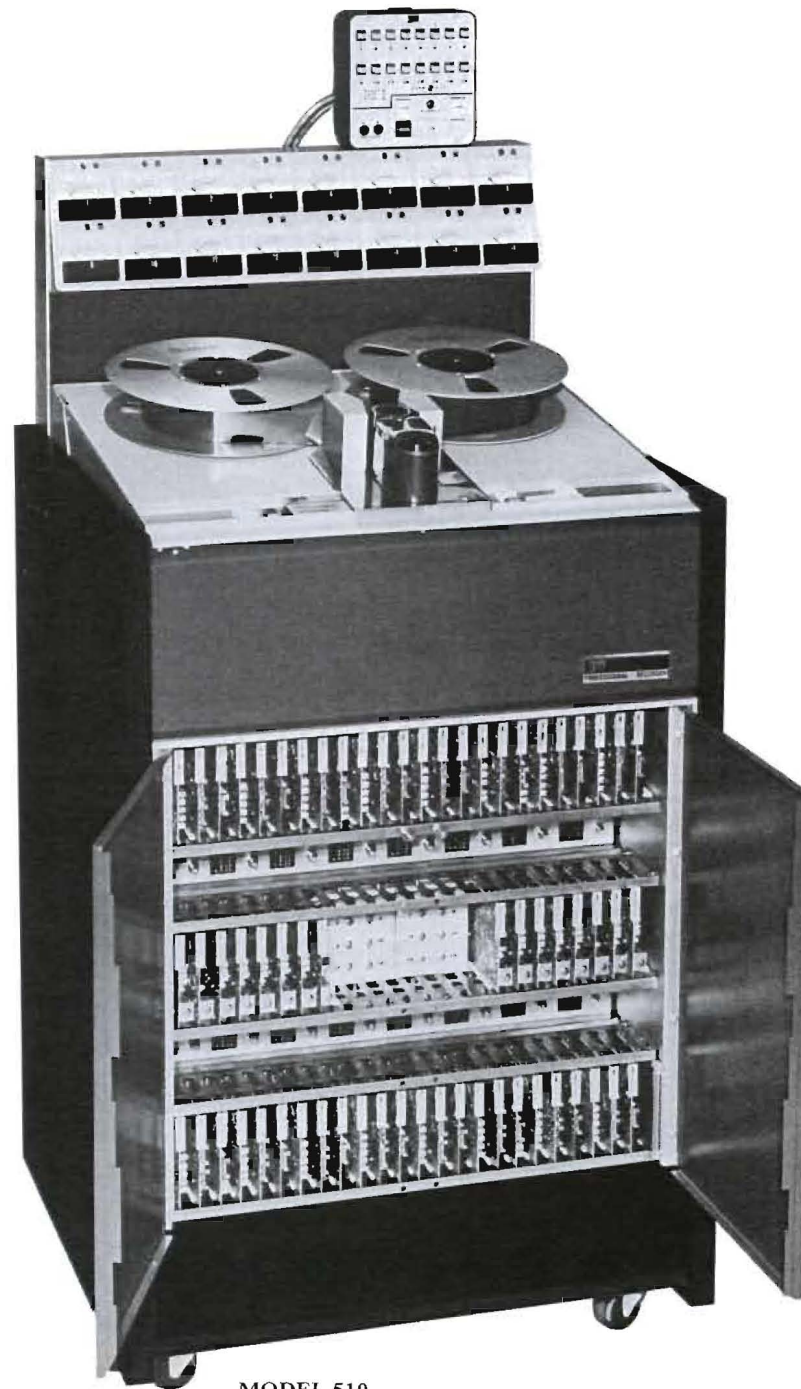


**Meet  
the  
pro's pro**

**The 3M Brand Professional  
Tape Recording System**

***this is  
the pro's pro***



**MODEL 510**  
2" 16-track recorder/reproducer with remote overdub control

## ***with a difference you can hear...***

The 16-track **3M Professional Tape Recording System** shown left has a number of differences you can see. But no matter whether you choose this or an 8- or 4-track version of our system, you also get a difference you can hear.

The finest, sharpest, cleanest sound ever produced by an audio recorder.

The **3M Professional Recording System** sounds better because its heart is our 3M "Isoloop" tape transport, which trims unsupported tape length by 70% (to a mere 3½"). This feature, together with our unique differential capstan drive (it provides a perfectly consistent tape speed over heads), works to reduce wow and flutter **and** scrape.

This system is easy to thread and accommodates anything from the narrowest of magnetic tape (150 mils cassette size) to 2"-wide, 16-track tape.

