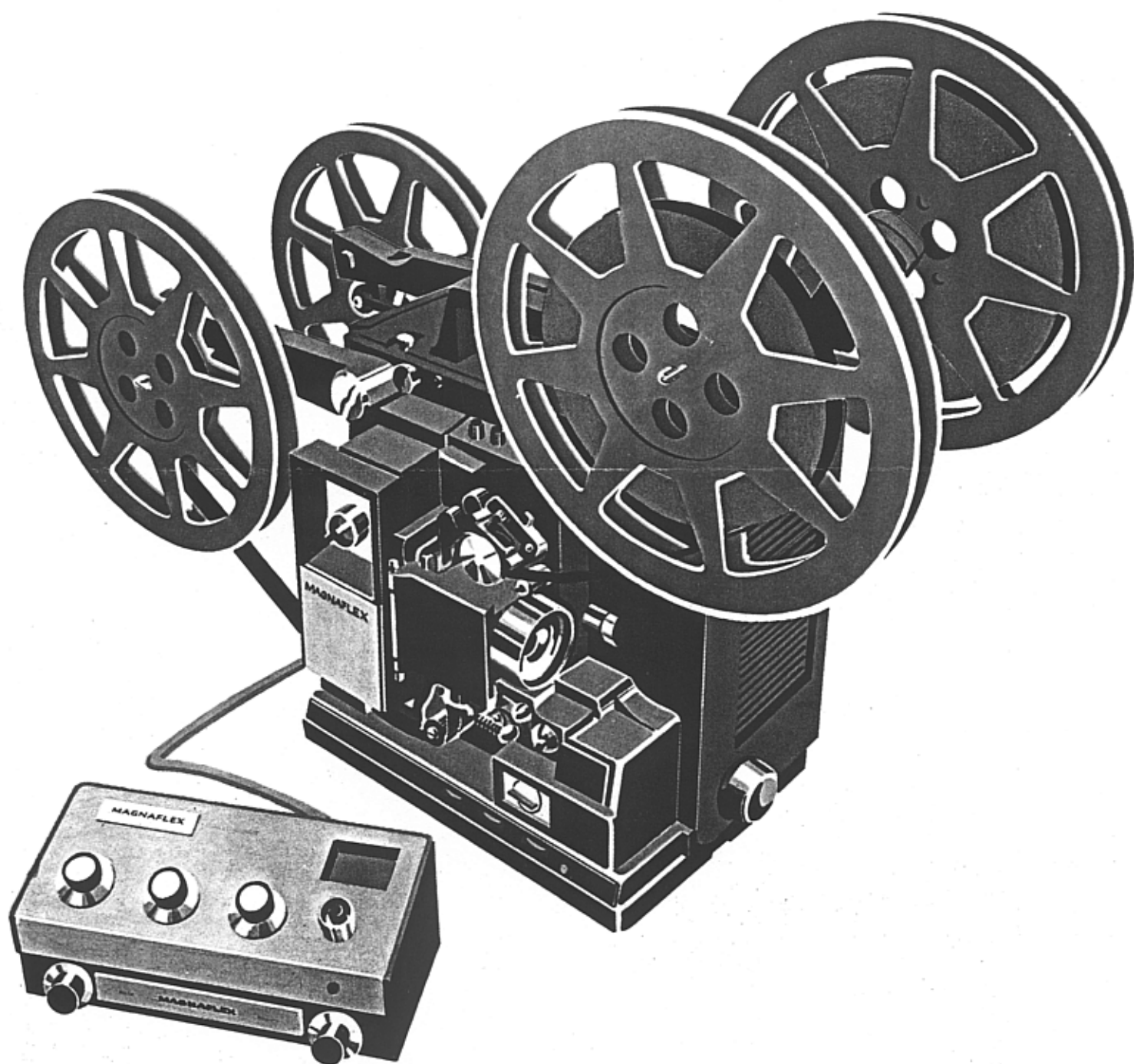
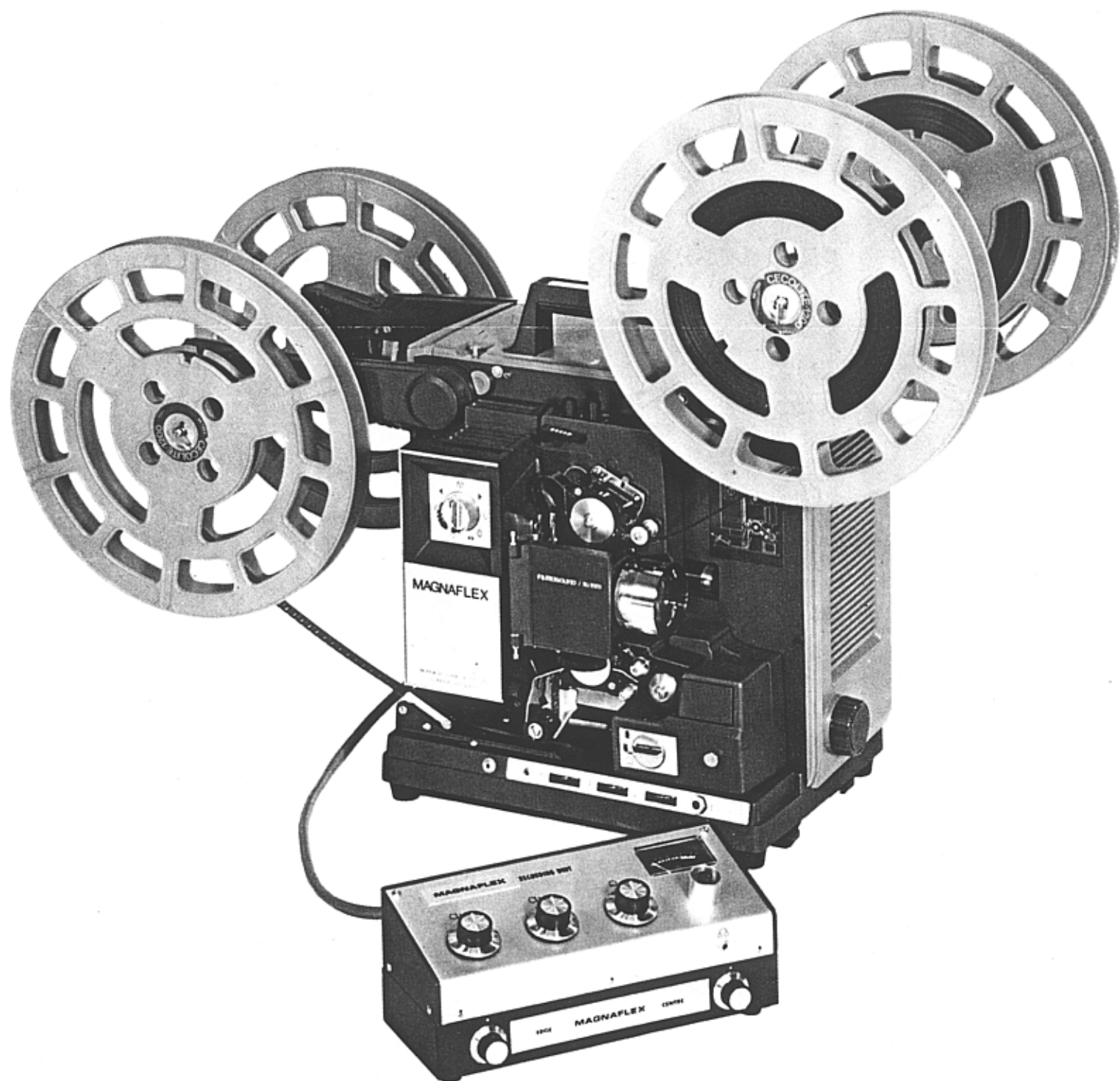
