

# 12x2 Video / Balanced Audio Matrix BC-2512

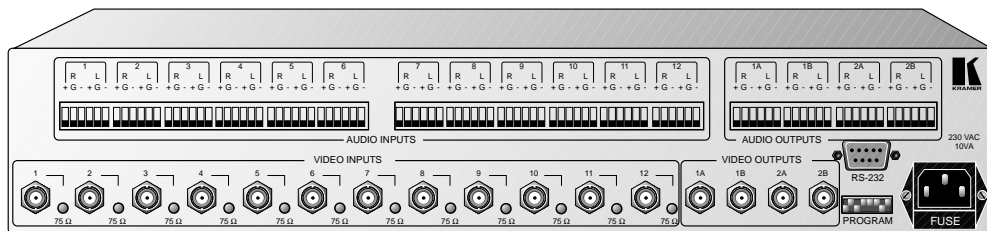
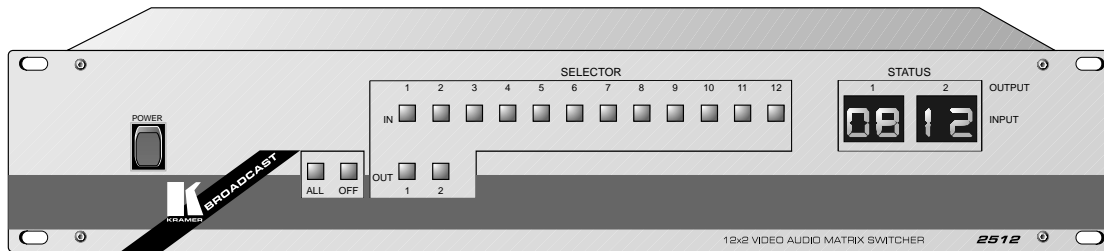
The **BC-2512** *Balanced Stereo Audio / Video Vertical Interval Matrix Switcher* switches twelve broadcast level Video and Balanced Audio-Stereo inputs to two sets of outputs.

All the inputs are loopable. This feature enables the integration of several units to form a larger switcher (Two **BC-2512** will form a 12 X 4 switcher).

The switching is performed during the Vertical Interval to ensure a clean transition of genlocked inputs. The switcher has a built-in *RS-232* interface for computer control. PC control software is also provided.

## Some features and applications:

- ❖ Video production studios for routing various sources to the appropriate acceptors.
- ❖ Live broadcasting, for switching between cameras in *real-time*.
- ❖ CCTV and security applications, for scanning alarm cameras.
- ❖ Broadcast and studio Audio applications.



## Technical Specifications:

<b>INPUTS:</b>	12 Composite Video, looping, 1Vpp, 75 Ω on BNC connectors.	
	12-Balanced stereo, +4dBm Nom., 47k Ω on <i>Terminal block</i> type connectors.	
<b>OUTPUTS:</b>	2x2 Composite Video, 1Vpp, 75 Ω on BNC connectors.	
	2x2-Balanced stereo, +4dBm Nom., 47 Ω on <i>Terminal block</i> type connectors.	
<b>CONTROLS:</b>	16 key control panel or RS-232 control.	
<b>MAX VIDEO INPUT:</b>	2.0 Vpp.	
<b>VIDEO S/N RATIO:</b>	74 dB.	
<b>VIDEO BANDWIDTH:</b>	50 MHz, - 3 dB.	
<b>VIDEO CROSSTALK:</b>	-56 dB.	
<b>AUDIO BANDWIDTH:</b>	20 kHz at - 1dB.	
<b>AUDIO THD:</b>	Less than 0.05%.	<b>K-FACTOR:</b> <0.05%.
<b>DIMENSIONS:</b>	19 inch, 2 U rack mountable.	<b>DIFF. PHASE:</b> 0.09 Deg.
<b>POWER SOURCE:</b>	230VAC, 50/60 Hz, (115 VAC U.S.A.)	<b>DIFF. GAIN:</b> 0.05 %.