

# DJD

Degenkolb Engineering  
(702) 831-5015  
Fax: (702) 831-3067  
606 Fallen Leaf Way  
Incline Village, NV 89451

Electrolytic Cells—Ion Exchange—Automatic Control

## THE CINE 60 BATTERY BELT

# Powerfully Reliable



Twenty-five years ago, Cine 60 became the first name in portable battery power by inventing the Battery Belt. And we haven't stopped since. We've used new ideas, new materials, and new technology to make it more versatile, more rugged, and more comfortable. We developed the lightest, most efficient, most powerful built-in charger in the business. And found a way to combine high charging speed with maximum protection. Then we refined and developed our designs into the broadest selection of Battery Belts for Cameras, Vtrs, TV Monitors, Lights, and Sun-Guns. All with Cine 60's legendary ruggedness and reliability. Now, in our 26th year, proven reliability and proven life still is why more professionals use Cine 60 Battery Belts than any other. Powerfully reliable. Why trust your power to anything less?

# CINE 60

EAST COAST: FILM CENTER BUILDING/630 NINTH AVE. NEW YORK, NY 10036/TEL: (212) 586-8782  
WEST COAST: 1050 CAHUENGA BLVD. HOLLYWOOD, CA 90038/TEL: (213) 461-3046

# New Products



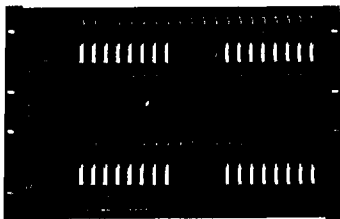
Enhanced EMME editing system.

An improved EMME computerized® editing system has been announced by EECO/Convergence, 1601 E. Chestnut Ave., P.O. Box 659, Santa Ana, CA 92702. The EMME editing system incorporates an industry standard color coded "editor compatible" keyboard and joystick for better tactile control over tape movement. The joystick allows the user to search through source and record footage in a high-speed scan while performing other functions such as positioning the record and source tapes, locating in and out points, freezing a source tape for a still frame edit, previewing, performing, and replaying any edit. To accommodate different editing styles, the EMME system gives the user a choice of interchangeable editing workstations.

A solid state video recorder has been announced by NEC America, Inc., Broadcast Equipment Div., 1255 Michael Dr., Wood Dale, IL 60191. The VSR™ 10 recorder, which incorporates dynamic random memory (DRAM) for data storage and high-speed digital video signal processing, is designed to accommodate a wide range of video processing applications in video digital effects, graphics, and animation teleproduction, as well as in the real-time live broadcast environment. Central to the design of the VSR 10 is the concept of multitasking. The speed of processing available in the solid-state recording system combined with multiple porting of the VSR 10 allows simultaneous performance of many tasks.

The C270 series of professional audio recorders has been announced by Studer Revox America, Inc., 1425 Elm Hill Pike, Nashville, TN 37210. The recorders are aimed at the professional user. The series, including the C270 1/4-in. 2-track, features three tape speeds (3 3/4, 7 1/2, and 15), variable speed built in (-33% to +50%), and an internal monitor speaker and head-

# DI-TECH'S VIRTUAL MATRIX MAKES OTHER ROUTERS VIRTUALLY PASSÉ



Model 5861  
64 x 32 Video Switcher



Model 5862  
64 x 32 Audio Switcher

Routing switchers are simple and efficient when all you need is a full AFV matrix. If you try reserving a few video only or audio only crosspoints, however, they can quickly become very clumsy and awkward. Now, you could play games moving switch cards around, tie up "spare" inputs with terminators, or rewire your router frames. But there is a better way.

Di-Tech's *virtual matrix* control system, Model 9002, maintains a software map of your router's hardware connections. This makes it easy to define single level crosspoints *anywhere* in a matrix, as well as preset breakaway switches. Special purpose routing – such as time code, RS422 or RGB – can be smoothly integrated into an 8 level master grid at any time.

Prepare for tomorrow with the company that can do it all today...Di-Tech.



**di-tech inc.**

48 Jefryn Boulevard, Deer Park, New York 11729  
(516) 667-6300, Telex No. 971806, FAX (516) 595-1012



# MOVING?

Please attach the mailing label from the wrapper to this form. Allow 8 weeks for change of address to take effect.

