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The MegaPlug AV 200
converter
MegaPlug

[Actiontec MegaPlug AV200: Ethernet-Over-Powerlines Strikes Back](#)

Having an Ethernet network the size of a power-grid has never been simpler

Ethernet-over-powerlines connectivity solutions are gaining more and more popularity as people start to realize that plugging your ethernet cable in a power outlet is not as dangerous as it may seem. While conventional Ethernet networks make use of the good-old CAT5E cable, the Ethernet-over-powerlines setups use converters placed directly on the wall outlets. The CAT5E cabling is replaced by the powergrid structure itself. Recently built houses are rigged with all the necessary cabling for your home Ethernet network. The cables are hidden inside walls and connection points are available via the built-in RJ-45 outlets. Older houses do not include built-in Ethernet networking and will surely drive the user mad with rolling all the cable. The MegaPlug AV 200 Mbps Ethernet adapter offers the convenience of TCP/IP communication but without the need to run CAT5E cables from one point to another. The concept is simple and requires the use of two adapters, each plugged in the wall outlets that power the two computers. The Actiontec MegaPlug AV is shipped in a router-like form factor and promises up to 200 Mb/s data transfer rates. The estimated data transfer rate is much above the rates you will actually get. The units are typical wall-wart style adapters with three indicator LED lights placed on their case. They indicate the Power, Link and Ethernet states. The units are also rigged with venting slots all the way around the adapter to allow constant ventilation. On the other side, the device is equipped with a standard 2 prong plug, but it lacks the grounding - there is no problem since the unit is all made from plastic. The adapter also features a female RJ-45 jack that allows connecting a computer, a switch or (wireless) router to the powergrid.