

~ New Products ~

Further information concerning the material described below can be obtained by writing direct to the manufacturers. As in the case of technical papers, publication of these news items does not constitute endorsement of the manufacturer's statements nor of his products.

Filmgraph

The Miles Reproducer Company, 812 Broadway, New York 3, New York, recently announced their latest Filmgraph Model RTD. This machine makes it possible to produce synchronized personal talking pictures



directly on developed black-and-white or color 16-mm family motion pictures for permanent playback, without processing or darkroom when used in conjunction with the standard 16-mm silent projector.

Filmgraph employs a jewel stylus to indent permanently a fine sound groove

0.002 inch wide and to reproduce it instantly through the same apparatus. The sound track is made at either edge, between the sprocket holes and the frames of the picture, of the glossy side of the film. Several sound tracks may be indented side by side, if desired, and will not show on the screen, since they are hidden by the frame of the aperture in the projector.

To make a recording, the Filmgraph is placed in front of the projector in such a manner that it will not interfere with the picture on the screen. The film is threaded through the projector in the usual way except that the film is brought up to the reel of the recorder instead of the feeding reel (upper magazine) of the projector. Sufficient leader film is used to bring the sight and sound in synchronism.

The new model is portable, measuring $4\frac{1}{2} \times 8 \times 9$ inches and weighs less than 10 pounds. A microphone and an external loudspeaker mounted on a baffle are supplied as part of the system. The loudspeaker is equipped with a 15-foot cable to permit placing it behind or near the screen.

For synchronizing talking pictures in conjunction with 8-mm picture films Model MRC is recommended. This model has a recording capacity of approximately one hour, using 100 sound tracks on each face of the safety film.

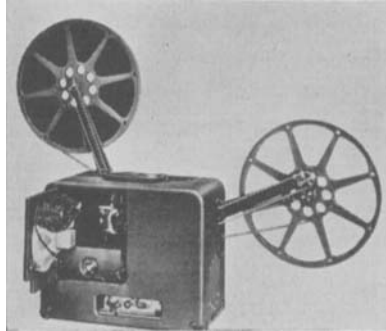
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Single-Case Filmsound

Bell and Howell Company, 7100 McCormick Road, Chicago 45, Illinois, announces the development of a new single-case, sound motion picture projector. The single-case filmsound, weighing only $43\frac{3}{4}$ pounds, is designed with a 6-inch speaker mounted on a removable door in the side of the projector case for carrying convenience. The door may be swung out at right angles to the case and the speaker operated from this position, or it may be removed from the case and placed near the screen.

Speaker and projector are connected by a 40-foot cable, and up to 60 feet of



additional cable may be added, if necessary. A 10-watt amplifier is provided allowing the use of a larger speaker as an accessory, if desired.

EMPLOYMENT SERVICE

POSITION WANTED

Television engineer and program-director. Belgian engineer, age 38. Speaks English, French, German, Dutch. Graduated from Technical High School of Paris and Brussels as engineer and professor in electronics and acoustics. Active Member SMPE. Has permit for immigration into United States. Highest qualifications and references. Excellent business experience and musical background.

Three years, motion picture engineer, laboratories Thomson-Houston, Paris.

Nine years, motion picture and television engineer, Philips' Physical Laboratories, Eindhoven. Director in charge of Philips' television caravan touring all over Europe.

Three years, technical director, Decca Recording plant, Brussels. In charge of recording and production. Reliable and capable executive for erection or direction of television station or television mobile units. Minimum salary wanted, \$7500. Write, Engineer, Postbox 291, Antwerp, Belgium.