

## RGB0808-A Matrix switcher



### INTRODUCTION

RGB series Matrix switcher is a high-performance professional computer and audio signal switcher that can be used for cross switching of multi computer and audio signal. The integrated touch panel and friendly GUI allow users to monitor or preview one of the input/output RGB signals simultaneously and make it much more easily and directly to control the switcher.

### FEATURES:

1. Inputs: Video on female BNC and audio on captive screw connectors
2. Outputs: Video on female BNC and audio on captive screw connectors
3. Control Port: RS232, female 9-pin D connector
4. Compatible with composite video, S-video, component video, RGBHV, and/or balanced/unbalanced stereo audio
5. 450 MHz (-3dB) RGB video bandwidth, fully loaded
6. 10 global presets
7. Adopting the gain-compensation and synchronization signal proofread technology
8. Power-fail protection
9. Rack-mountable enclosure
10. Universal international power supply (110V-240V)

### Parameter:

**Video Signal** : RGBHV, RGBS, RGsB, RsGsBs,  
**Connector** : BNC  
**Gain** : 0 dB  
**Bandwidth** : 450MHz(-3dB),fully load  
**Switching Speed** : 200ns(Max.)  
**Crosstalk** : -56dB@10M, -40dB@100M,  
**The input impedance of in phase signal**: 510 Ω ; 75Ω optional for 1-4 channels  
**The output impedance of in phase signal** : 75Ω  
**The input/output impedance of Video signal** : 75Ω  
**The input/output level of video signal** : 0.5V~2.0Vp-p  
**Control/Remote** : RS-232,9-pin female D connector  
**Pin configurations** : 2=TX,3=RX,5=GND  
**Software Control**: Matrix Control Program  
**Temperature** : -20℃~+70℃  
**Humidity** : 10%~90%  
**Power supply** : 100VAC~240VAC, 50/60Hz  
**Power** : 30W