

LOOK AT THESE PROFESSIONAL FILMAGNETIC FEATURES:

- ★ Operates from a light-weight re-chargeable battery, or on 115 volt A.C.
- ★ All-transistorized! Eliminates bulky batteries and heavy transformers.
- ★ Extreme portability and dependability. Weighs only 5 lbs.
- ★ Equipped with transistor-matched "Gold Seal" FILMAGNETIC Heads.
- ★ 14 transistors for frequency response to 12,000 cycles; temperature-compensated for world-wide use, winter and summer.
- ★ Fitted Carrying Case can be conveniently slipped under Pullman or Airplane seat.



"FILMAGNETIC" SOUND FOR COLOR
OR BLACK AND WHITE

BACH Auricon ALL-TRANSISTORIZED FILMAGNETIC

16 mm "Single-System" Magnetic Sound-Recording on Pre-Striped Film

Auricon All-Transistorized FILMAGNETIC Equipment provides you with a choice of either single-system Magnetic or Optical sound-track on the same film with your picture!

The FILMAGNETIC Transistorized Equipment is designed for single-system recording of High-Fidelity music and lip-synchronized talking-pictures on 16mm black and white or color film which has been pre-stripped for magnetic sound-recording before the film is exposed to light. After the Camera is equipped at the Factory for use with FILMAGNETIC, the magnetic Twin-Head Recording Unit is temporarily removable from the Camera without the use of tools, thus allowing you a choice of High-Fidelity Optical or Magnetic sound-track.

FILMAGNETIC in use since 1955 for exacting professional requirements, reduces the weight and complexity of equipment needed for shooting your sound picture. It eliminates the need for a clap-stick sync-mark at the start of each scene, being "single-system" and therefore already synchronized, yet FILMAGNETIC provides flexibility of editing, as the magnetic sound-track allows high-fidelity re-recording of "single-system" FILMAGNETIC to "double-system" magnetic or "double-system" optical sound-track, for easy editing of only those scenes which are to be used in the final picture. With the new high-fidelity re-recording circuit now provided on the FILMAGNETIC Model MA-11 Amplifier, complete with "Re-Recording or Play-Back Output" connector (23), your FILMAGNETIC equipped Camera can be used as a re-recording film phonograph, or any standard 16mm magnetic Recorder can be used for this re-recording, feeding the FILMAGNETIC sound-track from one magnetic-track to another, or from a magnetic-track to an Auricon 16mm Model RT-80 or RM-30 sound-track Recorder.

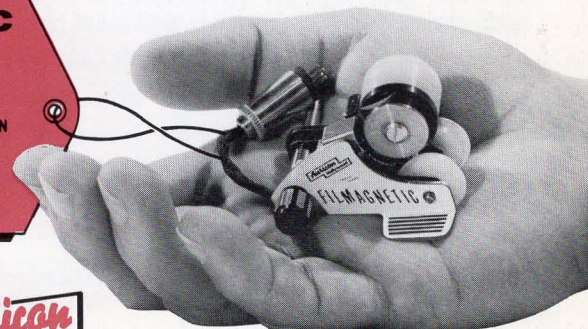
While shooting your picture, Auricon FILMAGNETIC provides all the well-known advantages of magnetic recording, with instant earphone monitoring of the actual just-recorded FILMAGNETIC sound-track inside the Auricon Camera. Only 1/24th of a second delay occurs between the sound being picked up by the Microphone, and the same sound being reproduced from the FILMAGNETIC sound-track, through the monitoring earphones. With FILMAGNETIC you can be sure that the sound you hear in the monitoring earphones is already recorded on your FILMAGNETIC sound-track inside the Auricon Camera! A selector switch on the FILMAGNETIC Amplifier Model MA-11 also allows you to monitor directly from the Microphone during rehearsals when the Camera is not running and there is no FILMAGNETIC sound-track to "listen-in" on. FILMAGNETIC eliminates the need for optical sound-track Gamma and Density control during film-lab development. Consequently, film processing can easily be adjusted by visual inspection for best original picture results only, without regard to the magnetic sound-track which is not affected by the picture-processing procedures!

