
INDUSTRY NEWS AND EDUCATIONAL ACTIVITIES

A symposium entitled "Film and the Electronic Image of the 80s — Marriage or Divorce?" will be conducted June 27 at the Royal Garden Hotel, London, preceding BKSTS 81 (June 29 - July 3) which will celebrate the BKSTS 50th anniversary. With an impressive list of speakers representing a wide range of opinions, the program will certainly stimulate a flood of serious discussions into new technologies and the direction of future investments. Topics to be discussed will include film, video, videocassette, videodisk, digital television, and satellite transmission.

Speakers will include Charles E. Anderson, Product Planner for Ampex and SMPTE President, who will talk on "Shooting for Video"; Irwin Young, President of Du Art Laboratories, "16-mm

Market in the United States"; Fred Scobey, President of DeLuxe General, "35-mm Market in the United States"; and Sidney Solow, of Consolidated Film Industries, who will speak on "Pirating."

Harold Edgerton and Jack W. Mitchell, both internationally known scientists, have each been presented with the Culture Prize of the Deutsche Gesellschaft für Photographie. Dr. Edgerton, Professor Emeritus at MIT and an Honorary member of the SMPTE, is perhaps best known as the inventor of the stroboscope, which made possible the remarkable achievements of high speed photography which can catch on film movements too fast for the human eye to see — making visible the hitherto invisible. But aside from his invention of the

stroboscope, his activities and inventions in all phases of cinematography have greatly advanced research and exploration in many disciplines. Two of the books which he has authored are *Flash, Seeing the Unseen* (co-author James R. Killian, Jr.) and *Electronic Flash, Strobe*.

Mitchell developed a comprehensive theory of the photographic process. One of his first publications appeared as a special edition of *Photographische Korrespondenz* in Germany.

The 1981 ISCC Godlove Award was presented to Robert Merrill Boynton at the Golden Anniversary Banquet of the Inter-Society Color Council on April 27, 1981. This award is presented every second year for "outstanding contributions to the knowledge and use of color." The



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Mr. Dan Zinn, President
Magnasync-Moviola Corp.
5539 Riverton Ave.
North Hollywood, CA 91601

Dear Dan:


I am writing to express my appreciation for the Moviola console editors. I cannot begin to properly convey my extreme satisfaction and enthusiasm for the machines. In ten years of preparing films for Filmex, I have used both the KEM and Steenbeck units. Although they did the job, the Moviolas make the entire process, which can only be described as pure drudgery at best, an absolute pleasure.

The Moviolas are quieter, easier to operate, and respond faster. The overall better design characteristics are evident in the more logical control placement, easier threading and much better treatment of the film. In our use of the machines we are meticulously examining rare old prints, new "green" prints, trailers, nitrate film, shorts - every kind of film you can imagine, and under intense pressure of time. The machines out-perform and outclass every other machine or method I have ever used. The comparison to other flatbed machines is best described as comparing a Rolls-Royce to a jeep.

In short, the Moviola console editors are a superb design, magnificently built. I extend my sincere gratitude to you and your colleagues for your generosity in supplying the editors -- greatly assisting us with the preparation of the 1981 Los Angeles International Film Exposition.

Thank you.

Cordially,


Gary Essert

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award citation stressed Dr. Boynton's 30 years of research in color vision and his very significant contributions to our current state of knowledge of the way the human color vision system operates. His research has included studies of stray light in the human eye, adaptation, form discrimination, temporal effects (including flicker), heterochromatic brightness matching, color naming, color discrimination at both threshold and supra threshold levels, and distinctness of borders. His recently published book, *Human Color Vision*, explains current concepts

about the nature of color perception in a way that is understandable to the general reader as well as to specialists.

The United Kingdom Teletext Industry Group has asked the Federal Communications Commission to begin a proceeding to adapt rules to allow use of the British "defined format" teletext system in the United States. Compatibility with the Canadian Teledon system with line 21 captioning for the deaf; full color picture and telesoftware capabilities; and cost effectiveness and ruggedness are among

the features of the proposed multilevel system. The filing represents a major step in the accelerating use of British teletext technology in the United States, following closely on the formation of the U.S. marketing organization, British Videotex and Teletext.

