

Marshall

V-R82P Instruction Sheet

Broadcast Multimedia Division

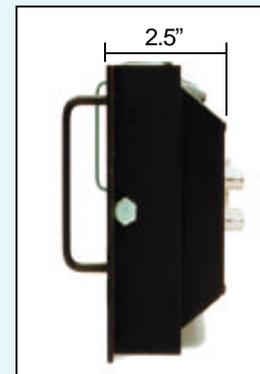
<http://www.LCDRacks.com> e-mail: sales@mars-cam.com

The V-R82P is a rack mounted unit that has two independently controlled 7.9" active matrix LCD panels with loophrough capability. This unit also has a unique feature that allows the unit to tilt up or down for optimum viewing angle. The unit fits into a EIA standard 19" rack, four rack spaces high. Each of the two screens is NTSC/PAL auto-detect and has individual front mounted selector buttons with and color, tint, brightness and contrast controls accessible via an on-screen-display menu. Unit comes complete with power supply.



The operation of the V-R82P is fairly straightforward, however, it is important to take note of the following:

1. The V-R82P has been designed to fit in a 4U space on your rack. It may be necessary to center the unit up or down in order to not touch any adjacent units in your rack when tilting unit up or down.
2. Each LCD Panel comes with a protective plastic film that must be removed by carefully lifting the film from the corner and peeling it off. Be certain not to apply any pressure on the LCD panels, they are fragile and can break. Scratched, cracked or broken LCD screens are not covered by our warranty.
3. The V-R82P uses 12VDC, 3.0amp regulated power. Be certain that these specifications are met when using a power supply other than the one supplied to you by Marshall Electronics.
4. The center pin on the coaxial power connector for the V-R82P is the POSITIVE terminal and the outside ring is NEGATIVE. Any battery operation of the V-R82P must have this polarity configuration.
5. The Video inputs on the rear of the panel are 75 Ohm self-terminated. The loophrough feature uses active components and is always active as long as power is supplied to the unit regardless of the monitor being ON or OFF.



Display	Viewing Area	Dot Pitch	Picture Elements	Inputs	Brightness	Dimensions	Power Consumption
7.9" LCD Active Matrix	6.35" x 4.64" each panel	0.112mm x 0.504mm	1440H x 234V	2 NTSC/PAL per panel	300 cd/m ²	19.125W x 6.91H x 2.5D	12 VDC 3.0 Amps

Picture Adjustment and Menu Functions

1. BRIGHTNESS - The BRIGHTNESS can be adjusted at any time by using the UP and DOWN keys on the unit without going through the MENU.

2. COLOR / CONTRAST / TINT adjustments - Press the MENU button on the front of the unit and use the UP and DOWN keys to select COLOR, CONTRAST or TINT, once selected press the MENU button again to view the

control bar:  Then use the UP and DOWN keys to adjust the level.

To exit the menu, either use the EXIT selection on the screen, or let the menu exit on its own after five seconds of non-activity.

3. SYSTEM SETUP - Press the MENU button on the front of the unit and use the UP and DOWN keys to select SYSTEM SETUP, once selected, press the MENU button again to view the sub-menu.

DIMMER - This adjusts the intensity of the backlight, it can be set to LOW, MID or HIGH.

FSC SET - This changes the frequency of the color subcarrier. This setting should be at 3.58MHz for NTSC signals. It is not recommended to adjust this unless it becomes necessary to have the subcarrier changed to 4.43MHz.

HOR and VER - These settings allow the monitor to reverse scan in either the HORIZONTAL or VERTICAL direction, allowing a picture to be viewed either as a mirror image, or upside down.

4. TALLY SYSTEM - The tally system on the V-R82P is accessed via the DB-9 connector on the back of the unit. The system works by closing the contacts between the ground pin and the corresponding LED pin. The system is self powered, DO NOT GIVE POWER TO THE PINS. The pinout is as follows:

	Green	Red	Yellow
Monitor 1	Pin 6	Pin 7	Pin 8
Monitor 2	Pin 1	Pin 2	Pin 3

PIN 4 IS COMMON GROUND

Warranty

Marshall Electronics warranties to the first consumer, that this **V-R82P** rackmount monitor will, under normal use, be free from defects in workmanship and materials, when received in its original container, for a period of one year from the purchase date.

This warranty is extended to the first consumer only and proof of purchase is necessary to honor the warranty. If there is no proof of purchase provided with a warranty claim, Marshall Electronics reserves the right, not to honor the warranty set forth above. Therefore, labor and parts may be charged to you.

This warranty does not apply to product exterior and cosmetics. Misuse, abnormal service or handling, improper alterations or modifications in design or construction, voids this warranty.

No sales personnel of the seller, nor any other person is authorized to make any warranties other than those described above, or to extend the duration of any warranties on behalf of Marshall Electronics, beyond the time period described above.

Due to constant effort to improve products and product features, specifications may change without notice.