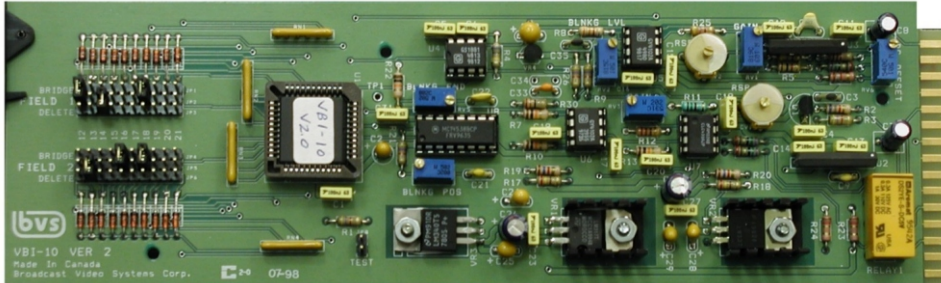




THE VBI BRIDGE



MAINTAIN COMPLETE CONTROL OF YOUR VBI INFORMATION

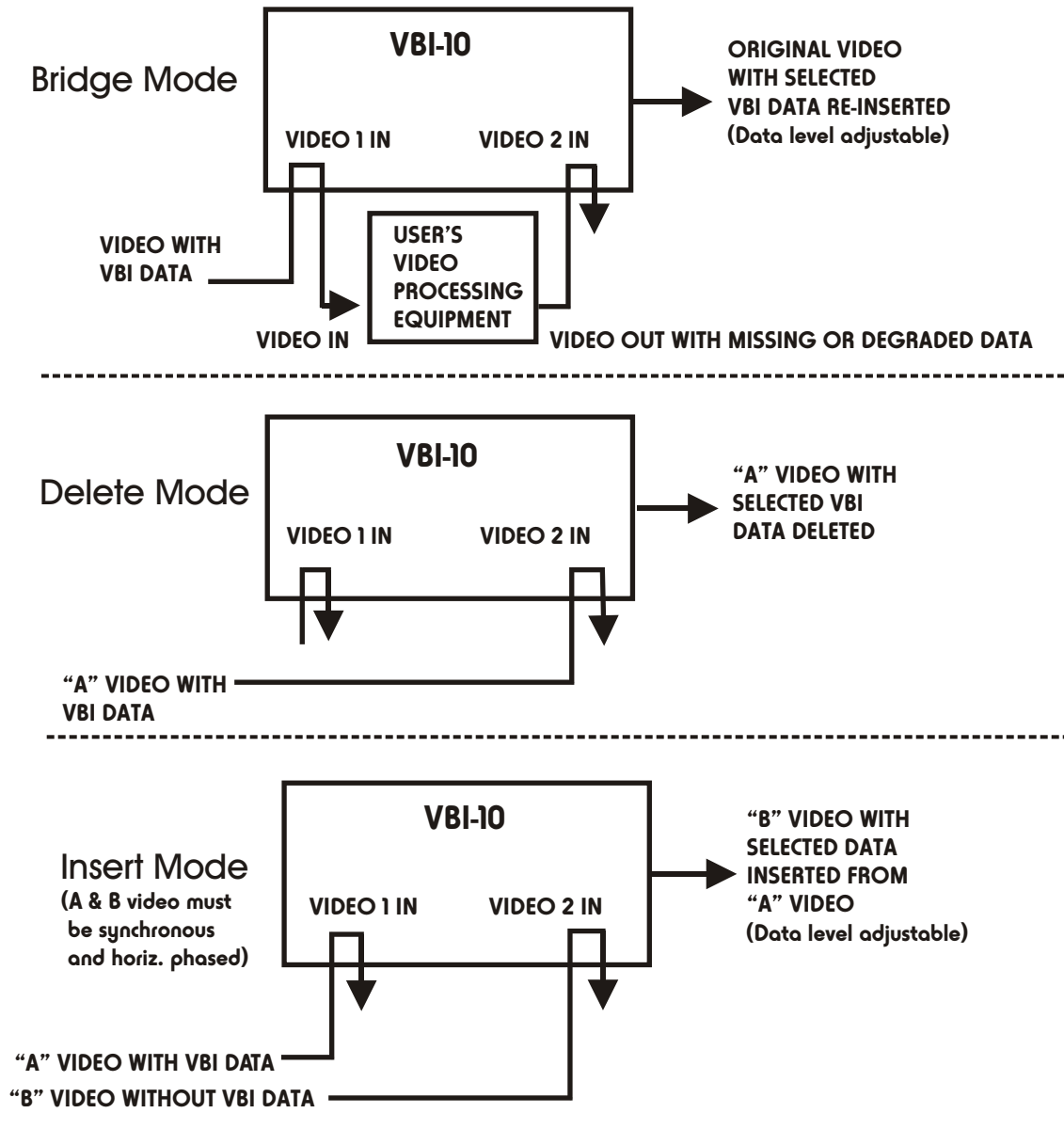
MODEL VBI-10

- ~Routes VBI data, test signals, VITC, closed captioning, around equipment which degrades, scrambles or deletes VBI information
- ~Deletes any VBI line and/or inserts new information
- ~Transfers selected VBI data from one video feed to another
- ~Adjustable data level and setup
- ~Any line (12 through 21) or combination of lines, odd, even, or both fields, is user selectable
- ~Optional GPI to automatically delete, bridge or insert preselected line on command
- ~Failsafe relay bypass
- ~Single board plugs directly into a LEITCH video DA frame or a BVS FR3 frame
- ~Up to three boards may be housed in a BVS FR710, 1RU frame
- ~NTSC and PAL versions available

broadcast video systems corp.

10 Woltner Way, Markham, Ontario L3R 4R4
Ph(905)305-0565 Fax(416)946-1964 E-mail: bvs@bvs.ca Website: www.bvs.ca

VBI-10 Configurations



Specifications

VIDEO INPUTS

- Number 1 - Looping, 1Vp-p, back porch clamped
- Number 2 - Looping, 1Vp-p, back porch clamped, bypassed to output on power failure
- Input return loss - > 56 dB

VIDEO OUTPUT

- | | |
|---|------------------------------------|
| Video level - 1 Vp-p into 75 ohms | S/N - > 65 dB |
| Data level - adjustable -0.25 dB to +6 dB | Line tilt - < 0.5% |
| Data setup - adjustable ± 30 IRE | Field tilt - < 1.0% |
| Freq. response - ± 0.1 dB TO 10 MHz | Crosstalk between inputs - > 65 dB |
| Diff. gain (10-90% APL) - < 0.5% | Differential timing - < 0.1° |
| Diff. phase (10-90% APL) - < 0.5° | Path length - 20 ns |