

Marshall

Broadcast Multimedia Division

V-R72P-2SDI Instruction Sheet

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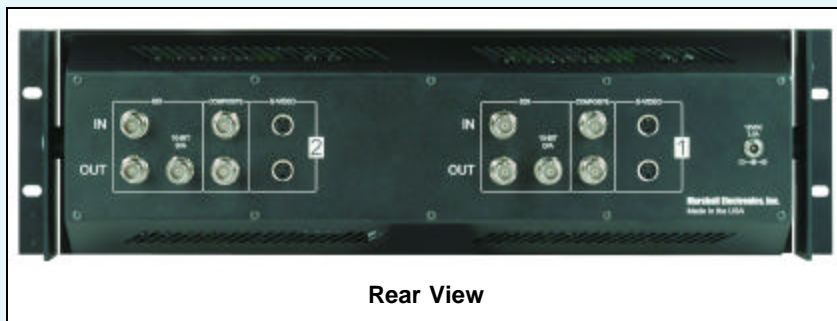
The V-R72P-2SDI is dual 7" wide screen LCD rack mounted units 3 rack spaces high. The V-R72P-2SDI has one composite video, one SDI and one S-video input per monitor with loophrough capability. In addition to the digital and analog loophroughs, this unit also has a 10-bit converted output from the digital input. This unit is NTSC/PAL switchable, and can switch between 4:3 and 16:9 aspect ratios and has a built-in color bar generator with individual selector buttons and screen controls.



The operation of the V-R72P-SDI is fairly straightforward, however, please take note of the following:

1. The V-R72P-2SDI has been designed to fit in a 3U 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. The auto signal detection will display a blue screen with the absence of a signal. The V-R72P-2SDI has a memory function that will remember the settings of each monitor including power and channel selection *even if power has been disconnected from the unit.*
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-R72P-2SDI 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. The center pin on the coaxial power connector for the V-R72P-2SDI is the POSITIVE terminal and the outside ring is NEGATIVE. Any battery operation of the V-R72P-2SDI must have this polarity configuration.
4. 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. The V-R72P-2SDI is also equipped with a 10-bit D/A convertor that converts the SDI input from that channel. This D/A convertor uses the SMPTE 259M standard and is relocked.

continued on backside



Rear View



Side View

Display	Viewing Area	Dot Pitch	Picture Elements	Inputs	Color Bars	Dimensions	Power Consumption
7" LCD Active Matrix	6.07" x 3.41" each panel	0.108mm x 0.375mm	1440H x 234V	1 NTSC/PAL, 1 S-Video, 1 SDI	Built into unit	19.125W x 5.14H x 3.75D	12 VDC 3.0 Amps

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5. Switching NTSC and PAL formats: By pressing the **RATIO** button, holding it down and then pressing the **BARS** button and releasing both, the V-R72P-2SDI will toggle between NTSC and PAL formats. In the **SDI** mode, it is necessary to switch the unit to either format. If the unit is displaying a scrambled picture from the SDI input, more than likely it is because the unit is in the wrong format. Switch the format in the manner described above to correct the problem.

Although the Composite and S-Video inputs to the V-R72P-2SDI can automatically recognize either NTSC or PAL formats, it is recommended that the user still switch the unit from one format to the other. This is due to the nature in which the built-in color bar generator is showing color. With the internal color bars showing on the screen, the TINT adjustment is the indication as to what format the unit is in. If the TINT control changes the picture, the unit is in NTSC mode. If the TINT control does not change the picture, the unit is in PAL mode.

Warranty

Marshall Electronics warrants to the first consumer, that this **V-R72P-2SDI** 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.