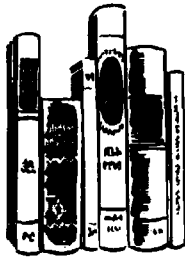


books reviewed



ACL Handbook

Byron Roudabush, Ed. Published (1963) by The Association of Cinema Laboratories, 1925 K St., N.W., Washington, D.C. 20006, 48 pp. Kingbound. Diagrams. 8½ by 11 in. Price \$1.50.

The purpose of the *ACL Handbook* is "... to acquaint users of motion-picture laboratory services with terminology, pre-print preparation and procedures which, through the efforts of ACL, have become standard in the industry," according to the Editor's Note by Byron Roudabush. In the Foreword, Preston B. Bergin, ACL Executive Secretary, states, "... it has been necessary for the film processing industry to develop a common language, and standardized printing and developing techniques for use by laboratories throughout the North American Continent.

Some of this work, such as terminology, has been conducted through the Laboratory Practices Committee of the Society of Motion Picture and Television Engineers; other portions of it, such as pre-print preparation procedures, have been carried out through ACL. Now for the first time all of these efforts at standardization and clarification have been compiled in this Handbook by Byron Roudabush, President of Byron Motion Pictures, Inc., Washington, D.C., and Chairman of the Association's Product Specifications Committee ..."

The Handbook contains a wealth of information presented in clear and simple language to serve as an invaluable guide to laboratory procedures. The material is grouped under eight sections: General Information; Marking Workprints to Indicate Effects; Preparation of Original A&B Rolls; Preparation of 16mm Printing Leaders; Laboratory Practices on Films for Television; "A" and "B" Winds and Emulsion Positions; Printing Flow Charts; and Nomenclature for Motion Picture Film Used in Studios and Processing Laboratories (published in the Society's *Journal* as proposed American Standards).

The Handbook has been prepared in looseleaf form to permit addition of pages when new information is issued.—R.H.

The Technique of the Sound Studio: Radio and Recording

By Alec Nisbett. Published (1962) by Hastings House Publishers, Inc., 151

East 50 St., New York 22. 288 pp. Illus., diagrams. 8½ by 5½ in. Price \$10.50.

This book on sound recording techniques is for the operator of sound equipment rather than the design or maintenance engineer. It contains a minimum of engineering terms, no equations or tables, but a great many hints on how to produce interesting and dramatic sound programs. It should be of particular value to the advanced amateur who wishes to obtain better than routine recordings from a limited range of equipment. However, it may also be of considerable help to the beginner in a professional sound studio.

Microphone placement, and its relation to studio acoustics, are discussed at some length, with some pointers on controlling sound volume. Editing is covered rather extensively, with sections on tape joining, combining tape and disc sources, fades, and the introduction of music and sound effects with speech sequences.

Also covered at some length are the production of sound effects, and the modification of sounds by filters and other means.

While the techniques described are taken primarily from the BBC they should be useful to many persons interested in producing good sound programs.—Clyde R. Keith, Board of National Missions of the United Presbyterian Church in U.S.A., 475 Riverside Dr., New York 27.

The Audio Control Handbook (Revised ed.)

By Robert S. Oringel. Published (1963) by Hastings House Publishers, Inc., 151 E. 50 St., New York 22. 146 + X pp. Illus. Index, glossary. 8½ by 10 in. Price \$6.95.

In today's rapidly expanding world of show business, many individuals are assuming responsibilities which require some knowledge in certain technical areas without the benefit of scientific training. One of the more important positions in this category is that of the audio operator in radio, television and recording studios. As an artisan, this man must have a thorough knowledge of all the tools with which he is to work; however, he need not understand the internal operation of the electronic devices. It is for this man that this book is written. Here in clear, non-technical language is a complete, step-by-step explanation of every phase of audio control.

A revision of the original work published in 1956, the book has been thoroughly revised and updated. Through the use of excellent diagrams and many photographs, which supplement the well thought out text, the author clarifies the nature of positions which are technical but non-scientific.

Without reservation, Oringel's book can be recommended to everyone interested in the audio field, from the student to the seasoned professional, as well as the inquisitive layman and the responsible executive.—A.E.A.

