



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 of 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

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.