Fill in the form below providing either company address or your home address.  
Mail to: Membership Dept., SMPTE, 595 W. Hartsdale Ave., White Plains, NY 10607

Member Number																					
Name _____											Title _____										
Company _____																					
<input type="checkbox"/> Company Address _____																					
<input type="checkbox"/> Home Address _____																					
City _____											State _____										
Postal Code _____											Telephone _____										

## A video camera that grows with you. At Camera Mart.



Ikegami HL-95B Unicam Camera

At Camera Mart we've always had a strong preference for flexible equipment. Utilizing a unique "building-block" concept, the HL-95B is available as a standalone camera capable of accepting any on-board VCR, as well as multicore and triax.

The Ikegami HL-95B Unicam® is the only universal camera system that accepts all tape formats.

A newly developed 2/3-inch Plumbicon® tube (electrostatic focus/magnetic deflection) is incorporated into the HL-95B. Available now from Camera Mart.

**The more you know about video, the more you can rely on Camera Mart.**

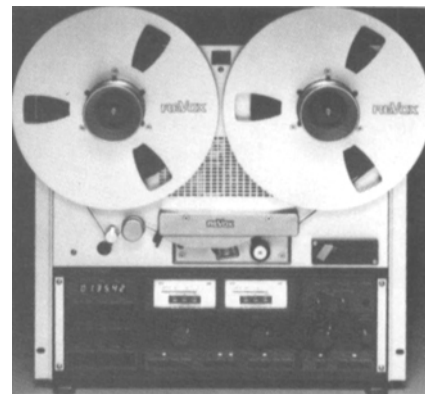
**The Camera Mart, Inc.**  
SALES • SERVICE • RENTAL

Headquarters/ New York  
456 West 55th Street, New York 10019  
(212) 757-6977  
Telex: 275619/FAX (212) 582-2498

Upstate/Central N.Y.  
305 Vine Street, Liverpool, N.Y. 13088  
(315) 457-3703 FAX (315) 457-3795

California  
1900 W Burbank Blvd., Burbank, CA 91506 (818) 843-6644

Indiana  
825 Royal Avenue, Evansville, Ind. 47715 (812) 476-6327



Studer Revox C270 sound recorder.

phone output with a selector for individual, stereo, or mono output.

Transport features of the C270 recorders include a true autolocator with zero- and address-locate allowing for precise search to cue, constant tape tension on both supply and take-up spooling motors, and one-hand cueing in edit mode under full servo-control.



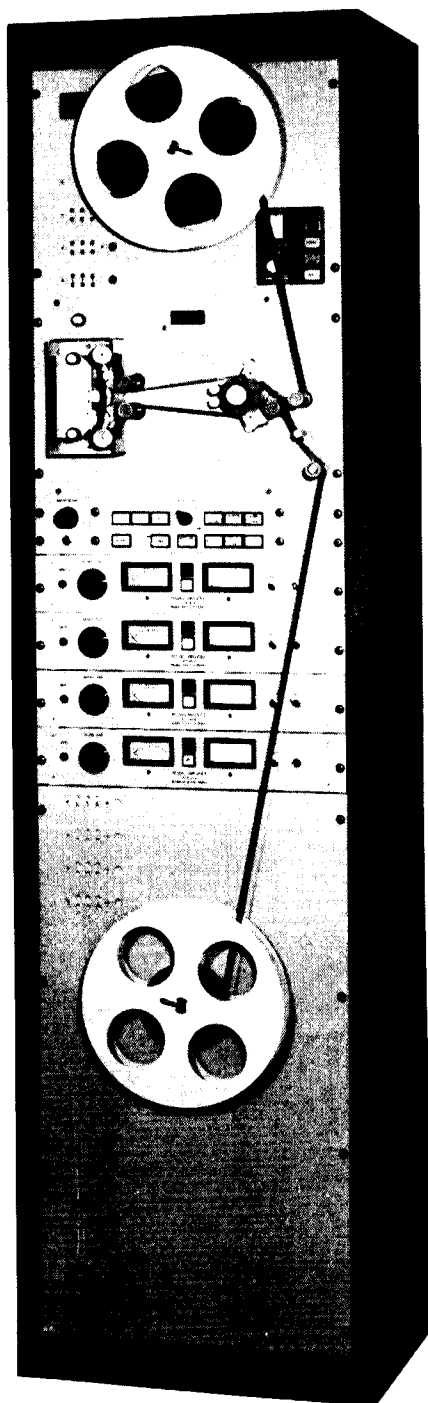
Fujinon HDTV lens.

Seven lenses for high-definition television were introduced by Fujinon Inc., 10 High Point Dr., Wayne, NJ 07470.

