

## PIP-200

### Picture-in-Picture PIP Inserter

| GROUP 6 |



The Kramer **PIP-200** is a high performance picture-in-picture video inserter designed to accept two composite or s-Video sources, and display both on the same screen simultaneously. One source will be displayed in full screen mode, and the other source will be inserted into the picture as a window which can be sized and positioned as desired. Bi-directional transcoding between composite and s-Video allows the two inputs to be any combination of composite and s-Video. The **PIP-200** offers an exceptionally wide range of adjustments which are accessible either by front panel buttons, or RS-232. It is fully compatible with industry standard touch screen systems. For systems requiring control from a PC, a Windows® - based compatible control software is included at no additional cost. In addition to SIZE (1/4, 1/9, 1/16 or 1/36th of the screen) and POSITION controls, the user can select a BORDER and vary its color, INVERT the full and insert screens, and FREEZE the inserted image if desired. The **PIP-200** does not act as a standards converter, but it can insert an NTSC image into a PAL background and vice versa. The video standard is automatically recognized and displayed on the front panel. All settings are non-volatile so they are retained when power is lost or shut down. It is dependable, rugged, and fits in one vertical space of a standard 19" rack.



#### TECHNICAL SPECIFICATIONS

INPUTS:	2 video, each composite and YC, 1Vpp/75Ω composite (BNC), 1Vpp/75Ω (Y), 0.3 Vpp/75Ω (C) on 4P connector.
OUTPUTS:	1 composite video 1 Vpp/75Ω (Composite or Y), 0.3Vpp/75Ω (C).
INPUT STANDARDS:	PAL, NTSC (both), SECAM.
OUTPUT STANDARDS:	PAL, NTSC (both).
VIDEO CROSSTALK:	- 62dB (SYNC), -37dB (C).
INSERTED SIZE:	1/4, 1/9, 1/16, 1/36th.
INSERTED RESOLUTION:	6 bits.
CONTROL:	Front panel keys, RS-232.
STANDARD DETECTION:	Automatic.
DIMENSIONS:	19 inch (W), 7 inch (D) 1U (H) rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz (115VAC, U.S.A.) 18.4 VA.
WEIGHT:	2.8 kg. (6.2 lbs.) approx.
ACCESSORIES:	Power cord, Windows® - based control software.

#### TYPICAL APPLICATIONS

- Video production studios for camera monitoring.
- Teleconferencing using one screen.
- Satellite image monitoring.
- CCTV, home theater, and satellite receiver monitoring.

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ACCESSORIES AND RACK ADAPTERS

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