

New Products

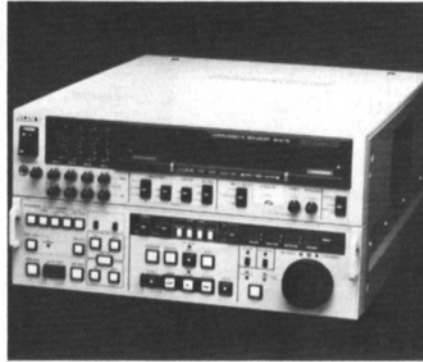
Further information about these items can be obtained from the addresses given. As with technical papers, the Society is not responsible for manufacturers' statements, and publication of these items does not constitute endorsement of the products or services.



CMX Model 330A editor

An editor has been introduced by CMX Corp., 2230 Martin Ave., Santa Clara, CA 95050. Designed for broadcast, industrial, and educational applications, the Model 330A has five ports, plus a general-purpose interface port; up to eight devices can be connected to the editor. Its edit

decision list (EDL) provides for 500 events, with 500 lines for notes, has dedicated video and audio keys and short-cut wipe dissolve. Match-cut calculation, frame bump, and motion memory are among the performance features of the Model 330A.

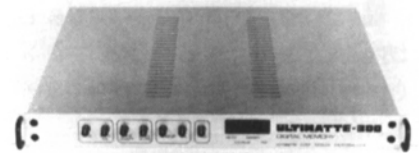


Sony BVW-70 Betacam SP® deck

A broadcast monitor and three Betacam SP® videocassette decks have been put on the market by Sony Corp. of America, 9 W. 57th St., New York, NY 10019. The

19-in. BVM-1910 features 900 lines of resolution, automatic setup, advanced circuitry, and RGB/component adaptor. It yields a linearity of 0.5% in the center and a 2T pulse response of 0.5%.

Sony's new videocassette decks are the BVW-60, BVW-65, and BVW-70. The Betacam SP BVW-70 features motion control memory and is designed for a range of applications, including news programming and editing. All three decks can operate with either metal particle or oxide tape.



Ultimate Model 300 video composite

The Model 300 video composite has been introduced by Ultimatte Corp., 18607 To-pham St., Reseda, CA 91335. The instrument, featuring microprocessor-controlled automation and digital memory, provides sharp and sophisticated images. It reproduces shadows and blurred objects and subtracts the blue flare from background colors. The easy-to-operate Model 300 is available in NTSC and PAL versions.

TENTEL® MAKES IT EASY TO DIAGNOSE VCR MECHANICS With NEW Gauges for 1" Type "C", MII, Betacam, and U-Matic

Award winning Tentelometer tape tension gauge for proper interchange and tape handling. Gauges for: VHS: \$325 Beta/U-Matic: \$345 MII: \$395 1" Type "C": \$690

Head protrusion and eccentricity gauge to determine the amount of wear remaining on the VCR heads; safe, easy, measures in microns. HPG-1 \$495 HPG-C \$595

Torque gauge NEW from Tentel to save you money— Universal and accurate for Beta and VHS-0 to 600gm cm. Take-up, FF and Rew torques. TQ600 \$139

Spindle height and elevator latch and alignment gauge to diagnose cassette binding and edge damage problems. Finds problems not detected by any other method. VHS: \$395, Beta: \$395, U-Matic: \$495

Tentel manufactures a complete line of gauges for U-Matic, 1" Type "C", Betacam and other recorders, too. If you've suffered the frustration of having a master tape ruined, or if you are responsible for maintaining and repairing VCRs— There's no faster, easier method to test the various mechanics that make VCRs work properly. Call our technical engineering department for details. We've been helping customers for years and want to help you too— your satisfaction is guaranteed.

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TIMES SIX PLUS

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GEN LOCK

S/C INT H ϕ

MASTER PHASE

AUTO

S/C MAN H ϕ

1

AUTO

S/C MAN H ϕ

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S/C MAN H ϕ

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S/C MAN H ϕ

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S/C MAN H ϕ

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S/C MAN H ϕ

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VIDEOTEK
TIMES SIX

POWER

GEN LOCK

S/C INT H ϕ

MASTER PHASE

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MASTER PHASE

S/C H ϕ

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4

BY EXPANDING WE'VE NARROWED

Whether you're choosing a monitor for its technological advantage, unique features or low price, you can own the monitor of choice: an Ikegami.

Now Ikegami has expanded its monitor line to include a state-of-the-art Auto Setup Color Monitor.

Ikegami monitors are available in 3-Series Monochrome, 5-Series Low Cost Monochrome, 9-Series Color (In-line Gun), 10-Series Color (Delta Gun), 15-Series Color (Auto Setup) and 16-Series Color (Low Cost Professional) Models. What distinguishes Ikegami monitors from others is a commitment to research and development, and continued market analysis to meet the broadcasters' needs. The results speak for themselves. Today, Ikegami is proud of its reputation not only for the finest cameras, but the finest monitors. It's a reputation that we strive to maintain.