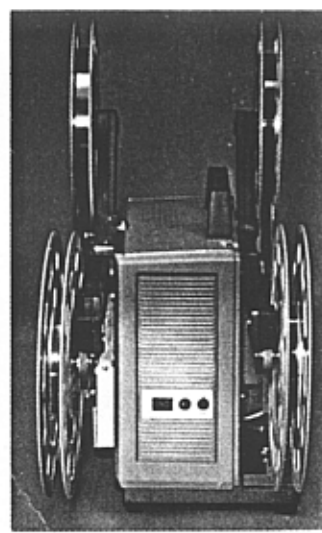
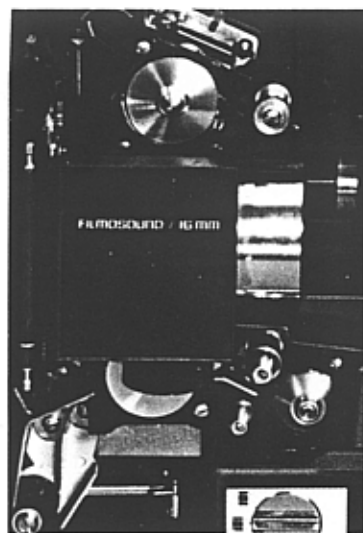
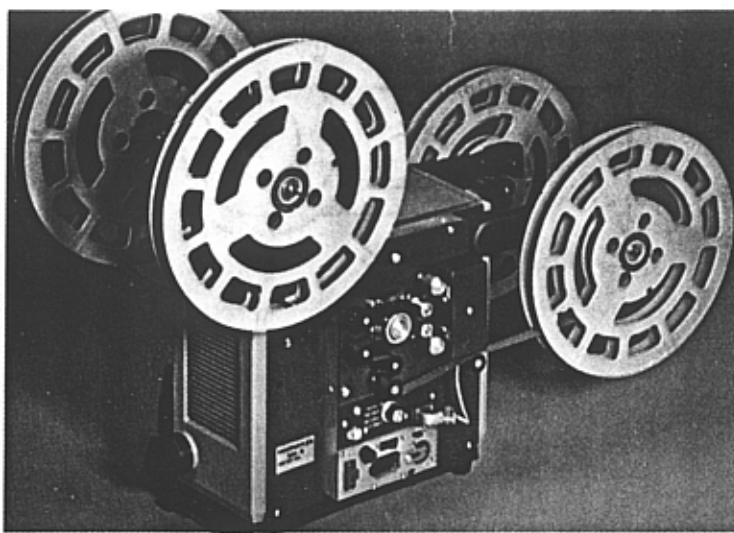
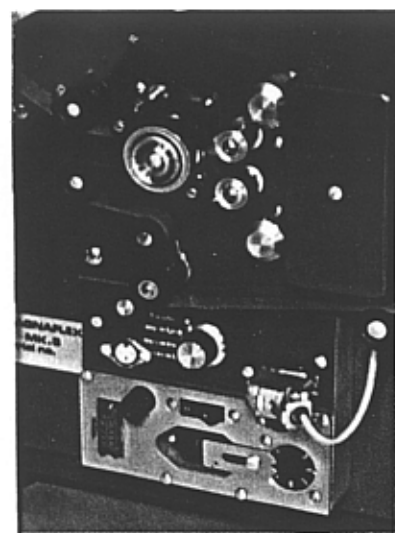