For 1 1/4-in. format Fujinon has three new fixed-focus  $f/1.4$  lenses: 13mm, 25mm, and 70mm. Horizontal field angles are  $71^{\circ}19'$ ,  $40^{\circ}55'$ , and  $15^{\circ}10'$ , respectively. The lenses provide servo or cine-type manual control for iris and focus. Also for 1 1/4-in., Fujinon introduced the new HP5X16SD, a 16 to 80mm zoom with a constant  $f/1.4$  maximum aperture. In servo operation, iris speed is 0.8 sec, focus speed is 1 sec, zoom speed is 1.5 sec. The lens weighs 14.5 kg.

For 1-in. format, Fujinon has a new 18mm fixed focus lens and two zooms. The 18mm lens is an  $f/1.2$  with a  $42^{\circ}21'$  horizontal field angle. It has a minimum object distance of 0.65 m and weighs 5 kg. The HR11X11SD is an 11 to 121mm zoom with a constant  $f/1.8$  maximum aperture to 110mm ( $f/2.0$  at 121mm). In servo operation, iris and focus speed are both 0.8 sec, zoom speed is 1.25 sec. The lens has a minimum object distance of 1.2 m and weighs 8.5 kg.

The second new zoom for 1-in. is the HR22X18SD, an 18 to 400mm zoom with an  $f/1.8$  that is constant out to 350mm



# **MAGNA-TECH**

## **THE SOUND HEARD AROUND THE WORLD**

**Magnetic Film  
Recorders and Reproducers  
for Television and Film  
Sound Post-Production**

### *HIGH SPEED*

Telecine Magnetic Followers  
Video Tape-Film Interlock  
Electronic Looping  
Dubbing Systems  
16 and 35mm Electronic Projectors  
Total Facility Engineering

#### **WORLDWIDE SALES OFFICES**

**Paris**  
Hi-Fidelity Services  
4 Rue Semard  
75009 Paris, France

**Sydney**  
Magna-Techtronics (Aust.)  
PO Box 557  
Artarmon NSW 2064  
Australia—Telex 24655

**Johannesburg**  
Magna-Tech (SA) Pty  
Private Bag #5  
Melville 2109  
South Africa  
Tel: 011-726-4266

**Rome**  
Studio Sound System S.N.C.  
Via Teano 305  
00171 Roma Italy  
Tel: 2715476  
Telex 620078

**Brussels**  
A.R.C.  
Rue de Boisdé Linthout 45  
1200 Brussels Belgium

**Caracas**  
Cine Materiales srl  
Apartado Postal 61.098  
Caracas 106 Venezuela

**Willstatt West Germany**  
Zenon GMBH  
Carl-Benc Str. 6  
Willstatt 7601  
Tel: 07853/7025  
Telex: 753537

**London**  
Branch & Appleby  
Stonefield Way  
Ruislip  
Middlesex HA40YL  
England

**Kuala Lumpur**  
Kinematronika Sdn. Bhd.  
2852, Jalan Selangor/  
Persekutan  
Federal Hill  
Kuala Lumpur, Malaysia

**Madras India**  
S.R.K. Menon  
A-4 Parsn-Apts  
109-G.N. Chetti Road  
T. Nagar  
Madras 600 107  
Tel: 440079

---

## **MAGNA-TECH ELECTRONIC CO., INC.**

630 Ninth Avenue, New York, N.Y. 10036

Telephone (212) 586-7240

Telex 126191

Cables "Magtech"

# WRE Model 3600

Available as a Dubber,  
Recorder or Pick-Up  
Recorder (16 or 35mm)

PRICES  
START  
AT

## \$3678.00



140 Sun Valley Circle • St. Louis, MO 63026  
(314) 343-9191 • Telex: 44-2560

(*f*/2.0 at 400mm). It provides servo iris (0.8 sec), focus (0.7 sec), and zoom (1.0 sec). The minimum object distance is 5.5 m; weight is 24 kg.

Four new cart systems have been unveiled by Odetics, 1515 S. Manchester Ave., Anaheim, CA 92802. The TCP1000 is a lower cost "play only" cart machine featuring the same equipment as Odetics' TCS2000 integrated record/play cart systems, excluding the record hardware and software.

The CWS500 cart work station is designed to provide a remote, on-line means of recording carts and updating the cart data base. The TCA3000 on-air automation cart system will play and record events while under the control of a real time, interactive station automation system. The TCS2000 integrated record/play cart system is now available in a Beta SP-format version.

