

## *Tally LED's*

Integrated into the HD UltraBrite<sup>2™</sup> is a 8-pin Hirose connector that can be used to input 12Vdc to directly drive the front panel Tally LED's. In addition, a 800-7930 Tally Sensor can be plugged in to drive one of the Tally LED's whenever light is detected at the sensor. This can be useful for sensing the status of a tally LED on a camera and displaying the status on the front of the monitor. A LEVEL adjustment potentiometer is located on the rear of the monitor to adjust the sensitivity of the sensor if required.

## *Frameline Generator*

If equipped, the UltraBrite<sup>2™</sup> monitor will be able to overlay moveable zebra striped frame lines on to composite NTSC/PAL video feeds. Note that the frameline circuitry will only overlay frame lines on those signals input via the 4-pin Hirose or 8-pin LEMO Power/Video connectors. Video input via the Video BNC connector will not have frame lines super imposed on to the image. Adjustment of the individual frame lines, and overall frameline brightness, is accomplished via the 5 positional pots located on the back of the monitor cover.

## *Horizon Display*

Integrated into the front bezel of the monitor is a unique LED based electronic horizon display. Coupled with a serial communications generated by a compatible Steadicam® system this display is used to indicate the systems relative attitude and display operator feedback to horizon related functions. There are no user controls for this display within the UltraBrite<sup>2™</sup>. The horizon display can be useful if operators wish to have maximum viewability of an image without the clutter of horizon data on the screen or if horizon monitoring is required for video signals that cannot be overlaid with OSD horizon information.

## *Features*

- Selectable Color Temperature (9300K / 8000K / 6500K / 5000K).
- Brightness/Contrast/Color/Tint/Sharpness/Gamma Adjustable.
- Portrait/Landscape Image Rotation.
- Vertical and Horizontal Image Flip Capabilities.
- Adjustable Image Scaling, 4:3, 16:9, 2.35:1 Anamorphic, Under scan and more.
- Control settings stored in non-volatile memory.
- Automatic video format switching.
- Isolated video inputs.
- Picture-in-picture (PIP).
- Non volatile memory storage of monitor settings.
- Dimmable dual Tally light indicators for studio applications.
- Selectable OSD Menu Language Support.
- AR Glass for Direct Sunlight Viewability.
- Standard  $\frac{1}{4}$ -20 and 3/8-16 tripod screw mounting holes, and optional yoke with rod mounts.
- Mounting screws located on back cover for mounting of external V-loc battery adapter.
- Front panel LED power indicator.
- Programmable Direct Access Menu Buttons.
- Fully software upgradeable for special applications or future options.
- Optional built-in frameline generator, mounting yoke.
- Instant on feature that powers up monitor without pressing additional buttons.
- Integrated 10-LED horizon display.
- Wide support of SDI, HDSDI, RGB, YPbPr, YCbCr, SVHS, Composite NTSC/PAL/SECAM, DVI-D, and RGB video formats.
- Unique dual chamber aluminum case design to help dissipate internal heat and keep electronics cool without the use of a fan.
- Ergonomic cable connection layout to help prevent cable snags by placing connectors