marked "↑".
- LOC POS This display either indicates the tape position to be located or the content of the registers selected by means of a keyboard as well as keyboard entries in process.
- START REG NO These two digit displays show the store number selected with the keyboard, content of which is being displayed on the LOC-POS display. During a "roll-back" entry, it indicates the offset time fed in via the keyboard.
- END REG NO The second two digit displays indicate the store number which has been selected to mark the end point in the repeat mode of operation.
- STO/DSP This LED lights up after pushbutton STO or DSP has been pressed and indicates that the store number to be addressed must now be entered via the keyboard.

- RLB This LED lights up after pushbutton RLB has been pressed to indicate that the desired offset time must now be entered.
- REP The REP/LED lights up whenever the repeat mode is selected.
- LOC The LOC light is on during search mode.

Pushbuttons:

- STO Pressing pushbutton STO, followed by the desired store number, enters the information displayed in the LOC POS window into the selected store. The content of the stores is not cancelled when the power is turned off. The 20 available stores can be addressed to with the numbers 0...9 and -0...-9.

Enter and Store:

Press CLEAR → enter information → entry shows up on LOC POS display. Press STO → STO/DSP lights up → enter store number (0...9 or -0...-9), → STO/DSP light extinguishes.

- DSP This pushbutton serves to interrogate the stores. Interrogate store and display content:

Press DSP → STO/DSP lights up → enter desired store number (0...9 or -0...-9) → content is displayed in LOC POS window → STO/DSP is off.

- STORE CUE Selects one of the -0...-9 registers automatically, and stores the information displayed in the TAPE POS window instantly. Pressing the STORE CUE button again automatically selects the next following register.
- Pressing pusbutton "↑" transfers information from LOC POS to TAPE POS window serving to set the tape timer.

LOC Pushbutton LOC initiates the search mode. Interruption of it is only possible by pressing button STOP.

REP This pushbutton enables continued repetition of a selected piece of tape.

Select and Repeat:

Press REP → REP lamp lights up → Enter store number (start point). Content is now shown in LOC POS window. → Enter store number (end point) → content in TAPE POS window → Press REP → Repeat Program starts.

The repeat mode can be cancelled by pressing STOP button.

ROLL BACK LOC POS can be held for 1 to 9 seconds by means of the ROLL BACK button.

ROLL BACK → RLB lights up. → enter a figure between 1...9. Machine reverses by the amount entered → RLB off.

CLK An internal clock can be called with pushbutton CLK. LOC POS window is used to display the time in hours, minutes and seconds, whereas START REG NO window indicates 1/10 of seconds.

Pressing CLK starts the clock - pressing it again stops the clock.

CLEAR Sets LOC POS display to zero and clears START and END REG NO.