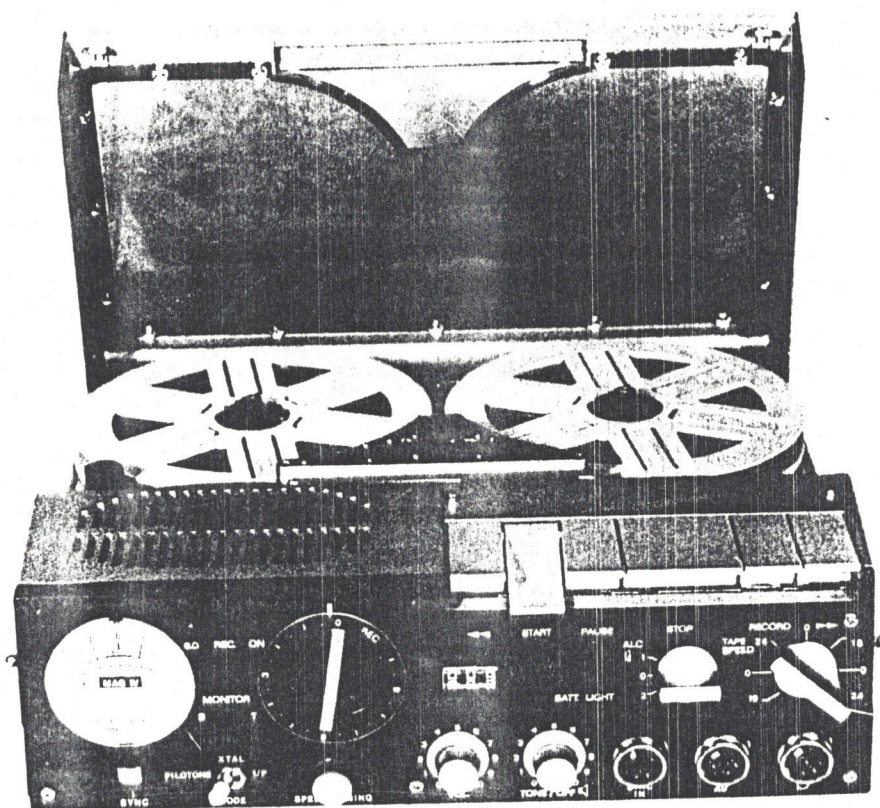


# THE MAG IV

OUR MOST  
SOPHISTICATED RECORDER



Modular Circuitry

Automatic Sync Tracking

Remote Start on Light, Sound or Manually

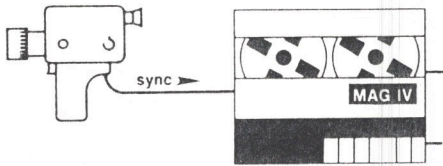
3 Head Tape Design For Source or Tape Monitoring

Crystal, Pilotone, or Once Per Frame Sync Compatible

Locking Microphone Connectors with Power & Remote Capabilities

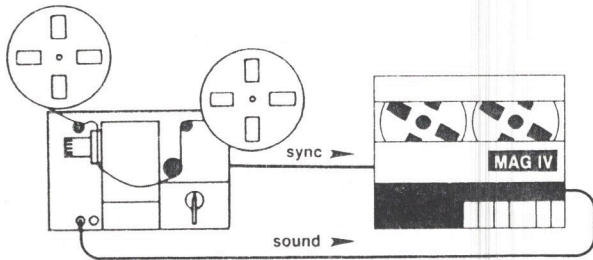
Small Format Audio Visual, Inc. • 95 Harvey St., Cambridge, MA 02140 • (617) 876-5876

The MAG IV uses special recording tape cut and perforated to the Super 8 gage. This special Mag tape gives the filmmaker an easy way to calculate how long the recording is, along with simple, straightforward editing using a Super 8 splicer. For the Super 8 user, this makes available the traditional double system editing techniques. For the 16 or 35mm filmmaker, the MAG IV is an economical alternative to other expensive location recording equipment. Any Filmmaker, Super 8, 16 or 35, or Videographer can utilize the multiple track sync capability that the MAG IV can offer.



