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GeoPort Adaptor & Multiple-Line Analog Telephone Lines (10/94)

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Security: Everyone

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TOPIC -----

Does the GeoPort Telecom Adaptor work on multiple-line analog telephone lines? We have heard that of the four wires inside a typical phone cable (Yellow-Red-Green-Black), the GeoPort uses the red and green pair and doesn't use the yellow and black pair.

Please provide some general information about this and we also have the following specific questions:

1) Does the GeoPort, like other personal computer modems on the market today, NOT support multiple-line analog phone lines?

2) In case a multiple-line analog phone line is custom-wired so the GeoPort always accesses the pair of wires it CAN run on, does the GeoPort in fact use the red and green pair?

DISCUSSION -----

An analog line into a building from a typical phone company is an RJ-11 public switched telephone network two-wire scheme, a tip and ring lead. These lines carry voice or data over the local loop into central office of the regional phone company that supplies the switching equipment, signaling equipment, and batteries for telephone operation, and then on to it's receiving end. Apple's GeoPort is like any other modem on the market today, it conforms to the same electrical standards used by the modem industry enabling it to communicate over public switched lines.

The GeoPort uses only a pair of the four wires. The GeoPort Telecom Adaptor is only wired for pins 2 and 3 (red/green) of the phone connector.

As for the GeoPort working on a multiple-line analog phone line: If the multiple-line analog phone line uses the telephone company standard, four conductor RJ-11 wiring, pins 2 and 3 (red/green) will be the wire pair a GeoPort

will use. Pins 1 and 4 (yellow/black) will have to be switched to pins 2 and 3 for operation with a GeoPort Adaptor.

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