Either your pre-stripped camera-original film with magnetic sound lip-synchronized to your picture, or a print with re-recorded magnetic-sound-track, can be shown on any 16mm magnetic sound-projector such as the Ampro, B&H, Kodak, RCA and others. Prints with optical sound-tracks re-recorded from the FILMAGNETIC "master-original" sound-track, can of course be run on any 16mm optical sound-projector. FILMAGNETIC "master-original" sound-track can also be re-recorded without loss of high-fidelity quality onto 35mm optical or magnetic sound-on-film, together with picture enlarged on an optical printer from 16mm to 35mm.



FILMAGNETIC
AN *Optional* FEATURE
AVAILABLE FOR FACTORY INSTALLATION
ON ALL NEW OR EXISTING AURICON
OPTICAL SOUND-ON-FILM CAMERAS

FILMAGNETIC TWIN-HEAD TRANSISTOR-MATCHED
"GOLD-SEAL" CAMERA RECORDING UNIT



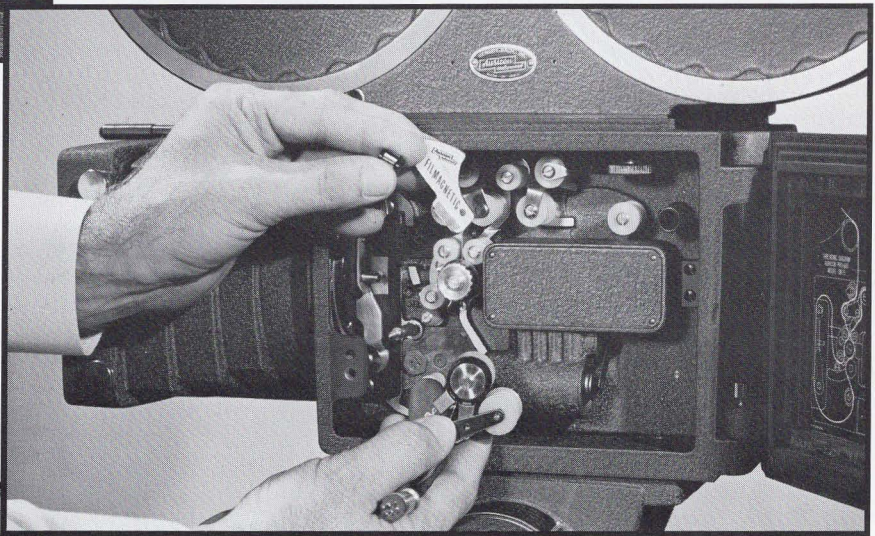
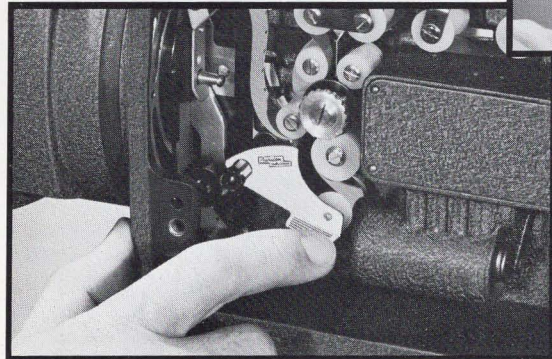
BACH
Auricon

NOW RECORD HIGH-FIDELITY MAGNETIC (OR OPTICAL) SOUND-TRACKS WITH YOUR AURICON CAMERA!

◀ **MAGNETIC SOUND-ON-FILM...** A single touch of your finger opens the entire sprocket film-path and retracts both FILMAGNETIC Heads automatically, for easy Camera threading. Finger points to magnetic pre-stripe on the unexposed picture film threaded thru the FILMAGNETIC Camera-Unit. This standard magnetic pre-stripe is placed on the non-emulsion side of the unexposed single-perforated film, in the area otherwise used by the optical sound-track. After picture exposure and processing, this film with FILMAGNETIC recording can be shown on any 16mm magnetic projector, such as the Ampro, B&H, Kodak, RCA and others. The FILMAGNETIC Camera-Unit provides for an S.M.P.T.E. -A.S.A. standard 28 frame spacing between magnetic-sound and picture.

