

*Standard Resolution RGSB to VGA Video Adapter*



The Magenta Research RGB to VGA active video converter converts a three component RGB, sync on green computer signal to a 5 component RGBHV separate sync signal compatible with a VGA display by stripping the composite H&V syncs off the green video channel and recreating separate H&V syncs. This unit is for computer video, NOT for YUV or Y,Pb,Pr TV type video.

The RGB to VGA converter also features switchable settings for separate or composite sync, switchable sync polarities as well as direct or PLL oscillator sync modes (for sync sensitive LCD displays).

With coaxial BNC input connectors and a 15HD output connector, standard coaxial and VGA cabling is all that is required to install the unit. The RGB to VGA converter requires an external power supply (included) to operate. Resolutions to 1280x1024 are supported. For higher resolutions use #4808706-12B.

The RGB to VGA converter does not change the input signal horizontal and vertical scan frequencies so the display device must support the source signal scan rate.

**Technical Information**

**Size:**  
3.8"W x 2.4"H x 1.0" (96.5 x 60.1 x 25.4mm)

**Weight:**  
0.25 lb (113 grams)

**Input Signal:**  
RGB analog, sync on green

**Connector:**  
3 BNC coaxial

**Output Signal:**  
RGB analog, separate sync

**Connector:**  
15 HD female

**Power:**  
12VDC @130mA  
Power Supply Included

**Resolution:**  
1280x1024 maximum