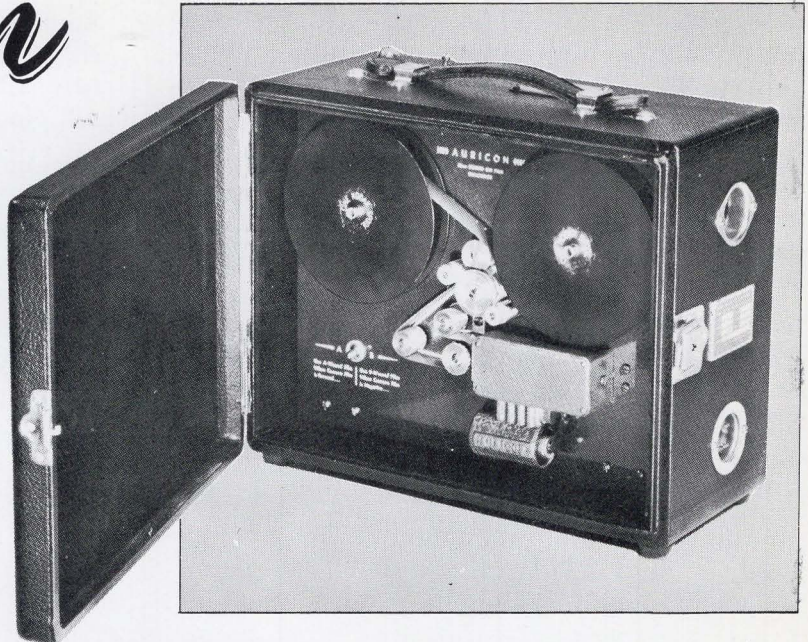


Auricon

16 M/M SOUND RECORDER

Model RT-80

- ✓ Portable, weighs only 20 lbs.
- ✓ Quiet, Self-Blimped by its carrying case.
- ✓ Two-way operation for A or B wind sound tracks.
- ✓ Variable area sound track.
- ✓ Built-in synchronous motor.
- ✓ 200 ft. film capacity, daylight loading.



In making professional 16 mm. sound pictures, it is very often desirable to have the sound-track separate from the picture, for independent editing of sound-track or picture.

The Auricon Double-System 16 mm. Sound Recorder is designed for 200-foot daylight-loading spools of film, its capacity matching the Auricon Cameras, or the 200-foot magazine of the Cine-Kodak Special. The Model RT-80 Recorder film-flow utilizes a feed and take-up sprocket, with a separate triple-filtered sound-recording sprocket.

In making double-system talking-pictures in 16 mm., one situation is present which does not occur in 35 mm. The 16 mm. film has only one row of perforations, and the picture film in the 16 mm. camera may be a negative or a reversal positive. To make combination picture and sound-track duplicates from these two kinds of picture films requires sound negatives of "A" or "B" wind emulsion position if both sound-track and picture films are to be printed in contact with the duplicate, emulsion to emulsion, as is the case in most film laboratories.

The term "A Wind" emulsion position simply means that an unexposed roll of single-perforated sound film wound with the emulsion in, should unwind counter-clockwise, when held with the perforation and the square hole of the daylight-loading spool, away from the observer. "B Wind" emulsion position means that an unexposed roll of single-perforated sound film,

wound with the emulsion in, should unwind clockwise, when held with the perforations and the square hole of the daylight-loading spool, away from the observer.

The Auricon Recorder will produce either A or B wind emulsion position sound-tracks. B wind negative sound-track can be used for *contact*-printing with a B wind negative picture film. (Both negative and reversal picture film is *always* B wind.)

If the B wind picture film is *reversal* color or black and white, an A wind negative sound-track is made in the Auricon Recorder, to be first *contact*-printed to a B wind master-sound-track positive, for final *contact*-printing, in combination with the reversal color or black and white original B wind picture, on an A wind reversal color or black and white duplicate (for projection). This is explained more completely in the Auricon Instruction Book. (Each *contact*-printing of picture or sound-track reverses the emulsion position or wind, from A to B, or B to A.)

A single switch on the Auricon Model RT-80 Recorder reverses the mechanism and motor for either A or B wind sound-tracks. A built-in synchronous 115 volt 60 cycle motor not only insures running at correct 24 frames-per-second speed, but makes it possible to record in double-system with any synchronous-motor-driven camera, such as the Auricon Sound Camera which has a synchronous motor, or the Cine-Kodak Special with Auricon Synchronous Motor Drive Unit. (A 50 cycle Model RT-80 Recorder is available to special order.)

In portable 16 mm. talking-picture photography it is often necessary to record under conditions not found in studios. The Recorder may have to run in the same room with the microphone. The Auricon Recorder, therefore, has been silenced by floating the mechanism on rubber mounting-blocks, and by lining the case with sound-absorbing material.