

New Products & Developments

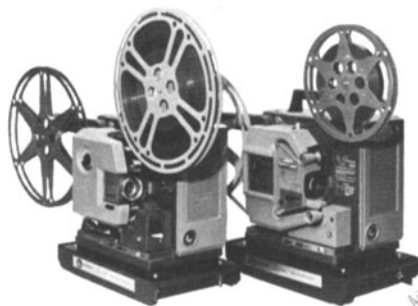


PCM-1600 and PCM-100. The price is about \$45,000.

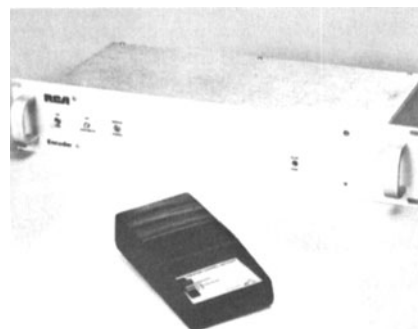
vidicon camera with an ac adapter, 1 1/2-in electronic viewfinder, an auto iris 6:1 zoom lens, a built-in electret microphone, 90° rotatable eyepiece, a handgrip with a trigger switch, an incident light level indicator, an on-camera recording/pause control, white balance control and a 6-ft cable. The camera weighs about 7.7 lb. It is priced at about \$1250. Available accessories include a 33-ft camera extension cable priced at about \$69.95 and a unidirectional shotgun microphone priced at about \$69.95.



The TK-47T, a new triax model of the TK-47 automatic color television camera designed to provide the convenience and versatility of triaxial cable operation, has been announced by RCA Broadcast Systems, Bldg. 2-2, Camden, NJ 08102. The TK-47T is designed especially for outside broadcast operations which call for extremely long cable runs. It can be operated at cable lengths up to 2.75 km (9000 ft). The TK-47T system is designed for maximum transparency to deliver the same high quality picture as that produced by the basic camera. Price of the TK-47T is \$109,400.



The Model 3161 16-mm Automatic Threading Tele-Cine Projector with still frame feature, and the Model 3162 16-mm Tele-Cine projector with still frame and remote control have been announced by Radmar, Inc., P.O. Box 425, Northbrook, IL 60062. The firm's original 16-mm Tele-Cine slot loading projector has been redesignated Model 3160 (formerly 1580-RVC). Features of the projectors include optical paired playback, high acceleration synchronous drive, tungsten halogen lamps, and 4-ft elevation and tilt base mount. Model 3160 is priced at \$1895, Model 3161 at \$2050, and Model 3162 at \$2295.



An encoder/decoder system for cable television has been announced by RCA Cablevision Systems, 8500 Balboa Blvd., Van Nuys, CA 91409. The system consists of the SSO decoder and the ESS10 encoder. The decoder can be used on or near the television receiver and can be installed by the subscriber. In addition to selecting the premium channels, the decoder switch has a separate position providing bypass for the non-encoded channels. The descrambling is accomplished at the decoder by a switched attenuator. When properly synchronized, the device can attenuate the non-suppressed portion of video to match that of the pre-suppressed sync intervals. The decoder is made of high impact materials in one piece. It is compatible with converters or it can be used in cable systems that do not employ converters.

The SSO10 encoder can scramble one channel of programming being distributed as a premium channel and signals sent into the encoder before program distribution can be received by subscribers as out-of-sync video. The encoder is priced at \$150 and the price range for the decoder is from \$21 to \$26.

The Model 452 amplifier developed to accommodate an expanded bandwidth of from 50 to 400 MHz beyond the 36 channel capacity of existing CATV amplifiers has been announced by RCA Cablevision Systems, 8500 Balboa Blvd., Van Nuys, CA 91409. Features include two-way modules, gold plated RF connectors and plug-in hybrids. The connector interface can accept the largest 1-in cable



The DAE-1100 Digital Audio Editor has been announced by Sony Corp. of America, Professional Audio Products Div., 9 W. 57 St., New York, NY 10019. Features include a "search dial" said to be able to locate an edit point with greater precision than the width of a razor blade, i.e. an accuracy of 362 μ s. The DAE-1100 provides a widely variable cross-fade edit capability as well as a preview feature. According to the announcement, "Digital tape-to-tape editing maintains the quality of the original tape throughout the editing process because of the cloning aspect of digital recording." Other features include an SMPTE time code generator/reader. A digital LED display counter for both recorder and players is capable of displaying up to 23 h, 59 min, 59 s, and 29 frames. The two-component editor houses the electronics in a rack-mounted unit measuring 16 3/4 x 10 1/4 x 21 in, and a compact remote-control keyboard can be conveniently placed where needed in the studio. The DAE-1100 was designed especially for use with Sony digital audio processors



Four new lenses have been added to the L3TVA1 auto iris series of lenses for television use according to an announcement from Lenzar Optics Corp., 1006 W. 15 St., Riviera Beach, FL 33404. Additional focal length ratings offered include 5.2, 6.6, 10.5 and 31.6 mm. Prices range from \$680 to \$795.

