books reviewed

The Master Guide To Theatre Maintenance

By Aaron Nadell. Published (1955) by the Author, 130-57 Lefferts Blvd., South Ozone Park 20, L.I., N.Y. 240 pp. Illus. Graphs $4\frac{3}{4} \times 7$ in. $5.00.

The theatre manager to whom this book is addressed is described by the author as one of the "group of men who carry perhaps the most extensive and varied range of burdens of any group in the country . . . who is responsible for everything from the furnace in the cellar to the flashings of the roof." Nor, to judge from the contents, do the manager's activities stop at the building boundaries. The book gives him legal, accounting and insurance information; practical information on attracting patrons and keeping them; basic technical background on air conditioning, heating, projection and sound equipment; check lists of daily and seasonal tasks; practical methods of realizing operating economies; cleaning, painting and sanitation procedures; and more. The great amount of information that has been packed between the covers of this pocket-sized reference book is a gratifying tribute to the author's 25 years of experience in the field of motion-picture entertainment.—*Bernard D. Plakun*, General Precision Laboratory Inc., Pleasantville, N.Y.

Data and Circuits of Television Receiving Valves

By J. Jager. Published (1953) Philips' Technical Library, distr. by Elsevier Press Inc., 155 E. 82 St., New York 28. 215 pp. Illus. Graphs. 6 × 9.

This new text is particularly devoted to the discussion of specific tubes (valves) which may be employed in modern high-quality television receivers. A great many receiver circuit diagrams are included, together with information as to the tubes (valves) which may be used to advantage in each circuit diagram. The tubes indicated are Philips tubes, of course, and this provides very useful information on some of the European tubes now in current use.

Three modern Philips direct-viewing picture tubes are described, the MW 36-44, the MS 36-24 and the MW 43-43. These television picture tubes are very similar in development to those currently in use in the United States, but the technical information given in the book is of extreme interest to any television engineer. The curves and graphs given throughout the text will be found very helpful.

It is thought that this new addition to the books included in the Philips Technical Library will be helpful and useful to any

television engineer who might add a copy to his collection of engineering texts. It is highly recommended to those who seek to acquire a knowledge of Philips television receiver valves (tubes), and their use in modern European receiver circuitry.—*Scott Helt*, Allen B. Du Mont Laboratories Inc., Clifton, N.J.

The American Psychologist
Vol. 10, No. 10, October 1955

Published by American Psychological Assn. Reprints of this issue are available at 30 cents each from The American Psychologist, Prince & Lemon Sts., Lancaster, Pa.

This Special TV Issue of this magazine indicates the more than cursory interest now being taken in television by scholars in various subject matter areas. In addition to the mention of the vast audiences which television already reaches, it is pointed out that TV could be as "revolutionary as the book."

How limitless both the material and the audience is for Educational Television is emphasized by reference to two types of audiences not always mentioned: (1) "Suppose that big-screen TV were adapted for the use of so-called 'backward countries'; could it not telescope the time scale of the battle for literacy? What would be *new to the natives* would be the written alphabet"; (2) "Ideas in themselves are interesting, and one need not resort to 'stunts' to reach and hold an audience. We should not underestimate the TV audience."

All of the articles in this TV issue were written by outstanding leaders in education, television and educational television. The invaluable bibliographical section, entitled "Selected References in Educational Television," was prepared by Dr. Benjamin Shimberg of the Educational Testing Services, Princeton, N. J. Technicalities are not overlooked; industrial and professional cameras which use the Vidicon pickup tube is recommended in preference to the luxury broadcast equipment of commercial television.

TV is young, and ETV brand new. Cooperation and tolerance on the part of educators, television and audience is necessary for ETV to have a chance to mature.—*Harry J. Skornia*, National Association Educational Broadcasters, Urbana, Ill.

The Journal of the American Society of Safety Engineers is a new publishing venture of the ASSE. Volume 1, Number 1 has appeared, dated February 1956.

Edward B. Landry, President of ASSE, has announced that the professional aim of the publication is to give safety engineers, management officials and others information on the prevention of accidents and better application of safety engineering principles, with technical articles to be directed at supplying new knowledge on developments from research and on-the-job experience. J. B. Johnson is secretary of the American Society of Safety Engineers and manages the society and its activities. The editor of the new publication is Robert E. Beighley, and the associate editor is Charles S. Wolff. ASSE headquarters are at 425 North Michigan Ave., Chicago 11.

current literature

The Editors present for convenient reference a list of articles dealing with subjects cognate to motion-picture engineering published in a number of selected journals. Photostatic or microfilm copies of articles in magazines that are available may be obtained from The Library of Congress, Washington, D.C., or from the New York Public Library, New York, N.Y., at prevailing rates.

American Cinematographer vol. 37, Jan. 1956

Photographic Preproduction Tests (p. 24) *J. Ruttenberg*

Current Techniques of 35mm Color Film Photography and Printing (p. 26)

A New Method of Insert Cinematography (p. 28) *J. Arnold*

A Simplified Method for Recording Magnetic Sound on 16mm Film (p. 38) *O. H. Horovitz*

American Cinematographer vol. 36, Dec. 1955

And Now 55mm (p. 706) C. G. Clarke

New Portable VistaVision Camera (p. 713) *A. Rowan*

Movie Studio in a Track (p. 714) *F. J. Roh, Jr.*

Magnetic Recording for Auricon Cameras (p. 717)

Filming with Filmorama (p. 718) *C. Harrington*

Audio vol. 40, Jan. 1956

High-quality Dual Channel Amplifier (p. 13) *C. W. Harrison, Jr.*

British Kinematography vol. 28, No. 1, Jan. 1956

Xenon Arc Discharge Lamps for Film and Television Industries (p. 5) *H. W. Cumming*

vol. 27, No. 6, Dec. 1955

Appreciation of the Origins of Cinematography (p. 171) *B. W. Coe*

International Photographer vol. 28, Jan. 1956

Wide Screen Chronology (p. 5) *J. L. Limbacher*

Perspecta Sound System (p. 8) *R. A. Dupy*

VistaVision (p. 10) *L. L. Ryder*

International Projectionist vol. 30, Dec. 1955

RCA Reproduces Pictures by Magnetic Tape System (p. 18)

Portable Arclamp Equipment for 16mm Projection (p. 19) *R. S. Freeman*

1945 to 1955: Ten Years of Progress in Projection Technology (p. 21)

Kino-Technik vol. 9, Dec. 1955

Schmalfilm im Blickfeld. Neue Moglichkeiten durch den Ton (p. 460)

Universelles Schmalfilm-Tonsystem fur alle Verfahren (p. 463) *H. Schmidt*

Vertonung von 8mm-Schmalfilm mit dem "Synchromat" (p. 468) *W. W. Diefenbach*

Schmalfilm als wichtiger Faktor im Fernsehbetrieb (p. 470) *L. Furst*

Indexskalen und ihre Vorzuge fur die Aufnahmetechnik (p. 483)

Ein neuartiges Beleuchtungssystem fur Bildwerfer (p. 484) *H. G. Roscher*

Maschinen fur Negativ- und Umkehr-Entwicklung (p. 490) *W. Selle*

Phillips Technical Review vol. 17, No. 7–8, Jan.–Feb. 1956

The "Scenioscope," a New Television Camera Tube. P. Schagen, J. R. Boerman, J. H. J. Maartens and T. W. van Rijssel (p. 189)

Radio & Television News vol. 55, Jan. 1956

New G-E Color Picture Tube (p. 104)