(FILMAGNETIC PATENTS PENDING)

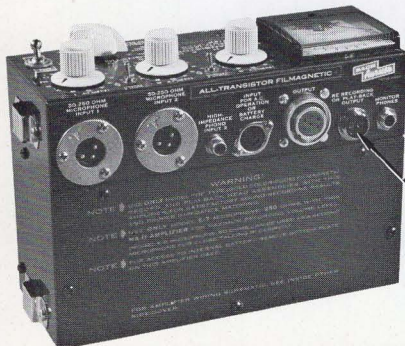
▶ **EASILY REMOVED WITHOUT TOOLS...** The Auricon FILMAGNETIC Camera-Unit can be quickly removed or installed in your Auricon sound-on-film recording Camera without the use of tools (after original installation of necessary connecting-plugs, wiring and support-shaft at the factory).



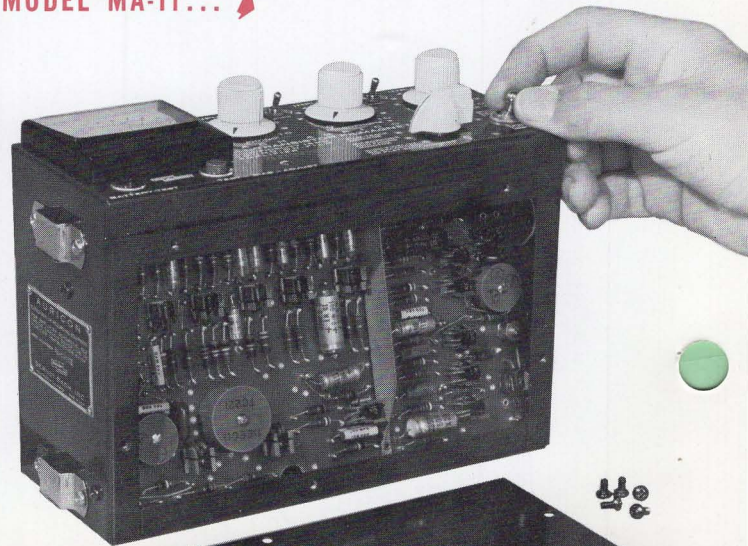
◀ **OPTICAL SOUND-ON-FILM.** FILMAGNETIC Camera-Unit containing the magnetic Record and Reproduce Heads is removed from the Camera without the use of tools, and replaced by an optical sound pressure roller under the sound-recording sprocket, as shown here. This returns the Camera to its original function as an optical sound-on-film recording Camera, when threaded with any regular single-perforated film. With an optical sound-on-film Auricon Amplifier plugged into the Camera instead of the FILMAGNETIC Model MA-11 Amplifier, your Auricon Camera will then record high-fidelity optical sound-on-film. This entire changeover can be accomplished in less than one minute!