An industrial/educational color camera, Model XC-210, has been announced by Sharp Electronics Corp., 10 Keystone Place, Paramus, NJ 07652. It is a single 1-in tri-electrode

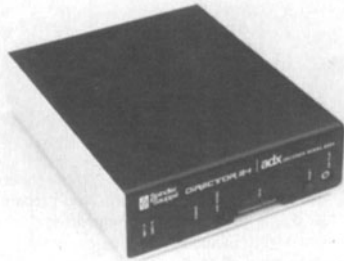
center conductor. The shrink boot collar has been expanded for improved surface contact and the plug-in surge arrestors are mounted directly to the housing connectors. The Model 452 amplifier group includes a trunk, trunk bridger, terminating trunk bridger and intermediate/terminating bridger. Also announced is the Model 450 line extender and a 400 MHz series of passive components to interface with the new amplifiers. Price range for the Model 452 amplifier is from \$906 to \$1650.



A new time base corrector and frame synchronizer designed to operate with Type C videotape recorders has been announced by ADDA Corp., 1671 Dell Ave., Campbell, CA 95008. The unit, which provides digital drop-out compensation, has been designated the VW-2. Features include 525 lines of time base correction to prevent vertical blanking problems; detection to prevent illegal blanking, color phase inversion, vertical stepping, video breakup and wrong field edits; heterodyne or direct color processing; vertical blanking control adjustable within 15-21 lines; horizontal blanking fixed at 10.8 μ s; and ve-

locity compensation in the synchronize and heterodyne TBC mode.

The VW-2 TBC Synchronizer is capable of delaying non-synchronous video feeds by as much as a full frame to make them synchronous with the station reference. In the TBC mode the unit is capable of simultaneous time base correction and synchronization making it possible to take raw, uncorrected feeds from telephone lines, microwave or satellites and switch them synchronously with studio program material. Price of the VW-2 is \$24,000.

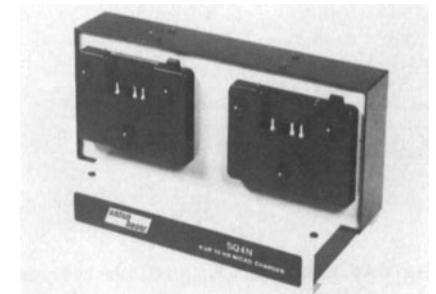


The ADX (Audio Digital Transmission) multi-image audiovisual control system designed to provide playback capability with cue speeds of up to 64 cues/s on standard audio tape has been announced by Spindler and Sauppe, 13034 Saticoy St., North Hollywood, CA 91605. The ADX decoder is a small box into which the digital information from one track of an audio tape is played. The

decoder has a ribbon data cable connector to drive up to four dissolve modules (16 projectors). Price of the ADX decoder, Model 8224, is \$705. Price of a complete, single-screen 4-projector dissolve module and four projector modules is \$2450. Price of a complete 12-projector, multi-screen ADX system is \$5940.



The new VAR delay trimmers designed to permit extremely small delay adjustments and to ensure superior amplitude and delay flatness, have been announced by Allen Avionics, Inc., 224 E. 2 St., Mineola, NY 11501. The units can be used as delay trimmers alone or in conjunction with any of the other Allen Avionics delay boxes from dc to 5.5 MHz. Model VAR 011 has a delay range of 0-11 ns with trimmer continuously variable to 1 ns. Model VAR 005 has a delay range of 3-7 ns with trimmer continuously variable from 3 to 7 ns. Prices range from \$40 to \$100 depending on the quantity ordered.



The SQ-4N, a compact charger that can charge one to four snap-on Ni-Cad batteries simultaneously, has been announced by Anton/Bauer Inc., P.O. Box 616, 66 Center St., Shelton, CT 06484. The device can be used singly or as multiple units for charging 8, 12 or more batteries at one time. The unit incorporates solid state technology. The snap-on system does away with interconnecting cables and plugs. It has an LED for each battery position as positive indication of charge. The price is \$385.

Further information about these items can be obtained from the addresses given. As in the case of technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.

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