The announcement noted that the British-defined format is resistant to disruption by multipath transmissions and interference because it makes use of the most stable aspect of broadcast, the television horizontal line.

The filing proposes five levels of British teletext operation for use in the United States. These include, in addition, level 1 which is now used in the United Kingdom and other countries around the world, levels 2 through 5 which have increasingly sophisticated display capacities including, among other things, non-spacing attributes, multilanguage coding, full screen fine-line graphics, and full color pictures. Also proposed is "telesoftware" or the transmission of computer programs for reception by British decoders and processing in home or business computers. Captioning for the hearing-impaired is proposed at all levels of British teletext development. Further information is available from British Information Services, 845 Third Ave., New York, NY 10022.



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A unit that can amplify speech without distortion is distributed by Voice Microsystems Ltd., Unit F, Cardiff Workshops, East Moors, Cardiff CF1 5EH, Wales. The device is based on a technique known as feedforward level control. Designed for all voice-communication systems, the device incorporates a micro-processor for precise control of speech amplitude, signal-to-noise ratio and waveform characteristics. The system was developed at University College in Swansea, Wales, and subsequently backed by Britain's National Research Development Corp. The equipment can be installed in a voice-communication system at any audio point between the microphone and the loudspeaker.

The processed speech is said to be inherently some 8 dB louder than natural speech of the same peak amplitude. Peak output is constant within ± 0.5 dB over a 24 dB input variation. Signal-to-noise ratio can be improved by up to 51 dB to remove unwanted ambient noise at the



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- Versions:

The A version incorporates special facilities such as pulse cross mode, notch filter, split screen, RGB switches, RYBS output, R-Y and B-Y output.

B version: without special facilities.

- Decoders: with an optional set of decoder printed circuit boards plugged in, the CTVM 3 accepts composite NTSC; PAL or SECAM signals (Comb-filter or aperture correction optional on NTSC version).

- Mechanical construction: conversion from cabinet to rack, VTR bridge, in-wall or ceiling mounting is easily accomplished without dismantling the monitor through the optional special mounting kit.

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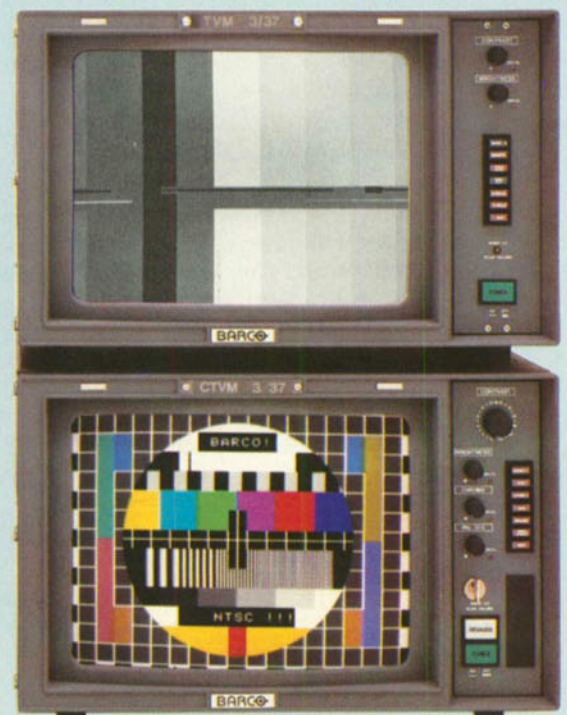
Facilities to be essential including colour subcarrier filter, pulse cross, size switch, remote control, internal/external sync. offer broadcast-oriented operating features and controls.

As regards to the CRT a choice is offered between WA (6500°K illuminant D) and W (9.300°K) phosphors. Screen size and mechanical construction can be chosen as with the colour monitors.

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point of transmission. Speech that has been degraded to 0 dB signal-to-noise ratio can be improved to 5 dB. Characteristics of the processed speech resemble those of normal telephone speech, but the equipment can be factory programmed for specific amplitude characteristics. Normally all speech sounds are raised to the same level of loudness so that high intelligibility is retained under ambient noise.

