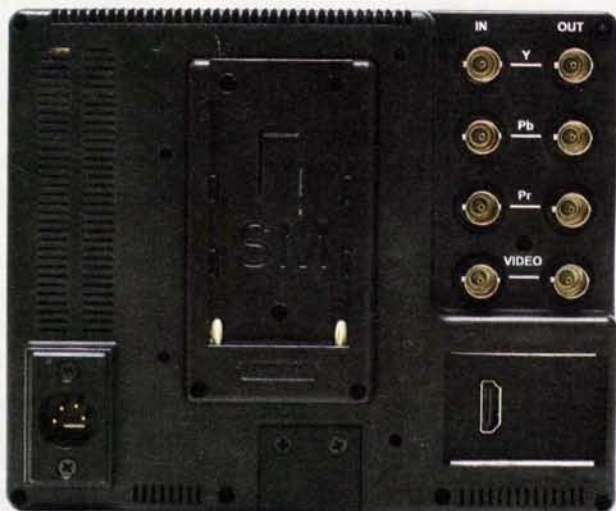


Marshall LCD Monitor

A new seven-inch, high-res portable field/camera-top LCD monitor ■ By Neil Matsumoto



For shooters, being

able to monitor what you're capturing is an important aspect of filmmaking, especially working in high-def where many of the cameras' LCD screens or electronic viewfinders are either too small or too low-res to properly judge focus. On professional productions, an ideal choice is a color-calibrated, 24-inch CRT high-def monitor in a blacked-out digital tent. But for those who can't afford to rent a large professional CRT monitor (they typically rent for \$450 per day) and want to be able to move quickly from one place to another, a small camera-mounted monitor is better suited. Marshall Electronics recently introduced a new seven-inch portable field LCD monitor, the V-LCD70P-HDMI, a sleek yet durable monitor that weighs a lightweight 1.3 pounds and will definitely fill the void.

The V-LCD70P-HDMI features Marshall's completely digital TFT-MegaPixel high-resolution LCD screen with 1.2 million pixels, 4-pin XLR



power jack and optical-grade polycarbonate screen protection. Analog signals are digitized using advanced 10-bit processing and an adaptive five-line comb filter. It offers composite, component and HDMI inputs. The monitor includes a variety of screen formats and markers, four user-configurable front-panel function buttons, RGB Check Field/Field Detect and RGB gain and bias control. Two other major features include Marshall's new False Color and Peaking filters.

The False Color filter helps the setting of camera exposure. As the camera iris is adjusted, elements of the image will change color based on the luminance or brightness values. This enables proper exposure to be achieved without the use of costly, complicated external test equipment. The Peaking filter is used to aid the camera operator in obtaining the sharpest possible picture. When activated, all color will be removed from the display, and a black-and-white image will remain.

The internal processor will display red color on the screen where sharp edges appear. When the camera operator pulls focus on the lens, different parts of the image will have red-colored edges, which will indicate whether that portion of the image is sharp or in focus. Final focus is achieved by racking the camera lens focus control back and forth until the desired portion of the image has red-colored edges.

Up to nine different battery configurations for providing mobile operation in the field are available with the V-LCD70P-HDMI. This will provide flexibility when using different cameras or configurations. Seven of the nine battery configurations can be interchanged by the end user.

The V-LCD70P-HDMI base model is listed at \$1,099.

Contact: Marshall Electronics, (800) 800-6608, www.lcdracks.com. HDVP

TECH SPECS

- High-resolution 800x480 LCD panel
- Durable, thin and lightweight construction
- 250 cd/m² brightness, 400:1 contrast ratio
- Four user-configurable function buttons
- Scratch-resistant protective screen
- RGB gain and bias control