H321E Betacam (oxide tape) "S" cassettes have been introduced by the Magnetic Products Div., Fuji Photo Film, U.S.A., Inc., 555 Taxter Rd., Elmsford, NY 10523. Fuji's H321E is specially designed for a low friction coefficient to ensure stable tape transport even after repeated playback. The new tape also offers a high video and color signal-to-noise ratio, minimal dropouts, and exceptional durability. Suited to all professional ENG and EFP applications, the H321E videocassettes are also interchangeable with Fuji's H321B videocassette.

# RG59 and Belden 8281

One tool crimps both!  
Never change or lose dies again!

- Performs perfect crimps on most BNC, TNC, & Type N connectors
- Exclusive NEMAL design for long, trouble-free operation
- Full-cycle ratchet
- Machined steel alloy die
- Release lever
- Each hex labeled with cable type

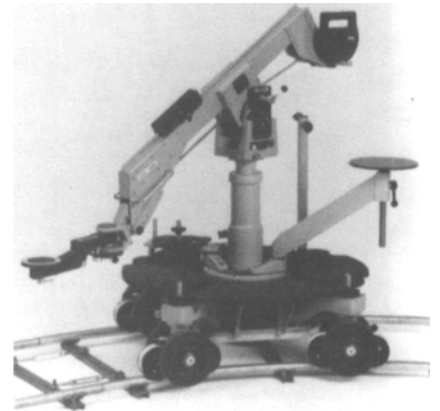
Introductory price: **\$79**

MODEL CT3600

CALL 1-800-327-5999 or FAX 1-305-895-8178  
TO PLACE YOUR ORDER & FOR YOUR COPY OF OUR  
NEW 40-PAGE CABLE & CONNECTOR SELECTION GUIDE

**NEMAL ELECTRONICS, INTERNATIONAL**  
12240 N.E. 14 AVE., N. MIAMI, FL 33161 (305) 893-3924

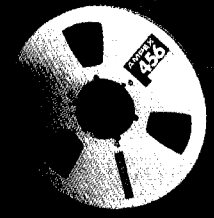
TELEX: 6975377



Vinten tracking base.

A camera tracking base for on-track, off-track shoots has been announced by Vinten Equipment, Inc., 275-C Marcus Blvd., Hauppauge, NY 11788. The unit's dual wheel system allows the base to run on standard and narrow-gauge track, both straight and curved, and to run off-track on virtually any land surface. The grip's push bar fits across the wheel assemblies, and the PTFE and Duthane wheels assure smooth, silent mobility. A tiller can be attached to any corner of the base for crab steering, and the base is equipped with carrying handles at all four corners.

*The L OUNGE  
F is for Excellence*



Audio professionals everywhere are turning to the Fostex E-Series recorders for their production and post-production needs. So much so, you hear the results of their work nearly every day — in movie soundtracks, commercial and cable television shows, industrial and educational films and videos and, of course, hit records.

The E-Series features gapless "punching" so there's no blank space after the punch-out point. Only recorders which are much more expensive offer this sophisticated function. But since you can't run a fully automated system without it, Fostex includes gapless punch-in/out as standard equipment on the E-Series.

Also standard is a synchronizer port which will interface with all SMPTE time code based systems. When used with the Fostex synchronizer, Model 4030, you can then use our software program to perform sophisticated audio assembly editing.

Models E-8 and E-16 are multitrack recorders with built-in noise reduction.

Models E-2 and E-22 (not shown) are 2-track master recorders with a third, center channel for SMPTE time code control. This is a standard feature, not an option. You will have complete compatibility with existing 2-track tapes, plus the ability to run computer derived edit decision lists and full automation.

Servo control of the reels in the edit mode will help you pin-point cues and spot erase. When the pitch control is engaged, the exact percentage of speed deviation is displayed so that when you need to re-set the control, you can do so precisely, and the real-time counter features search-to-zero even from the negative domain.

The E-2 uses 1/4" tape at 7-1/2 & 15 lps (15 & 30 lps speeds are optional); the E-22 uses 1/2" tape at 15 & 30 lps.

When an E-Series recorder is used with Fostex Model 4050 — autolocator and SMPTE to MIDI controller — you have programmable punch-in/out, 100-point autolocate capability, 10 programmable edits, a SMPTE time code generator / reader (all four formats), plus the ability to locate to the bar and beat.

So if you're looking for a professional recording instrument, there's a Fostex E-Series recorder that can help you with two important "E" words: Efficiency and Effectiveness. The E-Series can also help you achieve the most important "E" word of all: Excellence.

**Fostex**

15431 Blackburn Ave., Norwalk, CA 90650  
(213) 921-1112

© 1988 Fostex Corporation of America