EDRIC AUDIO VISUAL  
**MAGNAFLEX 16**



**PORTABLE DOUBLE BAND PROJECTOR**





**Versatility is the keynote of the *Magnaflex Mk III* Double Band Projector.**

**Not only is it the lowest priced professional quality unit on the world market today, but it also saves much more than money.**

**It will save you time, trouble and eliminate problems.**

**Whatever your requirements, you'll find the answer in a *Magnaflex Mk III*.**

**Choose it as a complete, professional, studio machine, or as a simple preview projector.**

**There's a version built to suit your exact needs.**

***Magnaflex Mk III* is based on the Bell & Howell TQ111 series 16mm projector.**

**It's a name you already associate with reliability, portability and value for money.**

**Our modification has given it something extra: *Versatility*.**

#### **APPLICATIONS**

The *Magnaflex Mark III* is the ideal double band projector for use in the post-production stages of the film-making process. It is a high quality, mechanically interlocked unit which:-

1. Enables a separate 16mm magnetic track to be run in synchronization with 16mm picture.
2. Permits transfers back and forth between the commag (Picture) side and the sepmag (double band) side.
3. Simplifies mixing procedure with the ability to record both on edge and centre tracks of magnetic film and then playback simultaneously, transferring them to magnetic edge stripe on the picture side.
4. Facilitates transfers of  $\frac{1}{4}$ " pilotone or similar tracks to 16mm magnetic film (sync motor model only). With a resolver and common AC Source, both time and money can be saved by preparing original tracks.
5. Provides the opportunity of showing Clients on their own premises a complete production with sound, for approval before first copy is produced.
6. Enables multiple recording to be made on separate magnetic film (commentaries in different languages). The film can be presented in any language.
7. Permits the adding of Magnetic sound to silent films which could not be sound-stripped for lack of time, or for technical reasons.
8. Gives a simple and economic means for Television Companies, Film Production Companies etc., to view rush material, on location, with sync/sound.

#### **CHOICE OF MODELS AVAILABLE:**

##### **a) Playback Only.**

PICTURE FILM SIDE:

Optical sound track playback.

Magnetic sound track playback.

DOUBLE BAND DECK SIDE:

Centre track playback.

Edge track playback.

##### **b) Full Record Model**

(with all facilities of Playback Model Plus:)

PICTURE FILM SIDE

Magnetic sound track recording on full,  $\frac{1}{2}$  and  $\frac{1}{4}$  width stripes.

DOUBLE BAND DECK SIDE:

Centre track recording.

Edge track recording.

SOUND TRANSFERS:

Magnetic sound on commag side to edge or centre track on sepmag.

Centre or edge track sound from sepmag to commag edge track.

Simultaneous transfer of centre and edge tracks on sepmag side to commag (true mixing).

#### **OPTIONAL EXTRAS**

Sync pulse conversion.

18 fps.

Synchronous motor 240v 50 cycles.

Synchronous motor 110v 60 cycles.

Stereo output from centre and edge tracks on sepmag side.

#### **ACCESSORIES**

All standard Bell & Howell accessories are compatible with this machine, including anamorphic lenses for scope projection.

##### **Supplied with:-**

PLAYBACK MODEL 2" f1.2 Lens.

1600' spool.

20' Mains Lead.

Extn. speaker & Lead.

