

SDI Distributor / Deserializer **BC-7108**

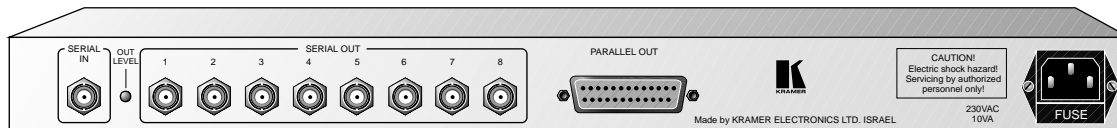
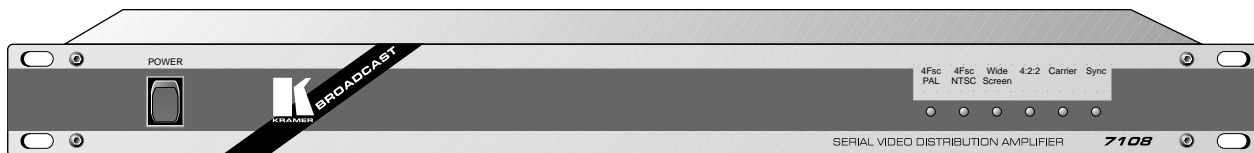
The Kramer **BC-7108** is an adjustment-free, equalized, reclocking, multi-standard *Serial Video Distribution Amplifier*. In addition, a parallel ECL reclocked output is also provided.

The machine provides automatic equalization for losses on the 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 8 low-jitter, serial digital outputs. Standard recognition is automatic, and front-panel LEDs indicate the detected standard. $4f_{sc}$ PAL, $4f_{sc}$ NTSC, Component 4:2:2, and high-definition 16:9 (wide-screen) standards are all recognized. The user may adjust the serial video output level. The *CARRIER* LED indicates the detection of a signal at the input, and the *SYNC* LED shows that horizontal synchronization has been detected.

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

Some features and applications:

- ❖ SDI production studios for signal distribution and equalization.
- ❖ Broadcast studios for deserialization and on-air operation.



Technical Specifications:

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| INPUT: | SMPTE - 259M serial video, 75 Ω on BNCs. |
| SERIAL OUTPUTS: | 8 reclocked SMPTE-259M outputs, 75 Ω on BNCs, adjustable amplitude. |
| PARALLEL OUTPUT: | ECL level outputs on DB-25F connector. |
| VIDEO RESOLUTION: | 10-bit or 8-bit, automatic according to input resolution. |
| 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.) |