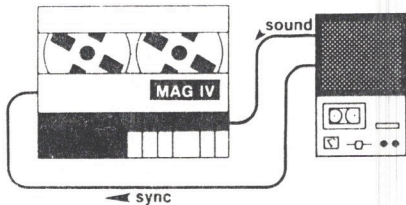
#### ON LOCATION:

The MAG IV will record in sync on location with most Super 8, 16mm or 35mm cameras. The basic requirement is that the camera be equipped with a once per frame output, tone burst or switch contact (PC socket of Super 8 Cameras) or, be equipped with a pilotone generator. Most cameras not equipped with the above output can be modified to do so. The MAG IV is crystal sync and can be run synchronous with any camera equipped with a crystal control. For certain Super 8 cameras, we offer crystal camera controls. These include most Nizo's



#### WITH A PROJECTOR:

The MAG IV will run in sync with any projector, Super 8, 16mm or 35mm equipped with a once per frame output, or that is AC line synchronous. A PKIT (Projector Modification Kit) can be bought for projectors not having this capability. This allows filmmakers the following flexibility: shooting single system and editing double system; editing double system and transferring to single system for projection; double system projection for high fidelity film screenings; sync sound telecine transfers to video tape; transfer of Super 8 sound to 16mm or 35mm blowups; transfer of 16mm or 35mm to Super 8 reduction prints.



#### WITH OTHER SYNC RECORDING EQUIPMENT:

The MAG IV can resolve (transfer to Super 8 fullcoat) a sync recording made with most location sync recorders, once per frame or pilotone. These machines include: **Open Head Systems**

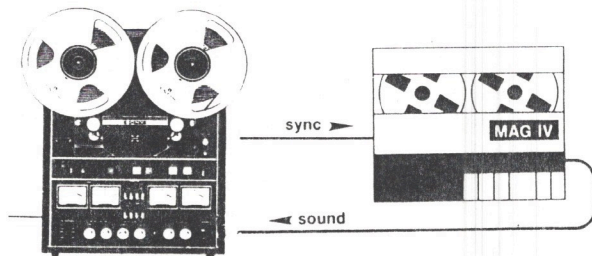
4000 Report

A/V systems, and **Pilotone Systems**

Nagra, Stellavox, etc. The MAG IV can also run in sync with most studio dubbers for transfers to 16mm or 35mm fullcoat.

#### WITH MULTIPLE TRACKS:

The MAG IV can sync with any multiple track recorder having more than one channel in the same direction. With a basic stereo machine for example, the MAG IV can dub a sound track along with a sync reference track to make a studio safe copy. With a multiple channel machine (4 track, etc.), the MAG IV can dub a first track along with a sync track, then by using the sync track as a precise speed reference, dub additional tracks in perfect sync with the first. This composite can be mixed down back to fullcoat in perfect sync. Multiple MAG IV's can also be interlocked to give multiple track flexibility.





# Super8 Sound

NINETY-FIVE HARVEY STREET, CAMBRIDGE, MASSACHUSETTS 02140. (617) 876-5876

## PROJECTOR MODIFICATION KIT INSTRUCTIONS

### Contents of Kit:

Reed Switch (2 included- one spare)  
Magnet (May be broken in half if smaller one is needed)  
Shielded cable with 5 pin 180° DIN plug for  
Super 8 Sound Recorder input  
Twin tube of Epoxy cement  
Terminal Strip