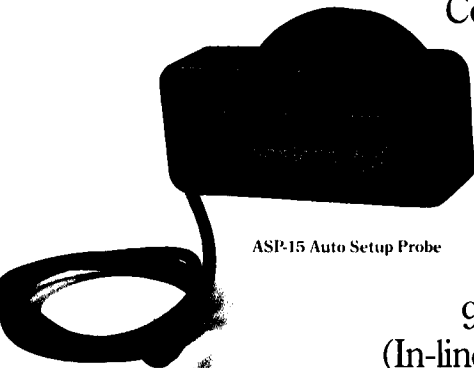
Consider the latest advancement in monitor technology: Auto Setup. Originally pioneered for Ikegami cameras and now available in the Ikegami 15-Series Broadcast Color Monitors.

With an optional Auto Setup Probe, the 15-Series is menu driven with data shown

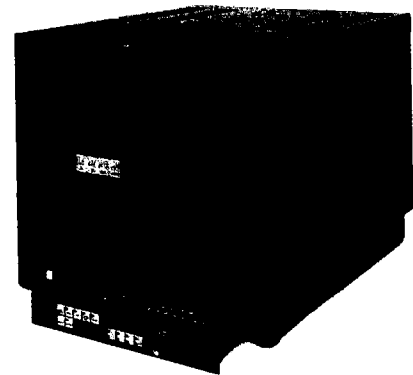
on the CRT. An optional Remocon Box provides for remote control operation. The CRT features a Fine Dot Pitch Shadow Mask for superior resolution, an In-line Self Converging Electron Gun, Controlled Phosphors and a Black Matrix. The 15-Series is available in 14" and 20" and uses a Digital Control System (DCS) to simplify monitor set up. When using the Auto Setup Probe, the following functions can be automatically set, at a reference level, and stored in less than 50 seconds: contrast, brightness, chrome, hue, RGB background and GB gain. Auto Setup is another Ikegami breakthrough.

The Ikegami 16-Series Low Cost Monitors feature an In-line Self Converging Electron Gun, a Black Matrix CRT, a Comb Filter/Trap, and front panel selectable A/B video and RGB video outputs.

Specifically designed for a wide range of production and broadcast applications, the 16-Series is available in 14" and 20" at surprisingly low costs, making the series extremely competitive. The introduction of the 15-Series and 16-Series monitor comes as the 9-Series and



ASP-15 Auto Setup Probe



TM 20-15RH Auto Setup Monitor with Probe.



OUR MONITOR LINE YOUR CHOICE.

10-Series continue to enjoy enormous popularity.

The 9-Series Broadcast Color Monitors incorporate In-line Gun technology, High Resolution Shadow Mask CRTs and American Standard Matched Phosphors. In a word, the 9-Series provides superb resolution (700 TV Lines), excellent stability, easy maintenance and low power consumption. Standard features include pulse cross; keyed back porch clamp video amplifier; pre-set contrast, hue, chroma, and brightness controls; on-demand degaussing; aperture correction; remote control capability and more. A 14", 20" and a 10" portable model is available.

The 10-Series Broadcast Color Monitors feature a high resolution (800 TV Lines) Delta Gun CRT, specifically developed for image quality, with nine-sector convergence controls and Feedback System (BFS) that detects and greatly reduces brightness changes due to current deviation in CRT emission. Available in 14" and 20" models, the 10-Series is remarkable for its picture quality. And this quality is equally evident in our 3H-Series Monochrome Monitors.

The 3H-Series of Professional Monochrome Monitors provides the high per-

formance necessary for technical evaluations. 9-inch configurations are available as: bare chassis, cabinet with handle; and for 19-inch rack mounting in an 8¾-inch height for

single, single with WFM, single with Vector-scope space, and dual unit uses. 14-inch configurations are for cabinet use or for

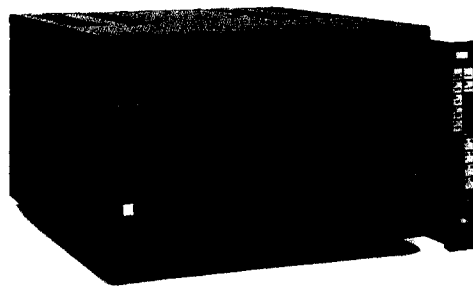
19-inch rack mounting in a 10½-inch height.

Our monochrome monitor, the PM 9-5 is a low cost product that combines high reliability and superior picture quality. Features include: dual video inputs, pulse cross, keyed back porch clamp amplifier, and tally light. It's available for various rack-mount configurations.

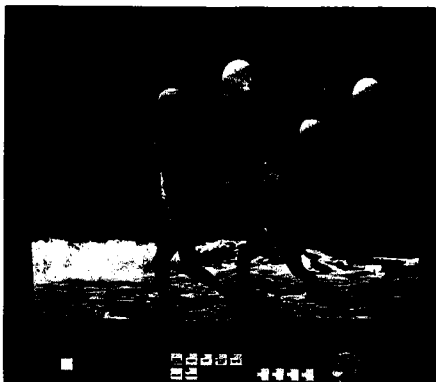
Ikegami monitors fulfill your most demanding expectations, while narrowing your choice for the very best. For further information, call your Regional Ikegami Office for the dealer near you.

