



Picture - in - Picture PIP Inserter

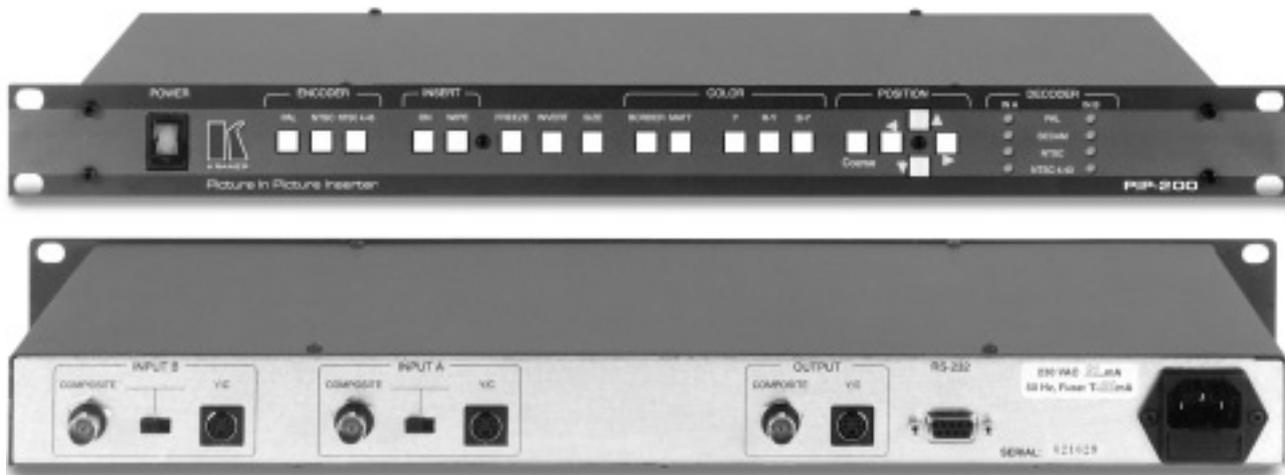
PIP-200

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, our new Windows™ 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 or s-Video, 1 Vpp / 75 composite (BNC), 1 Vpp / 75 (Y), 0.3 Vpp / 75 (C) (4P connector).
OUTPUTS:	1 composite video 1 Vpp / 75 (composite or Y), 0.3 Vpp / 75 (C).
INPUT STANDARDS:	PAL, NTSC (both), SECAM.
OUTPUT STANDARDS:	PAL, NTSC (both).
VIDEO CROSSTALK:	-62 dB (SYNC), -37 dB (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™ control software.

TYPICAL APPLICATIONS

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