A statement advocating changes in the Training of Lighting De-

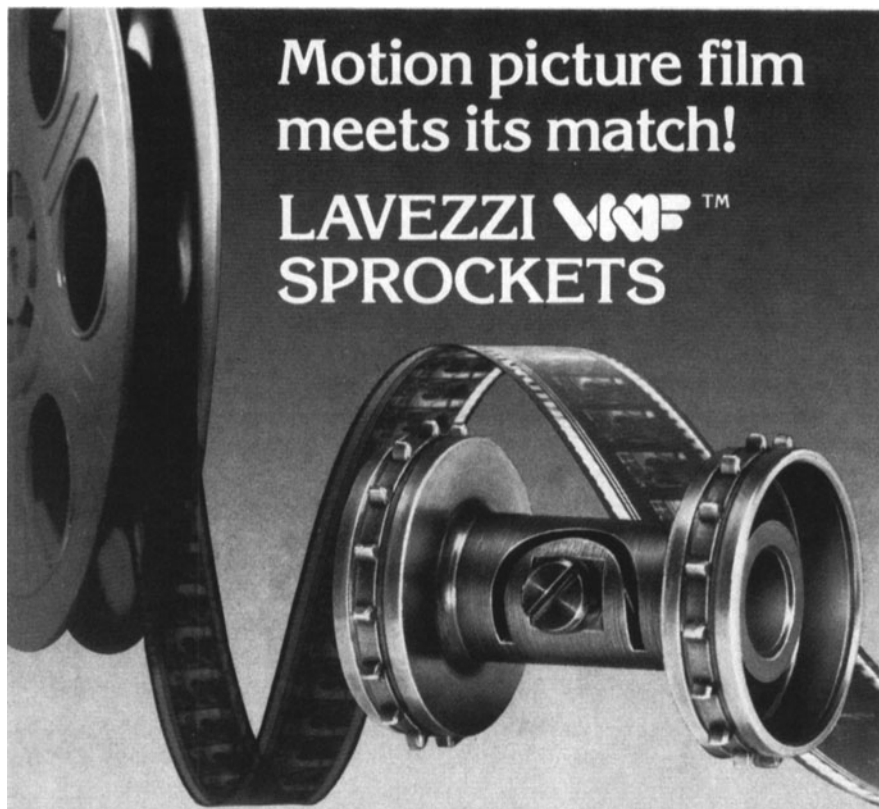
signers (T.O.L.D.) was agreed upon at a meeting of the United States Institute for Theatre Technology held January 10-11, at Purdue University in West Lafayette, Ind. Twenty-three lighting designers and engineers were present including SMPTE Engineering Vice-President, Roland Zavada. Those present included designers from the fields of architectural and landscape lighting; television, film, theater and concert lighting; interior lighting; illumination engineering; key educators; and major manufacturers. In essence, the detailed statement said, "It is necessary

to improve educational programs for lighting design. Design complexities and energy constraints require special instruction with a broader foundation than present curricula provide. Lighting design education should cross departmental lines."

RCA Corporation has formed a new subsidiary, RCA Communications, Inc., which will serve as a holding company for the corporation's existing communications activities and will direct the development of new communications services. RCA Communications will have overall responsibility for the activities of three companies — RCA American Communications, Inc., RCA Global Communications, Inc., and a new subsidiary, RCA Network Services, Inc. RCA Americom provides domestic satellite services and RCA Globcom provides international communications services. The RCA Network Services activity will engage primarily in the development of new domestic services. Julius Koppelman, an executive vice-president of RCA Corp., will serve as chairman of the new holding company. Eugene F. Murphy, who is president of RCA Global Communications, will be president and chief executive officer of the new company and chairman of the three subsidiary companies. Murphy also was elected a group vice-president of RCA Corp.

Technicolor, Inc., 2049 Century Park East, Suite 2400, Los Angeles, CA 90067, recently announced that its subsidiary, The Vidtronic Company, Inc., a videotape post-production facility, has established a new division for the duplication of videocassette tapes for the home market and other nontheatrical areas of distribution. There will be an initial capacity of more than 2 million videocassettes per year.

Sharp Electronics Corp. has adopted the VHD (Video High Density) format videodisk for marketing in the United States in the first quarter of 1982, according to a recent announcement. Sharp Electronics will concentrate on the marketing of players only. The players will be designed and produced by Sharp Corp. at its plant in Tochigi, Japan. There are no present plans for manufacturing software.



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