

The Kramer **BC-7308** is an adjustment-free, equalized, reclocking, multi-standard *8x1 Serial Video Switcher / Distribution Amplifier*.

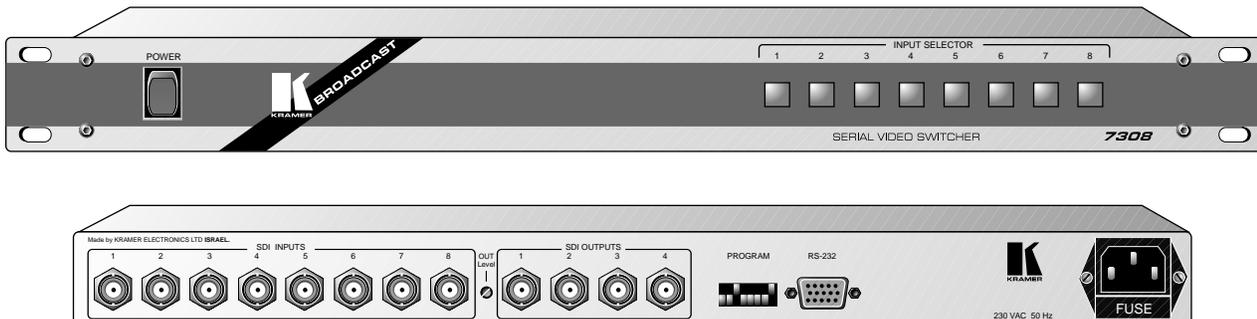
It provides automatic equalization for losses on 75-ohm co-axial cable (up to 100s of meters of cable - depending on the cable and the video standard), and reclocks the output to provide 4 low-jitter, serial digital outputs. Standard recognition is automatic and the machine switches during the Vertical Interval according to the *SMPTE RP-168* standard.

The serial video output level may be adjusted by the user. Both the touch switches and the built-in *RS-232* interface control the machine. When no signal exists on a selected input, the LED in the appropriate switch flickers.

The machine operates for both 10-bit and 8-bit video, automatically recognizing the word length.

Some features and applications:

- ❖ Video Broadcast studios for *On-Air* switching and signal routing.
- ❖ Video production studios, for connecting various sources to acceptors.



Technical Specifications:

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|--------------------------|----------------------------------------------------------------------------|
| INPUTS: | 8 x SMPTE - 259M serial video, 75 Ω on BNCs. |
| SERIAL OUTPUTS: | 4 reclocked SMPTE-259M outputs, 75 Ω on BNCs, adjustable amplitude. |
| VIDEO RESOLUTION: | 10-bit or 8-bit, automatic according to input resolution. |
| SWITCHING: | During Vertical Interval according to the SMPTE RP-168 standard. |
| STANDARDS: | 4fsc PAL, 4fsc NTSC, 4:2:2 (525/625), and 360Mb/s widescreen (525/625). |
| EQUALIZATION: | Automatic for up to >30dB cable loss. |
| DIMENSIONS: | 19 inch, 1U rack mountable. |
| POWER SOURCE: | 230 VAC, 50/60 Hz, (115 VAC, U.S.A.) |