Ikegami

Ikegami Electronics (USA), Inc. 37 Brook Avenue, Maywood, NJ 07607
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Sliding panels are featured on all color monitors.



A Balanced Way of Light

Now you can shoot in fluorescent-lit supermarkets, showrooms, hospitals, and offices and still have that crucial front fill and side modeling. The **Lowel Light-Array** uses standard, four-foot, on-location spares which assure color balance with the ceiling fluorescents. This cool, super-soft, tiltable, rotatable, boomable, hand-holdable, three-amp source is a balanced way of light that can do wonders for your subject—and your schedule.

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Lowel's fast-folding, fluorescent-fill phenomenon travels in one portable case, with its air-cushioned stand, electronic ballast, boom, and barndoors.



Standard Agile 40 C/K receiver

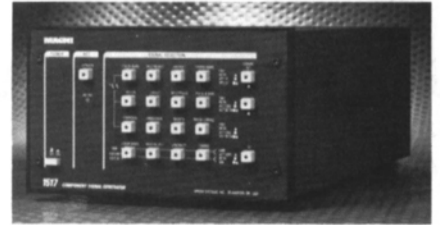
A satellite receiver has been made available to the cable television industry by Standard Communications, P.O. Box 92151, Los Angeles, CA 90009. The Agile 40 C/K is a 950 to 1450-MHz C-band and Ku-band satellite receiver. The product's microprocessor-controlled PLL provides solid stability and precise tuning accuracy, thus ensuring correct channel bandwidths and center frequencies for C-band and Ku-band operation. The receiver's dynamic threshold performance provides a maximum video signal-to-noise ratio. The Agile 40 C/K also features multiple IF bandwidth filters, 32-W power supply, and low profile styling.



Otari MX-55 recorder

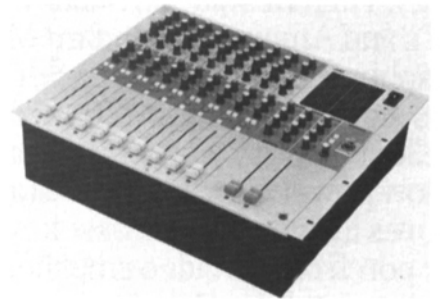
A series of 1/4-in. tape recorders has been announced by Otari Corp., 2 Davis Dr., Belmont, CA 94002. The series, designated MX-55, includes a full-track model and two dual-track versions, one with center-track time code and one without. All recorders feature 7-digit tape timer with a 4-memory minilocator, variable speed of $\pm 20\%$, and monitor loudspeaker. The MX-55 tape transport mechanism has a dc quartz PLL capstan motor with user-selectable speed pairs of 15/7.5 or 7.5/3.75 in./sec. The transport is controlled from an external synchronizer with 9600-Hz frequency servo control.

Two signal generators have been announced by Magni Systems, Inc., 9500 SW Gemini Dr., Beaverton, OR 97005. The Model 1517 is a 625-line component test instrument that digitally generates and stores more than 24 signals. Commonly used signals, such as color bars, are provided in several formats for use with encoding/decoding equipment. The Model 1517 also features an internal oscillator



Magni Systems Model 1517 signal generator

and 12-character ID overlay. The Model 1510A, Magni's other new signal generator, is for NTSC applications. Its features include stereo audio tone, genlock, character ID, field sweep, and 40 selectable signals.



JVC MI-3000U audio mixer

An audio mixer has been introduced by JVC Co. of America, 41 Slater Dr., Elmwood Park, NJ 07047. The MI-3000U is a 10-channel unit with voltage-controlled amplifiers on each channel. Using the JVC-developed MI-F30U automatic fader, the mixer accepts serial command or GPI signals from a video switcher. The MI-3000U is equipped with low-stroke manual faders, trim connectors, and three buses (over, program, and preset). An internal microprocessor allows up to 100 events to be stored in memory.

The Neumann RSM-190S stereo shotgun microphone system has been introduced by Gotham, 1790 Broadway, New York, NY 10019. The RSM-190S uses the mid-size intensity technique for mono and stereo compatibility. The system's transformerless design results in very transparent and detailed sound quality. Additional features of the RSM-190S include high output capability, two switches, windscreen, and battery supply. Applications include stereo, electronic news gathering, and sports.

A series of videotape editing software and accessories has been announced by Comprehensive Video Supply Corp., 148 Veterans Dr., Northvale, NJ 07647. The new series includes five programs: Edit Master™, Edit Cutter™, Edit Lister™, Time Code Reader Card, and D-Link. Edit Master, which Comprehensive calls "the star of the series," works with time code, control track, or a combination of both.