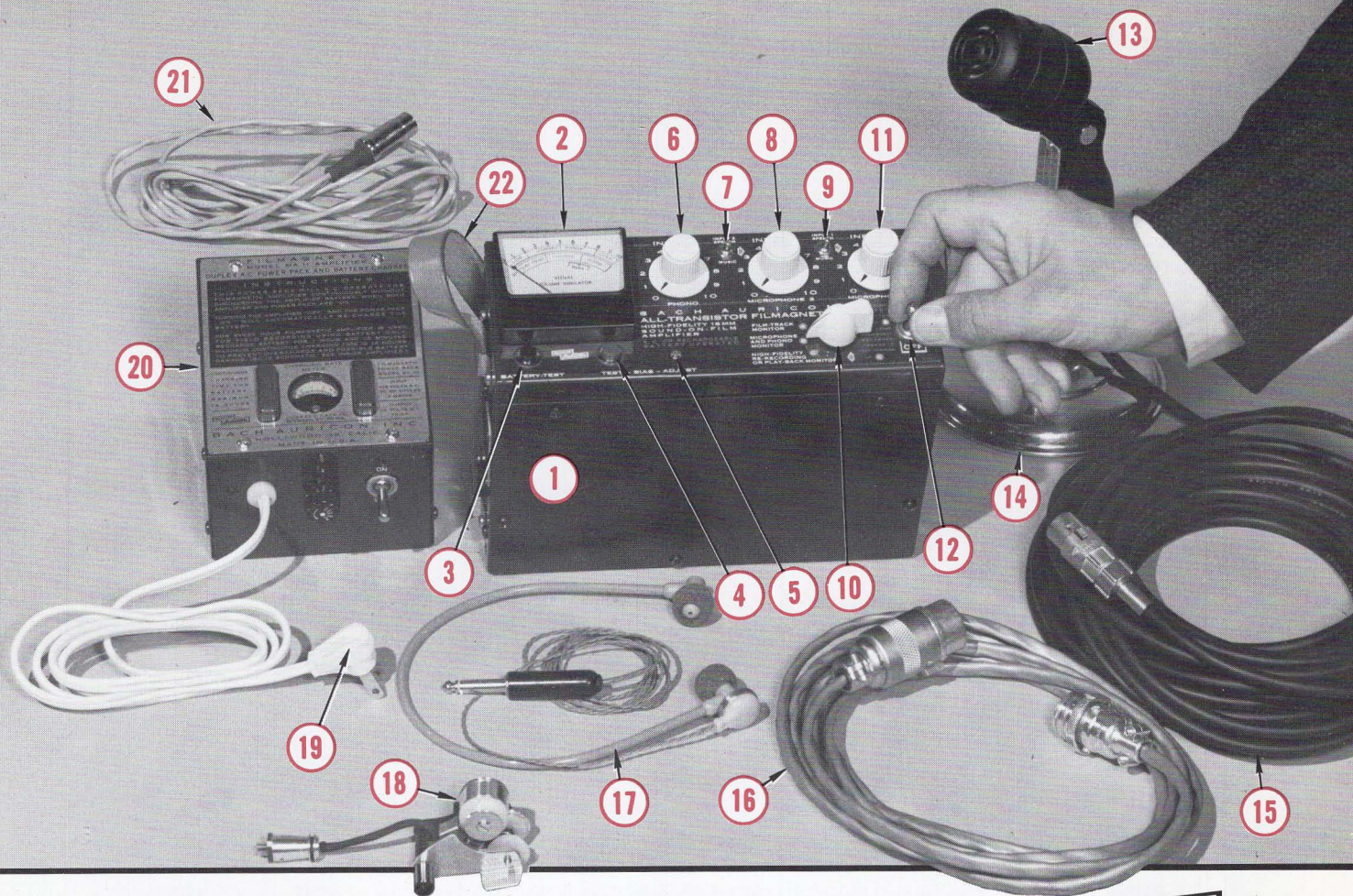
AURICON ALL-TRANSISTORIZED FILMAGNETIC AMPLIFIER MODEL MA-11... ▶

... can operate at the freezing South Pole or the broiling Sahara Desert, without affecting its temperature-compensated 14 transistor circuitry or frequency response to 12,000 cycles. Permanent internal re-chargeable battery for 10 hours continuous recording with complete portability; or A. C. operated when plugged into a 115 volt A. C. outlet. Amplifier weighs only 5 pounds.



23 "RE-RECORDING OR PLAY-BACK OUTPUT" (SEE OPPOSITE PAGE)





FILMAGNETIC Complete Outfit...



- ① Auricon FILMAGNETIC Amplifier Model MA-11 weighs only 5 pounds, yet contains separate record, monitor and high-fidelity re-recording amplifiers, utilizing 14 temperature-compensated Transistors.
- ② Visual volume-indicator Meter, with large, easy-to-read scale. Meter provides recording or re-recording level, as well as battery-test and bias-test-adjustment indications.
- ③ Battery-test Button.
- ④ Bias-test Button.
- ⑤ 61,000 cycle bias-adjust Screw-slot.
- ⑥ Volume-control for high-impedance Phono Input #3.
- ⑦ "Speech-Music" equalization Switch for Microphone Input #2.
- ⑧ Volume-control for 250 ohm Microphone Input #2.
- ⑨ "Speech-Music" equalization Switch for Microphone Input #1.
- ⑩ Three-position Selector Switch: "Film-Track Monitor," "Microphone and Phono Monitor," and "High-Fidelity Re-recording or Play-back Monitor."
- ⑪ Volume-control for 250 ohm Microphone Input #1.
- ⑫ "On-Off" Switch.
- ⑬ Auricon Model E-7 High-Fidelity Microphone, 250 ohm impedance, with special non-reflecting charcoal-gray finish for professional use.
- ⑭ Light-weight Microphone Desk Stand.
- ⑮ 50 ft. Microphone-to-Amplifier shielded connecting Cable with "Canon" Plug.
- ⑯ 10 ft. Amplifier-to-Camera connecting Cable, with "Canon" Plugs.
- ⑰ Stethoscope-type Earphones; most modern advancement for "on-the-scene" monitoring. Does not muss up hair; can be worn with a hat. Provides good acoustical-coupling to the ears, blocks out extraneous air-borne noises; like monitoring in a sound-proof booth!
- ⑱ FILMAGNETIC Twin-Head, Transistor-Matched "Gold-Seal" Camera-Recording Unit, complete with magnetic Record and Monitor Heads.
- ⑲ Connecting Plug to 115 volt A.C. wall-socket.
- ⑳ FILMAGNETIC Model BC-10 Duplex A.C. Power-Pack and Battery-Charger, weighs less than 3 pounds. Fully charges Model MA-11 Amplifier-Battery overnight! Also, when A.C. is available, Power-Pack will continuously operate Amplifier direct from 115 volt A.C., without recording any A.C. hum on your sound-track.
- ㉑ Light-weight Connecting-Cord for Power-Pack to Amplifier.
- ㉒ Auxiliary Shoulder-Strap for carrying.
- ㉓ "Re-Recording or Play-Back Output." When selector Switch (10) is in "Re-Recording" position, this output supplies signal for re-recording original FILMAGNETIC track, into other magnetic or optical sound-on-film recording equipment.