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3rd UNIATEC (Union Internationale des Associations Techniques Cinématographiques) Congress (Prague, October 3-6,



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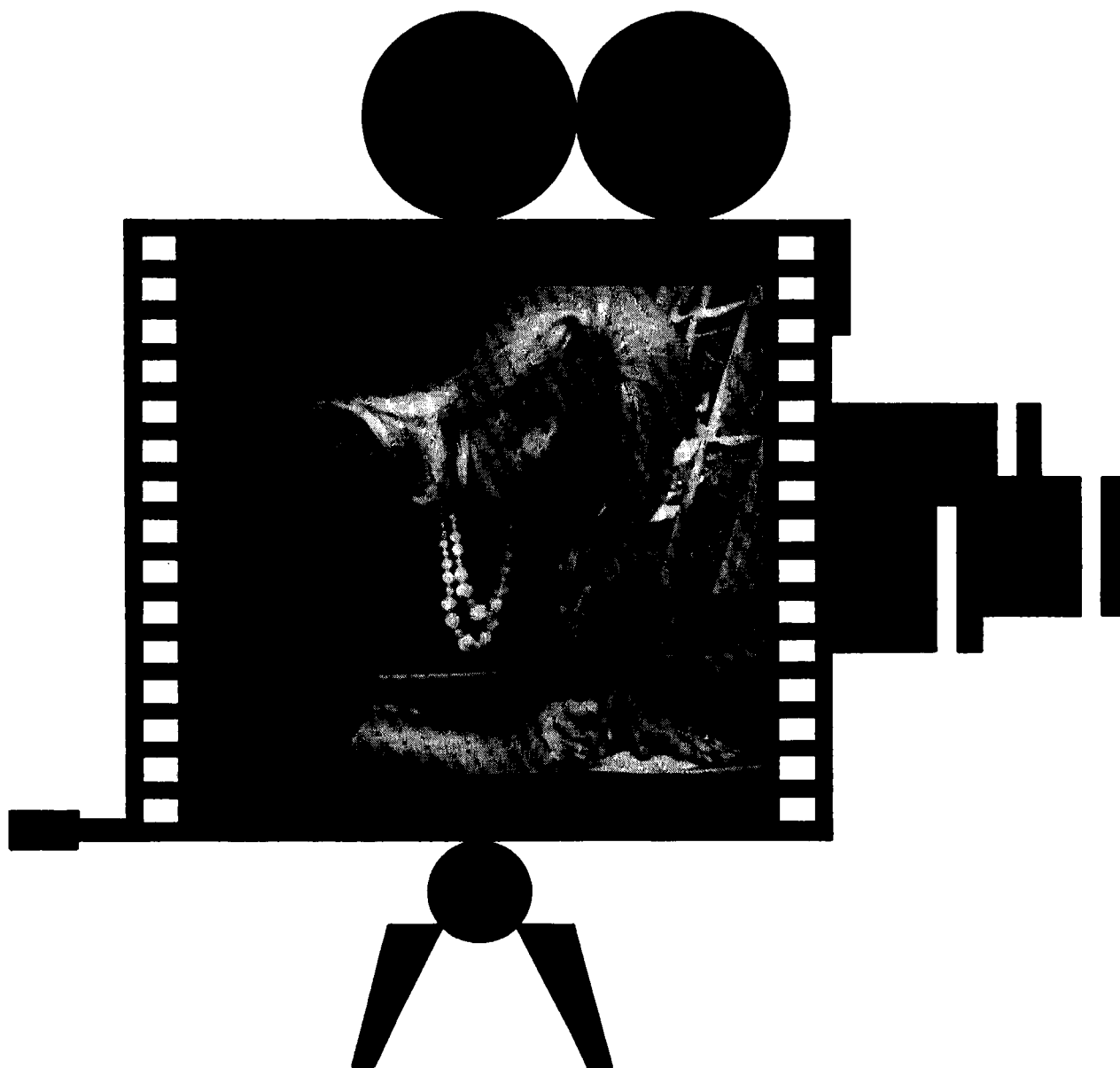
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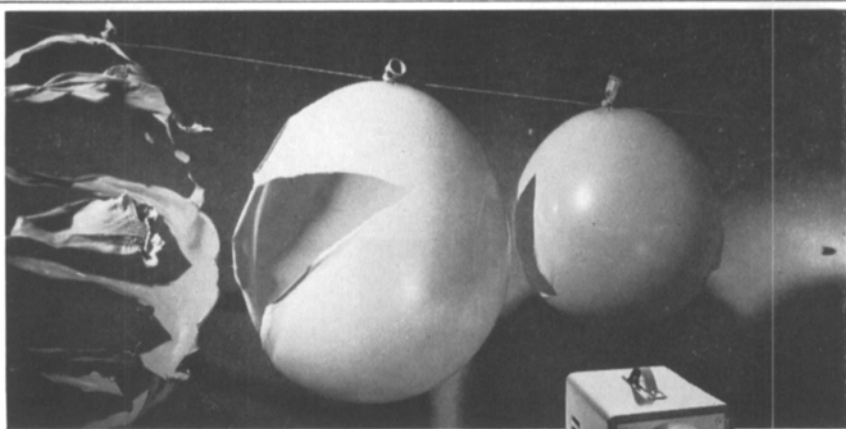
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BOSTON • LAS VEGAS • SANTA BARBARA

