



**Audio Engineering Society,
Box F, Oceanside, N. Y.**

AUDIO engineering society

Containing the Activities and Papers of the Society, and published monthly as a part of AUDIO ENGINEERING Magazine

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CONVENTION HIGHLIGHTS

A program of considerable interest is being planned for the technical sessions of The Audio Fair, which will be sponsored by the Society for presentation at the Hotel New Yorker in New York October 27, 28, and 29.

Highlighting the many papers to be given will be a session on magnetic recording which will consider the experience which has been gained during recent years in the relatively new recording medium. Authorities in the field will discuss several phases of the art with particular stress on problems which have been encountered and applications to which magnetic recording has been successfully adapted.

The present status of magnetic recording standards will be reviewed, particularly as regards interchangeability and uniformity of performance, to be followed by a summary of present standards. In another paper, the effect of the lack of adherence to standards already set up and resultant problems will be aired.

Speed regulation in magnetic recording will be discussed from the standpoints of both timing and flutter, or average and instantaneous speed. The type of drives now in use and projected are to be considered.

In addition to rounding out the program with a presentation of methods of duplicating magnetic tapes, other papers on new magnetic developments are planned.

At another session a symposium on audio testing methods is to be held, with both equipments and methods of operation to be described. Among the factors to be discussed by a panel of experts will be frequency characteristics and harmonics, intermodulation and cross-modulation measurements, and methods of measuring transient response means of pulses and square waves.

The exhibits of manufacturers at The Audio Fair promise to cover the entire field of audio equipment, with the roster resembling a listing of the major manufacturers.

Audio Fair Stresses Sight and Sound Demonstrations

No exhibit of audio equipment can be complete without giving the visitors an opportunity of *hearing* the equipment, in addition to that of seeing it and observing its operation. For this reason, The Audio Fair was conceived as a solution to this need, and the method of presenting the exhibits has been lauded by both manufacturers and engineers alike.

Departing completely from the more usual form of exhibit which consists of many booths in an auditorium, The Audio Fair is to be held on a single floor of the Hotel New Yorker, with exhibitors having separate rooms in which to show and demonstrate their equipment. The entire sixth floor of the hotel is to be devoted to the exhibits, and those attending will actually be able to hear the equipment being shown.

Banquet Features Loudspeaker Comparisons

The principal feature of the banquet of the Society, to be held on the evening of October 28, during the convention, is a comparative demonstration of loudspeakers presented in true "A-B" fashion. Using high-quality magnetic tape with live recorded programs involving classical and popular orchestral, piano, vocal, and speech sections, and using the same amplifier equipment throughout for each test, the speakers on exhibition will be demonstrated one by one for the edification of those who attend the banquet.

Each person attending will be given a card on which the various loudspeakers will be listed by an identifying letter. This card will provide columns for each type of program material, and the listener may score the performance as the speakers are demonstrated. Following the tests, the listeners will be informed as to which speakers are designated by the letters, thus giving the listener an opportunity

to arrive at his own opinion in an unbiased manner. Since the demonstration is solely for the entertainment of the listeners, the score cards will not be collected. Consequently the test cannot be considered a sampling of listener preferences.

The banquet will also feature the installation of newly elected officers, who will begin officially their 1949-50 year of duties in the Society.

Employment Register

Positions open and available personnel may be listed here at no charge to industry, or to members of the Society. For insertion in this column, brief announcements should be in the hands of the AES Editor before the tenth of the month preceding the date of issue. Address replies to AES Editor, Audio Engineering, 342 Madison Ave., New York 17, N. Y.

- **Technical Public Relations** man, with wide experience in publicity, brochure production, press relations, etc., especially in audio work. College graduate, 30, married, presently employed. Will consider part-time employment. Box 91.
- **Audio Engineer**, with manufacturing, design, development experience in disc, film, and magnetic recording and reproduction and in sales engineering for recording equipment desires to change present position, held 10 years. Age 33, married, university graduate in engineering. Prefer New York area, but willing to travel. Box 92.
- **Audio Engineer**, BSEE 1936. Section head at govt lab; 8 years applied research, analysis, and development in electronics, electro-acoustics, sound recording and reproduction. Desire position in private industry in audio or electronics, northeast preferred. Age 33, married. Box 93.
- **Music Engineer**. Grad. RCA Institutes; MA in Music (Harvard). Excellent background in audio and music. Seeking position requiring coordination of technical and musical considerations. Highest references. Available Sept. 6. Box 94.
- **Engineering Student Graduate**. Trained in audio amplifier and circuit design. Interested in audio-video amplifier and test equipment design. Box 95.
- **Engineering Trainee**. RCA Institutes graduate, Age 25. Recording, amplifier, and transducer interests. Machine shop experience. Box 96.
- **Recording Engineer**. 10 years exp. recording, maintenance, disc and tape. Good mixer, available after 2 p.m. daily, all day Saturday or Sunday. Box 97.