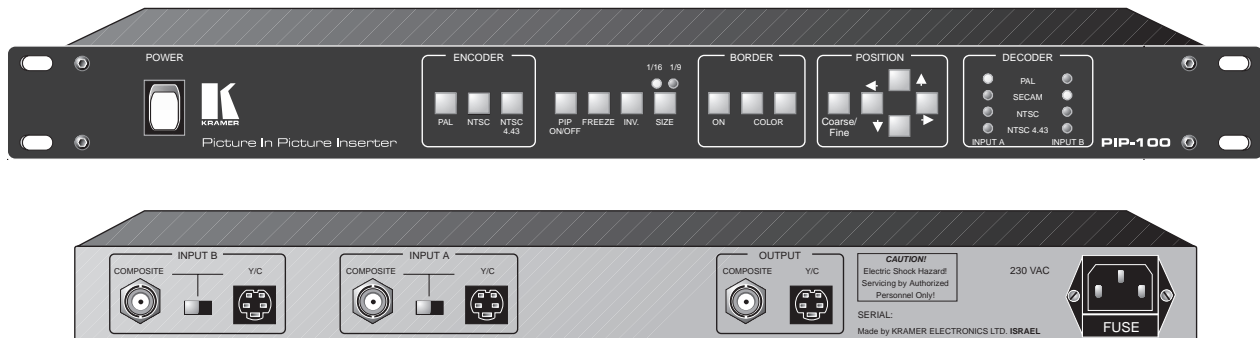


**Picture-in-Picture Inserter****PIP-100**

The KRAMER **PIP-100** is a *Picture in Picture Video Inserter* designed for studio and other applications for monitoring and special effects generation. The **PIP-100** has two video inputs - Composite and Y/C for each, and the user can insert one picture into the other, as 1/9 or 1/16th of the screen. The position of the inserted picture is user controlled, as is the border color of the inserted image. The user can flip between the inserted and background image using a front panel switch. One of the special features of the **PIP-100** is the ability to insert an *NTSC* image into a *PAL* background and vice versa. When power goes down, the settings are saved.

Some features and applications:

- ❖ Video production studios for camera monitoring.
- ❖ Special effects generation.
- ❖ Satellite image monitoring.
- ❖ CCTV and security applications.
- ❖ Video Teleconferencing.

**Technical Specifications:**

INPUTS:	2 Video, each Composite and Y/C, 1Vpp/75 Ω Composite (BNC), 1Vpp/75 Ω (Y), 0.3 Vpp/75 Ω (C) on 4P connector.
OUTPUTS:	1 Composite Video 1 Vpp/75 Ω (Composite or Y), 0.3Vpp/75 Ω (C).
INPUT STANDARDS:	PAL, NTSC (both), SECAM.
OUTPUT STANDARDS:	PAL, NTSC (both).
VIDEO CROSSTALK:	-62dB (SYNC), -37dB (C).
INSERTED SIZE:	1/9 or 1/16th.
INSERTED RESOLUTION:	6 bits.
CONTROL:	Microprocessor (internal).
STANDARD DETECTION:	Automatic.
DIMENSIONS:	19 inch, 1 U, rack mountable.
POWER SOURCE:	230 VAC, 50/60 Hz (115VAC, U.S.A.)