### Purpose

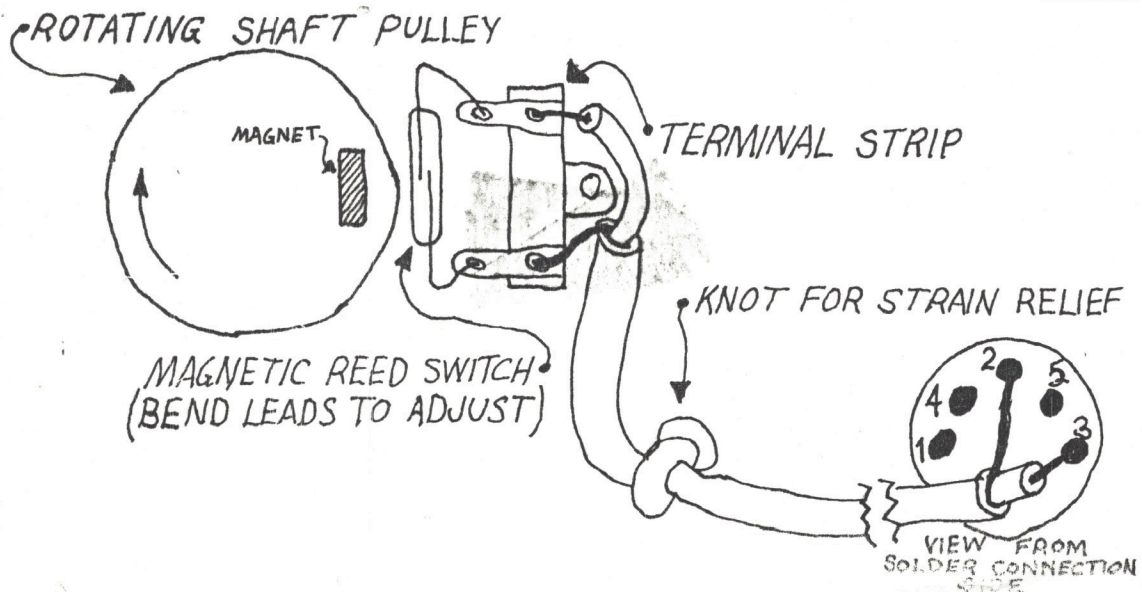
These components can be installed in almost any film projector to produce a once-per-frame switching signal for the Super 8 Sound Recorder, or for other sync sound systems requiring a once-per-frame contact switch. The modification is best made by a qualified camera repair service.

### Principle

The principle behind the modification is to mount a small permanent magnet somewhere on the main shutter shaft (which usually runs from front to rear of the projector and turns once per frame) so that it passes a miniature magnetic reed switch once each revolution. The reed switch will thus close briefly once for each new picture frame, preferably immediately after the pulldown of the new frame. This corresponds most accurately to the timing of the electronic flash contact switch in the camera.

### Schematic Diagram

Below is a physical and schematic electrical diagram for the projector modification kit.





May 31, 2001

FOR IMMEDIATE RELEASE AT SHOW BIZ EXPO

**THE CLASSIC PROFESSIONAL**  
**The Highly Evolved Super8 Camera from Pro8mm by Super8 Sound**

Pro8mm by Super8 Sound is excited to announce our highly evolved version of a classic Super8 camera. The camera has been redesigned to meet the demands of individuals who have professional aspirations. For the advanced 8mm filmmaker the Classic Professional allows the opportunity to use techniques available only in larger format 16 & 35mm film cameras.

Some of the exceptional features of the Classic Professional are as follows:

- 1) The optical path has been upgraded so that the camera has improved optic performance and now supports a standard C- Mount configuration and the ability to do a proper gate checking. The viewfinder is true reflex.
- 2) The transport is controlled linear from 2 to 70 frames per second with a setting for 24 frames per second. The switching has been upgraded and is now supported by a mechanical trigger release for greatly improved field reliability.
- 3) The internal mechanisms have been completely restored to exceed factory specifications, re-lubricated and recalibrate to maximize performance with Pro8mm film.
- 4) The power supply system has been upgraded to an external 2400Ma. pack, which will transport up to 50 rolls of Pro8mm film. Connection to the camera is made through a three-pin din, which can support other supplies. A super charger is available to charge the power pack in 1.5 hour in both 110V 60 Hz and 220V 50 Hz.
- 5) Camera weight is 1.5 pounds. Measures 4.5" high; 6" long and 2 3/4" wide. Accepts all Super8 and Pro8mm cartridge film. (Currently 12 different stocks available from 40 to 800 ISO.)
- 6) A selection of lenses including a 3mm Prime, 6mm Prime, 12 mm Prime, Anamorphic Prime, 4-32mm Zoom, 8-64mm Zoom, 6-66mm Zoom, 6-70mm Zoom, 6-80mm Zoom and 12-120mm Zoo manual lenses; and 4-32mm, 8-64mm and 6-66mm Power Zoom and Exposure Lenses.
- 7) Internally installed crystal sync control accessory at 24 fps or 25 fps and internally installed digital frame counter is available.
- 8) Available in custom colors ( blue, red, yellow, green, silver)



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