It has a 1½" top plate that's three times thicker than any other and made from honey-combed, cast aluminum for extra strength and stability.

Because its push-button controls are interlocked, they may be pushed in any order with no danger of tape damage.

Model 510 available as a 2" 16-track recorder/reproducer or 1" 8-track that is convertible to 2" 16-track for future requirements. Each model supplied with adjustable tape guides to accommodate 1" and 2" tape.

The **3M Professional Recording System** also gives you dynamic braking with built-in mechanical fail-safe brakes, complete motion sensing, and a safety remote overdub control. Plus the most compact overall size in the industry. Moreover, we've built this system with front access to all modules, the transport, everything. So if this system ever requires service, your people can fix it in seconds.



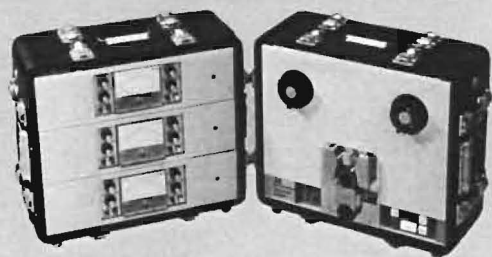
***And now  
3M offers a  
full family of  
buying options***



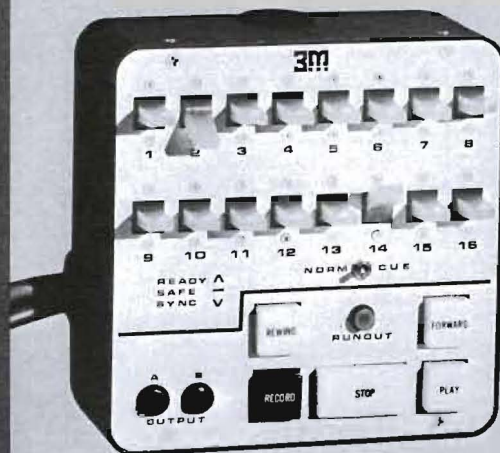
The complete 3M Professional Tape Recording System—8-track model



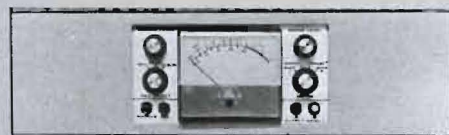
4-track version of the 3M System



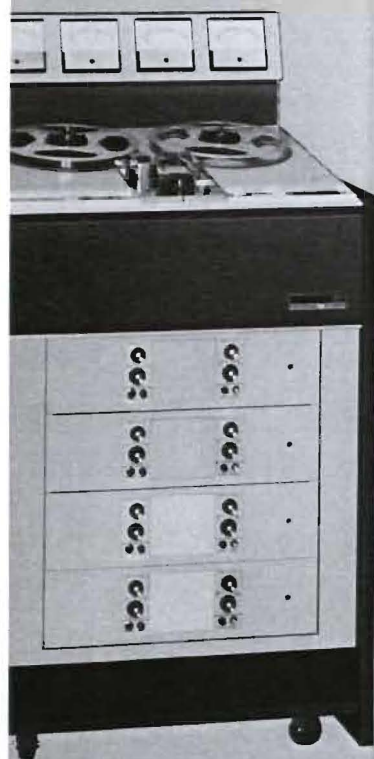
Compact portable model of the 3M Professional System for on-location work



Remote overdub control available for both the 8- and 16-track recorder/reproducers



3M Electronics Module



4-track version of the 3M System

When you choose the **3M Professional Recording System**, you also get to choose from a number of buying options.

For example, you can buy the *complete* 3M System—console, transport and NAB electronics—in a 16-, 8-, 4-, 2-, or full-track model (8- and 4-track versions shown far left). A remote overdub control is available that lets you dub from track to track; yet substantially reduces the possibility of accidental erasure.

Or you can order the **3M Professional Recording System** electronics and tape transport in a compact, portable case with rugged shock mountings that assure excellent on-location performance.

## Plus these accessories

**Film Sync Module.** A standard 1/4", 2-track transport with modified electronics module. Records synchronizing (or "pilot") tone from motion picture camera on same tape as the sound track audio to assure you of perfect playback synchronization... every time.

**Preplay Head Assembly.** Used to provide a monitoring circuit for automatically controlling your variable pitch record cutting lathes.

**Editing Foot Switch.** This switch can be used during tape editing to free operator's hands for splicing tape. Permits starts, stops and intentional tape spills as required for rapid editing.

**Remote Control.** Permits operation of the equipment from two locations. Available as boxed unit with connecting cable or for console mounting.