

PRODUCT INFORMATION

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STUDER TAPE LOCK SYSTEM 2000  
A SYNCHRONIZATION AND EDITING SYSTEM THAT LEAVES NOTHING TO BE DESIRED

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The "Tape Lock 2000" System has been particularly developed for recording studio, video-audio and film-audio application. It is based on an internationally accepted SMPTE code and operates on any frame standard presently used.

The STUDER TL 2000 System is especially interesting because of its built-in features for audio-audio application. The system has an unsurpassed synchronization accuracy and resolution achieved by latest available technology. The operational possibilities are almost unlimited, giving the sound engineer a creative tool for his work. Up to 46 tracks or more, if so desired, can be made available for very elaborate recordings in an economical way. Due to the system's sophisticated brain, such large productions can be carried out very fast and efficient with a minimum of stress to the engineer. Another interesting aspect in a recording studio application is the possibility to lock up to any SMPTE code source, such as a helical cassette video recorder, film projector or MAG recorder. The built-in features for electronic editing, together with the modern A 80/VU and A 800 recorders, provide for fully automated and precise electronic editing.

The STUDER "Tape Lock 2000" System not only offers entirely new dimensions in recording - it also opens new markets for the recording studio which wants to be state of the art.

46 Tracks on 4 Inches of Magnetic Tape

TLS 2000, a synchronization and editing system with almost unlimited applications and possibilities in the audio, audio-film or audio-video field.

Some of the advantages of the system include:

- unlimited number of available audio tracks, expandable to your requirements,
- utilization of already purchased A 80/VU tape machines, therefore no loss of investment,
- fast and simple installation of system,
- more economical, each machine can be utilized separately until final mix-down where machines are synchronized,
- synchronization of machines with different track configuration,
- fully compatible with standard formats, utilizes internationally accepted SMPTE time code, accepts all frame standards,
- no interface necessary for syncing up to non-STUDER products as long as SMPTE time code can be provided,
- extremely high system resolution minimizing phase errors between master and slave audio machine,
- loop operation,
- precise electronic editing,
- phasing effects,
- variable speed control up to  $\pm 1 \frac{7}{8}$ th of a tone in steps of  $\frac{1}{8}$ th of a tone,
- slap-back, delay and echo effects,
- autolocator, based on time code or real time, programmable
- control of peripheral equipment for editing and sound effects, in audio-audio application or for sound post-production in video/film audio applications,
- adaptable to any STUDER A 80/VU or A 800 recorder,
- adaptable to most brands of Master machines for Master control (VTR's, film projectors, audio recorders etc.)