## PIP-4

4 Composite Video Picture−in−Picture Inserter

The PIP−4 is a high−performance picture−in−picture inserter for composite video signals. The PIP output can display up to four images simultaneously, each of which can be sized and positioned individually.

## FEATURES

- **Picture-In-Picture Options** - All inputs can be displayed simultaneously with variable window sizing and positioning and freeze frame capability. Quad button displays 4 equal−sized images.
- **Multi-Format Operation** - s−Video and composite video outputs.
- **Multi-Standard Operation** - PAL & NTSC compatible inputs & outputs (no format conversion).
- **USB Mouse Connector** - For convenient navigation and control, including the OSD.
- **Built-In ProcAmp** - Brightness, contrast, and saturation for each input.
- **Flexible Control Options** - Front panel, IR remote, mouse (with OSD), RS−232 & Ethernet.
- **Desktop Size** - Compact size. Two units can be rack mounted side−by−side in a 1U rack space with the optional RK−1 adapter.

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### TECHNICAL SPECIFICATIONS

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|---|---|
| INPUTS: | 4 composite video 1Vpp @75Ω on BNC connectors. |
| OUTPUTS: | 1 s−Video 1Vpp, 0.3Vpp/75Ω on a 4−pin s−Video connector; 1 composite video 1Vpp/75Ω on a BNC connector. |
| DIGITAL RESOLUTION: | 10 bit. |
| VIDEO BANDWIDTH: | 5.4MHz. |
| K-FACTOR: | 0.9%. |
| S/N RATIO: | 64dB. |
| DIFFERENTIAL PHASE: | 0.8Deg. |
| DIFFERENTIAL GAIN: | 1.1%. |
| LUMA NON-LINEARITY: | 0.9%. |
| CHROMA / LUMA DELAY: | <15ns. |
| Y/C SEPARATION: | Adaptive 4−line digital comb filters. |
| MEMORY: | Non−volatile memory for storage of 2 setups. |
| CONTROL: | Front−panel, OSD, RS−232 and Ethernet; video pane size and position; video ProcAmp functions: video zoom, freeze. |
| POWER SOURCE: | 5V DC, 560mA. |
| DIMENSIONS: | 21.5cm x 17.7cm x 4.4cm (8.5" x 7" x 1.7") W, D, H. |
| WEIGHT: | 0.8kg (1.76lbs) approx. |
| ACCESSORIES: | Power supply, RC−IR3 Infrared Remote Control, rack "ears". |
| OPTIONS: | RK−1 19" rack adapter. |