1960); (Permanent UNIATEC address: Secretariat, 92 Champs Elysees, Paris 7, France) 260 pp. paperbound, illus.

The Third International Congress of the Union of Technical Cinematographic Associations was held in Prague during October, 1960. It was attended by over one hundred delegates from nineteen nations, who presented papers in seven major subject areas: sensitometry and photochemistry, magnetic recording, acoustics, printing and duplicating techniques, projection, new methods of presenting motion pictures (wide screens, circular theaters, etc.), and television techniques. The papers, which were given in English, French, German, or Russian, have been compiled in this 260-page volume, with résumés in the three languages other than that used by each author.

This collection of papers provides an interesting record of the state of the art in certain technical fields, in the various countries. Many of the papers present extensive data, while others describe equipment or techniques.—*Allan L. Soren*, Eastman Kodak Co., Research Laboratories, Kodak Park, Rochester, N. Y.

Books, Booklets, Brochures

Oceanographic instrumentation equipment is described in a catalog available from Edgerton, Germeshausen & Grier, Inc., 170 Brookline Ave., Boston 15, Mass. Among the products illustrated and described are the EG&G Pinger System, an acoustic device for positioning of oceanographic equipment at precise distances above the ocean floor; the Pinger Probe, a system which shows sunken objects or geological features buried under as much as 40 feet of bottom mud; and the Boomer Seismic Profiling System, which traces geological interfaces beneath the ocean floor in deep water. Also available are technical data sheets on a new photographic lighting system called the EG&G Model 520 Multiple Microflash. This is a packaged unit designed for multiple exposure photography of high-speed events in ballistic, fatigue, and stress/strain studies. It is described as having a peak light output of up to 4 million beam candle-power.

Proceedings of the NAEB Conference on Instructional Broadcasting held at the University of Illinois, May 13-15, 1963, is available from the National Association of Educational Broadcasters, 1346 Connecticut Ave., N.W., Washington, D.C. 20036, at a price of \$2.00. The 98-page Proceedings, edited by Betty McKenzie, contains 17 papers covering various aspects of instructional broadcasting. Chapter headings include: Application of Principles of Learning to Instructional Broadcasting; Uses and Utilization of Television; Creative Production for Instruction; Technical Sessions; Faculty Rights and Compensation; and Manpower and Training. A paper by Harold E. Wigren on "The Professional Rights and Responsibilities of Television Teachers" appears under the chapter heading of Faculty Rights and Compensation. A group discussion centered around a paper by Robert R. Suchy of Milwaukee

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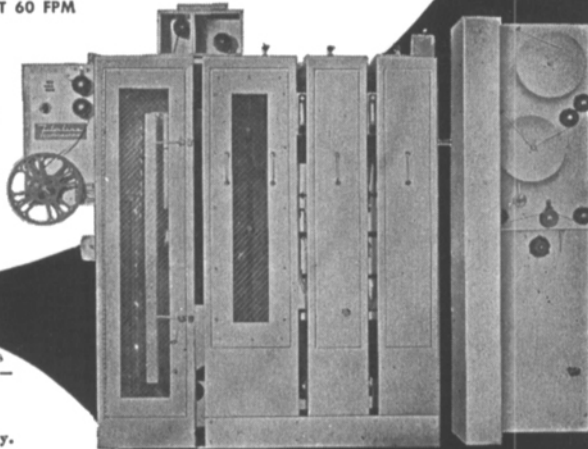
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