(SEE OPPOSITE PAGE)

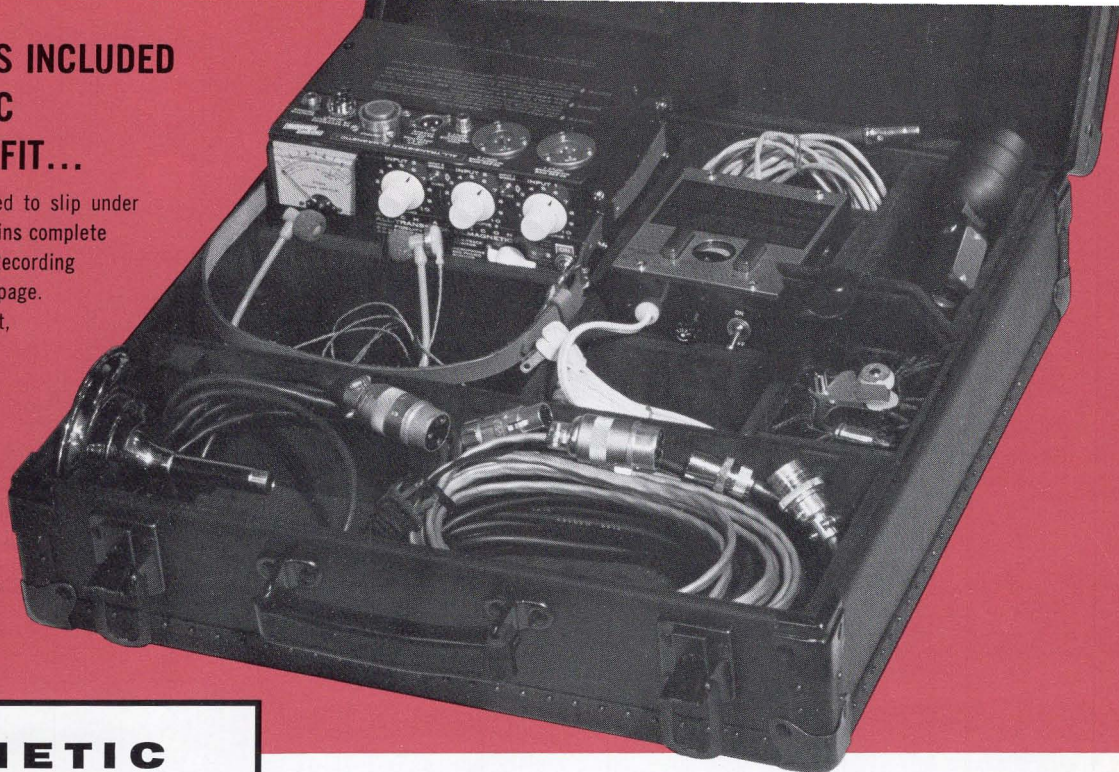
★ For further FILMAGNETIC Technical Information, see the current Filmagnetic Price Schedule.

