

# VS50 SL

## VIDEOSHIFT™ (SCAN ORBITER) AND SYNC PROCESSOR



### APPLICATION

The VS50 SL is a low cost sync processor product that is capable of either combining or separating sync depending on the system application. The VS50 SL helps prevent CRT "burn-in" by slowly rotating the image (horizontally and vertically about 2% of the total image area) over a period of 10 minutes. The movement of the picture, although unnoticeable to the user, helps to prevent "burn-in" by giving the CRT's phosphor time to cool in many applications. Because the VS50 SL includes ShiftLock™, up to 30 VideoShifts can be ShiftLocked (or genlocked) together; in other words, each VS50 SL shifts right, left, up and down at the same time and in the same direction. The ShiftLock is perfect for monitor wall, projector wall and command and control system environments. The VS50 SL only routes the sync channel, therefore it is not as accurate and as flexible as the VS 200 series.

In addition, the VS50 SL is capable of converting composite sync to separate horizontal and vertical sync and combining separate horizontal and vertical sync to composite sync. Thus, the VS50 SL is a sync processor and a VideoShift™ in one box.

### FEATURES

- Compatible with signals from 15-130 kHz
- Shifts the image left, right, up and down up to 2% of the total screen size
- Helps prevent CRT "burn-in" by orbiting the image
- Compatible with non-interlaced computer signals
- Combines separate horizontal and vertical sync into composite sync
- Separates composite sync into horizontal and vertical sync
- VideoShift with ShiftLock capable of locking up to 30 VS50 SLs together
- Small, plastic hand-held enclosure

### INPUTS/OUTPUTS

Female BNCs, TTL sync

### COMPATIBILITY

All TTL sync computer signals (non-interlaced)

Frequency compatibility: 15-130 kHz

### OPTIONAL ACCESSORIES

|                  |           |          |
|------------------|-----------|----------|
| SY VGA/XGA       | 26-173-01 | \$65.00  |
| SY Mac/Quadra 35 | 26-171-01 | \$65.00  |
| SU 13W3          | 26-241-05 | \$125.00 |

### SPECIFICATIONS

|                         |   |
|-------------------------|---|
| Inputs signals .....    | TTL sync, composite or separate horizontal and vertical sync  |
| Output signals .....    | TTL sync, composite or separate horizontal and vertical sync  |
| Connectors .....        | Female BNCs   |
| Power consumption ..... | 2 watts   |
| MTBF .....              | 30,000 hours  |
| Approval .....          | CE, UL & CUL  |
| Dimensions .....        | 1.5" H x 5" W x 2.5" D<br>3.8 H x 12.7 W x 6.4 D cm           |
| Rack mountable .....    | No  |
| Shipping weight .....   | 2 lbs. 2 oz. (1 kg)   |
| Power supply .....      | 100-240 VAC, 50/60 Hz to 9VDC<br>600 mA; External switch mode |
| Warranty .....          | Two years, parts & labor                                      |
| Enclosure .....         | Plastic   |

### PART NUMBER

|            |           |
|------------|-----------|
| VS 50 SL   | 60-211-02 |
| List price | \$250.00  |