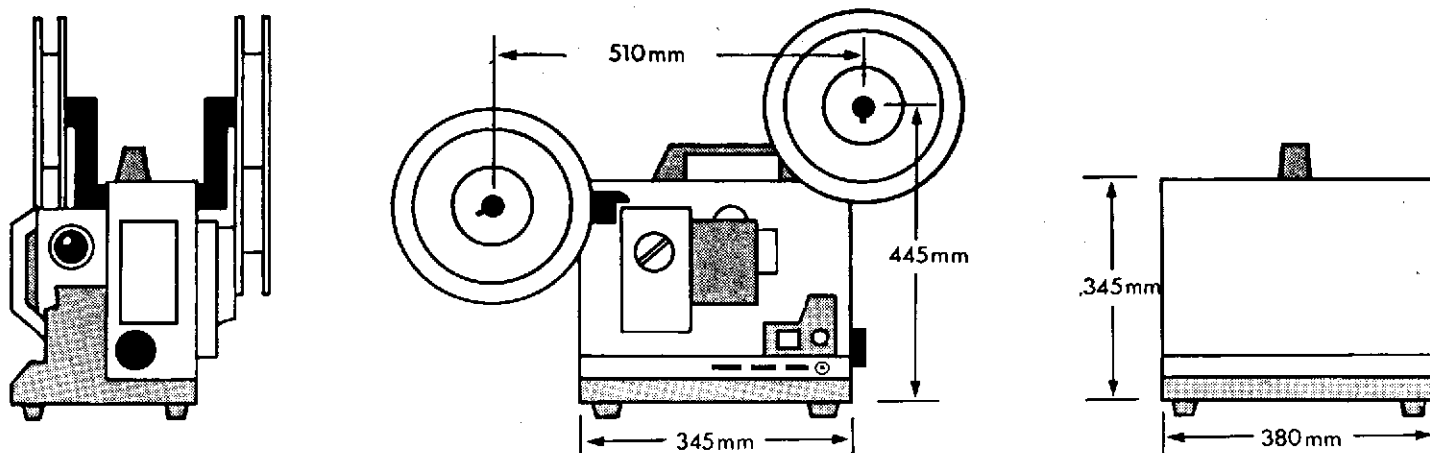
RECORD MODEL

as above plus.

Record/Mixer/Transfer unit.

Condenser Microphone.

Stethoscope Headset.



## FEATURES

Magnetic recording on full and half width stripe by plug-in magnetic heads.  
 Magnetic/Optical selector switch.  
 Monitor headset socket.  
 Separate tone controls for treble and bass.  
 Framing control by means of adjustable claw action.  
 → Two blade shutter for maximum light output. ←  
 Direct mechanical coupling for positive synchronization at all times.  
 Double band side may be de-clutched for independent inching.  
 Three tooth claw for safe projection. The Magnaflex doesn't "eat" film.  
 Swing-open gate and manual threading to provide easy access to film path for editing, synchronising etc.  
 Automatic loop restorer.  
 Still-picture projection.  
 High speed rewind on picture side without reversing spools.  
 Self locking arms.  
 Elevation control.  
 Lamp economy switch.  
 Lamp over-run warning.  
 VU recording level indicator.  
 Built-in Elliptical loudspeaker.  
 Extension speaker 8 ohm in side cover.  
 Storage facility for spare lamps in side cover.  
 Rock and Roll facility.  
 Public address by means of separate microphone socket.

*INCHING KNOB*

## TECHNICAL SPECIFICATION

24V 250W Tungsten Halogen Lamp, type EMM or A1/258.  
 Reel capacity: 2000' (600 metres).  
 Amplifier: 25W R.M.S.  
 Light output: 700 Lumens.  
 Lens: 50mm 2" f1.2.  
 Extension speaker socket: 8/16 Ohms.  
 Line output: 600 Ohms.  
 Voltage: 100-250 volts, 50 or 60 Hz (except sync. motor model which must be ordered 110v 60 Hz or 220v 50 Hz).

Inputs:	Input Sensitivity:	Impedance range:
Microphone 1	0.2mV at 600 Ohms	200-10,000 Ohms
Microphone 2	0.2mV at 600 Ohms	200-10,000 Ohms
Phono	100mV at 100,000 Ohms	100,000 Ohms Max.

Exciter Lamp 4V, 0.75A G29. **BAK**  
 Centre and edge track heads on sepmag side 150 mil to EBU standards.  
 P.A. Microphone socket impedance 300 to 3000 Ohms.  
 Weight: Playback Model 21 Kg. (46 lbs.)  
           Record Model 22 Kg. (48 lbs.)  
 Projection speeds: 24 & 25 fps.  
 Wow and Flutter: Better than 0.2%

*PROJECTOR MECHANISM;  
 MODIFIED BELL AND HOWELL 1680*

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