



PRESS Release

JVC Professional Products Company
a Division of JVC Americas Corp.
1700 Valley Rd., Wayne, NJ
Press contact: Mark Pescatore
mark@pipecomm.com | (561) 531-3106

JVC INTRODUCES TM-L450TU, A 4.5-INCH, HIGH-RESOLUTION LCCS MONITOR

New Triple Rack EIA Rack Mountable Unit is Ideal for Studio or Remote Truck Use

Las Vegas, NV (NAB, April 10-13, 2000) — JVC PROFESSIONAL PRODUCTS COMPANY announces the availability of a new extremely compact, portable, high-resolution 4.5-inch Liquid Color Crystal Shutter (LCCS) monitor, the TM-L450TU. Debuted as a technology demonstration at NAB '99 where it received a prestigious "Pick Hit of Show" from TV Technology Magazine, this four and one half-inch, rack-mountable monitor is ideal for ENG field production, video production trucks, and any venue where a bright environment hinders the viewing of a CRT, such as field production, outdoor applications and surveillance situations.

JVC's newest field monitor is based on Liquid Color Crystal Shutter technology that utilizes a combination of a black and white CRT with a color LCD shutter. Unlike conventional CRT monitors that use three electron guns (RGB) to produce a color image, JVC's new LCCS monitor uses one black and white CRT, which is merged with a liquid crystal color shutter, providing incredible sharpness. The result is a highly functional color monitor that delivers a sharp image in even the brightest sunlight, without misconvergence or annoying moiré patterns.

The TM-L450TU monitor's basic structure approximates the way the human eye gathers light. By utilizing the single electron gun aimed through red light, green light and blue light filters, each separated by a liquid crystal shutter, the LCCS monitor delivers an extraordinary natural picture, with richness and fullness of color, as well as superb resolution.

Liquid color crystal shutter technology is utilized to aim a CRT electron beam through a series of angle-controlled polarized films, achieving exceptional brightness, high resolution and superior chroma. The result is a four and one half-inch monitor that delivers more than 400 TV lines of resolution and vivid color reproduction. This unique configuration of the TM-L450TU also results in no color after image and no color shift in wide angle.

The TM-L450TU LCCS monitor also offers strong resistance to sunlight making it the perfect choice for ENG field production even in direct sunshine. Its small footprint, portability and high-resolution picture make the monitor particularly desirable where top-quality images are required but space is at a premium.



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The TM-L450TU LCCS monitor offers users a full feature package. It is available in PAL and NTSC standards and has dual composite video inputs, and a built-in UHF/VHF tuner. The highly-compact unit is triple EIA rack mountable, AC and 12VDC powered, weighs just 7.7 pounds (3.5 Kg) without its AC adapter, and operates with low power consumption.

The TM-L450TU is currently available at a suggested list price of \$1,190.

JVC PROFESSIONAL PRODUCTS COMPANY, based in Wayne, New Jersey, distributes a complete line of broadcast and professional equipment including cameras, recorders, monitors, projectors and editing products. For more information about JVC's new 4.5-inch TM-L450TU LCCS monitor, call 1-800-JVC-5825 or visit the corporate web site at www.jvc.com/pro.