CARRYING CASE IS INCLUDED WITH FILMAGNETIC MODEL MA-11 OUTFIT...

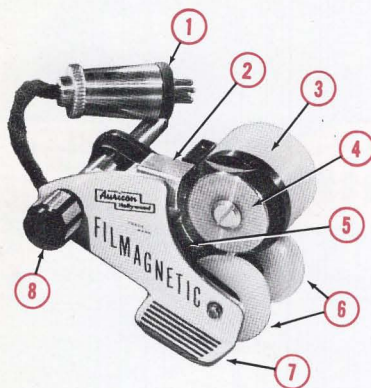
Fitted and velvet-lined. Designed to slip under Pullman or Airplane seat. Contains complete FILMAGNETIC Sound-On-Film Recording Outfit, as shown on preceding page. Case containing Complete Outfit, weighs only 26 pounds.



FILMAGNETIC
AND AURICON
ARE TRADEMARKS OF
BACH AURICON, INC.



FILMAGNETIC TRANSISTOR-MATCHED "GOLD-SEAL" Twin-Head Camera-Recording Unit



- ① Plug to connect magnetic heads inside Auricon Camera.
- ② Transistor-Matched, High-Fidelity Reproduce Head, for monitoring or re-recording from the magnetic sound-track.
- ③ Precision-machined Recording Roller.
- ④ Anti-hum magnetic shielding.
- ⑤ Transistor-Matched, High-Fidelity Record-Head, for recording the FILMAGNETIC sound-track on pre-stripped film.
- ⑥ Precision-machined Nylon Rollers, with Sapphire Edge-Guides.
- ⑦ Tab for easy one-finger threading. Push here to open both Magnetic Heads, as well as Recording Roller (3).
- ⑧ Thumbscrew for easy removal of FILMAGNETIC Recording Unit from Camera, without use of tools.

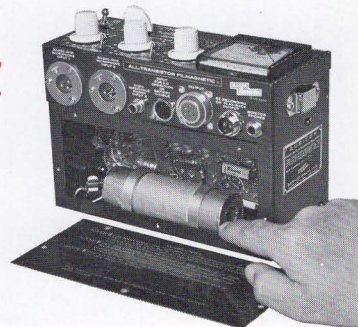


PRE-STRIPPED FILMAGNETIC TRACK

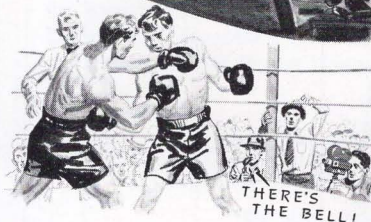
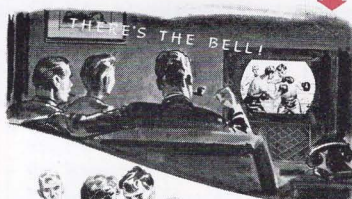
This is the magnetic stripe, put on the film before it is exposed to light.

PERMANENT, LIGHTWEIGHT, RE-CHARGEABLE BATTERY...

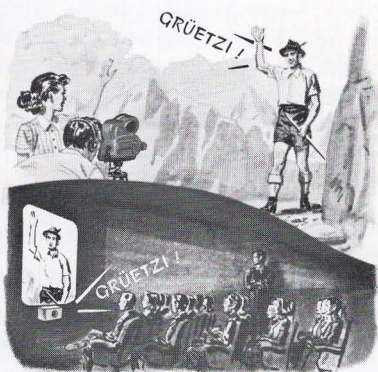
Finger points to Battery, which when fully charged, will operate FILMAGNETIC Model MA-11 All-transistorized Amplifier for 10 hours of sound-on-film recording. Battery is fused to assure safety in operation and maintenance.



TELEVISION



EDUCATIONAL



FILMAGNETIC IN ACTION...

provides High-Fidelity magnetic sound with black & white or natural-color Pictures, on the same film at the same time, always lip-synchronized, and with an absolute minimum of field equipment!

★ For further FILMAGNETIC Technical Information,
see the current Filmagnetic Price Schedule.

BACH AURICON, Inc.
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HOLLYWOOD 2-0931

GUARANTEE

All Auricon Equipment is sold with a 30-day money back Guarantee and a 1 year Service Warranty. You must be satisfied!