

National Academy of Television Arts and Sciences Presents Engineering Emmys

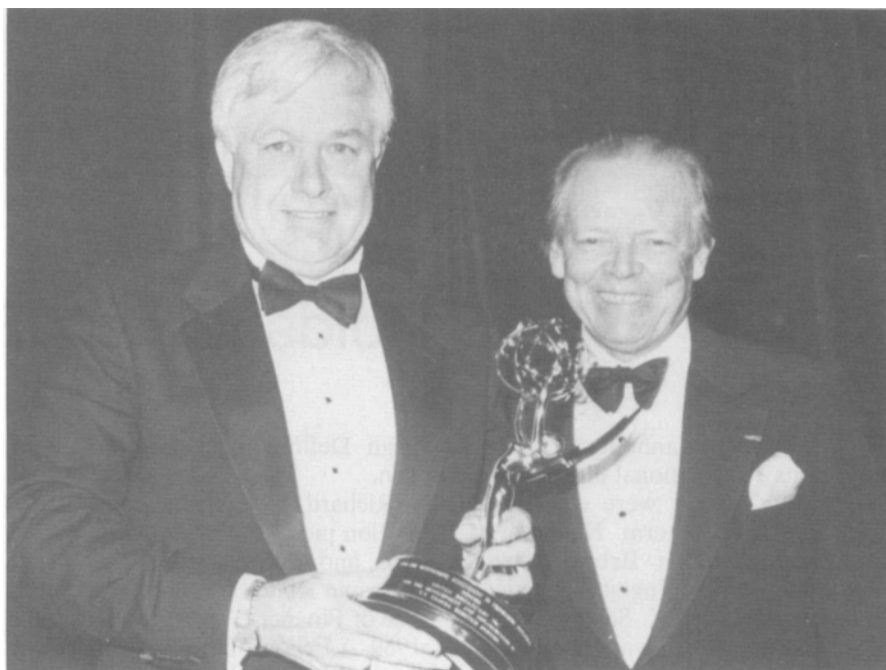
Individuals and corporations that made outstanding contributions to the advancement of television engineering during 1990 and 1991 were honored with Emmy Awards by the National Academy of Television Arts and Sciences (NATAS). The awards, which were for "outstanding achievements in engineering development," were presented during ceremonies at the Marriott Marquis Hotel in New York City.

Sony Corp. received two Emmys for technical accomplishments in CD and CCD technologies. The company's involvement in digital audio technology led to the development of the compact disc, and its achievements in the advance of CCD technology resulted in the development of its HyperHAD CCD, which allowed the company to produce the most light-sensitive CCD professional video camera currently on the market.

In addition, the company received a special Emmy for lifetime achievement in broadcast technology. The award was given to Masahiko Morizono, the company's chief advisor for technology. This personal award is the first time such a distinction has been given to an individual in the technical category.

Morizono's accomplishments include the introduction and standardization of many popular broadcast-video formats as well as developments leading to ENG; the introduction of U-matic® and Betacam® formats were under his guidance. He also oversaw the introduction of the 1-in. Type-C, digital, and HDTV recorders.

Matsushita Electronics Corp. also received an Emmy for its work with CCD technology. The company has been a major contributor to the development of CCD imaging technology, which has led to CCDs replacing tubes in virtually all video cameras for consumer, professional, broadcast, and high-definition use. The company's development program began with a 1-in. frame transfer CCD device in 1978 and has advanced to the introduction of the world's first ½-in. frame interline transfer CCD chip



Jack Dawson, Vinten Broadcast Inc., accepting the Emmy from NATAS President John Cannon.



Yves Faroudja, Faroudja Laboratories, giving an acceptance speech at the Emmy Award ceremonies in New York City.

with 1.3 million pixels (a joint development with NHK).

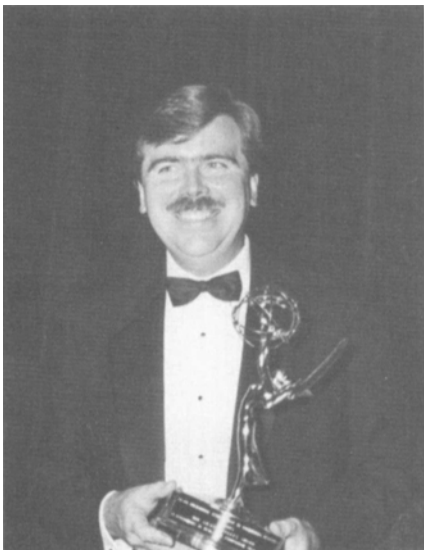
An Emmy for "development of test signals and measuring equipment for performance evaluation of component video systems" was jointly awarded to Tektronix, Inc., and Magni Systems, Inc., citing the contributions that both firms have made toward multiformat video testing.

Vinten Broadcast Inc. received an Emmy for its Microswift TV camera robotics system. The company was cited for its "outstanding achievements in engineering development" in

the area of robotics. The award closely follows the successful installation of the largest Microswift broadcast television facility.

Graham-Patten Systems, Inc., was awarded an Emmy for the development of the D/ESAM 800 Digital Edit Suite Audio Mixer. The unit employs high-speed digital signal processors to combine digital and analog signals in the same system, making it possible for digital and analog VTRs to be used together.

Faroudja Laboratories received an Emmy for "techniques for minimi-



Bob Wilson, Grass Valley Group, displaying the Emmy Award.

zation of NTSC artifacts through advanced encoding techniques.” Company president Yves Faroudja, who accepted the award, has been instrumental in improving video enhancement, noise reduction, line doubling, and NTSC encoding and decoding techniques. SuperNTSC™, an advanced television system, is the result of all these developments.

Accom, Inc., was presented with an award for “digital encoding from 525/626 analog and digital component to analog and digital composite.” The company’s D-Bridge 122 Digital Encoding System is the only PAL/NTSC encoder that provides high-quality encoding with digital stability.

Radamec-EPO received an Emmy for its computerized robotic camera systems. The award recognized the company’s 30-year history of furnishing robotic camera systems and service to the broadcast industry.

Grass Valley Group was honored with an Emmy Award for its development of the Kadenza™ Digital Picture Processor, which satisfies the needs of high-end TV post-production and graphics facilities. This is the second award recognizing the system; in August, the Academy of Television Arts and Sciences presented the company with a special engineering award, an Emmy Plaque, during ceremonies held in Pasadena, Calif. At that time, an Emmy Plaque for technical achievement was presented to Dencke Inc. for its TS-1 Time Code Slate, which reads and displays SMPTE/EBU time code for film and video production.



Accepting Matsushita Electronic Corp.’s Emmy are (from left): Steve Bonica, Panasonic Communications & Systems Co.; I. Teramoto, Matsushita Electronic Corp. (MEC); and T. Murase, Matsushita Electric Industrial Co.



Luigi Gallo, Accom, Inc., pictured with the Emmy Award.



Dan Castles, Tektronix, Inc., thanking the Academy for the Emmy Award.