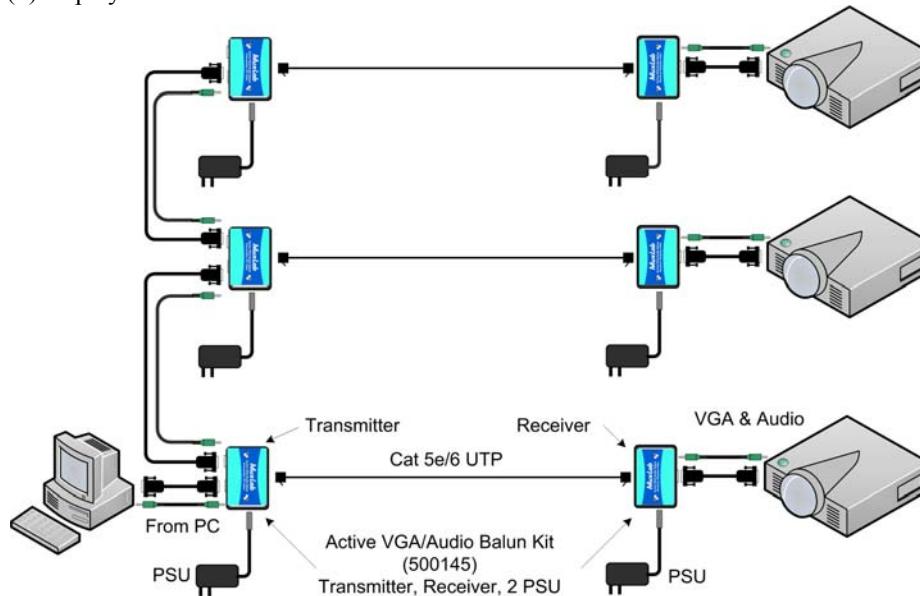




Active VGA/Audio Balun Kit (500145)

Frequently Asked Questions (FAQ)

1. **Is the 500145 cascadable to support more than one display?** Yes. Up to three (3) 500145 transmitters may be cascaded to support up to three (3) displays.



2. **Is there any latency due to the balun or the DDC handshaking?** The active baluns have negligible latency; typically below 20ns (nano-second). At start-up, there is no delay due to DDC handshaking since DDC handshaking is transmitted separately from the VGA video image.
3. **Is there a maximum distance for the VGA jumper cables?** Yes. 15 ft (4.5m)
4. **What is DDC Compliance?** DDC stands for Data Display Channel and is a VESA standard that defines communication between a monitor and a host system. Its purpose is to allow information about the monitor to be sent to the PC so that the PC can output the optimum image size and resolution for the monitor. By being DDC Compliant, the Active VG/Audio Balun II Kit allows the DDC signal to pass between the monitor and the PC. Certain software such as medical imaging or digital signage take advantage of this feature to optimize their software according to the type of display that is connected. Audio-video systems integrators will typically be interested in the product for this reason. Most passive/active baluns on the market do not support this feature.
5. **Does the 500145 support full duplex or hal duplex RS232?** The 500145 is full-duplex because even though one (1) pair is used to transmit RS232, the signal is transmitted so fast that from the user standpoint, it is effectively full-duplex. However, the user must specify: BAUD Rate: 9600, Data bits: 8, Stop bits: 1, Parity: None, Flow control: Hardware
6. **Can the RS232 host be at the transitter or receiver end?** Yes. The RS232 host can be on transmitter or receiver end as long as the connectors are compatible. The receiver is a plug and the transmitter is a receptacle.
7. **Does the 500145 have ground loop isolation?** Yes. Up to -2VDC to +3VDC between the PC and the display grounds.