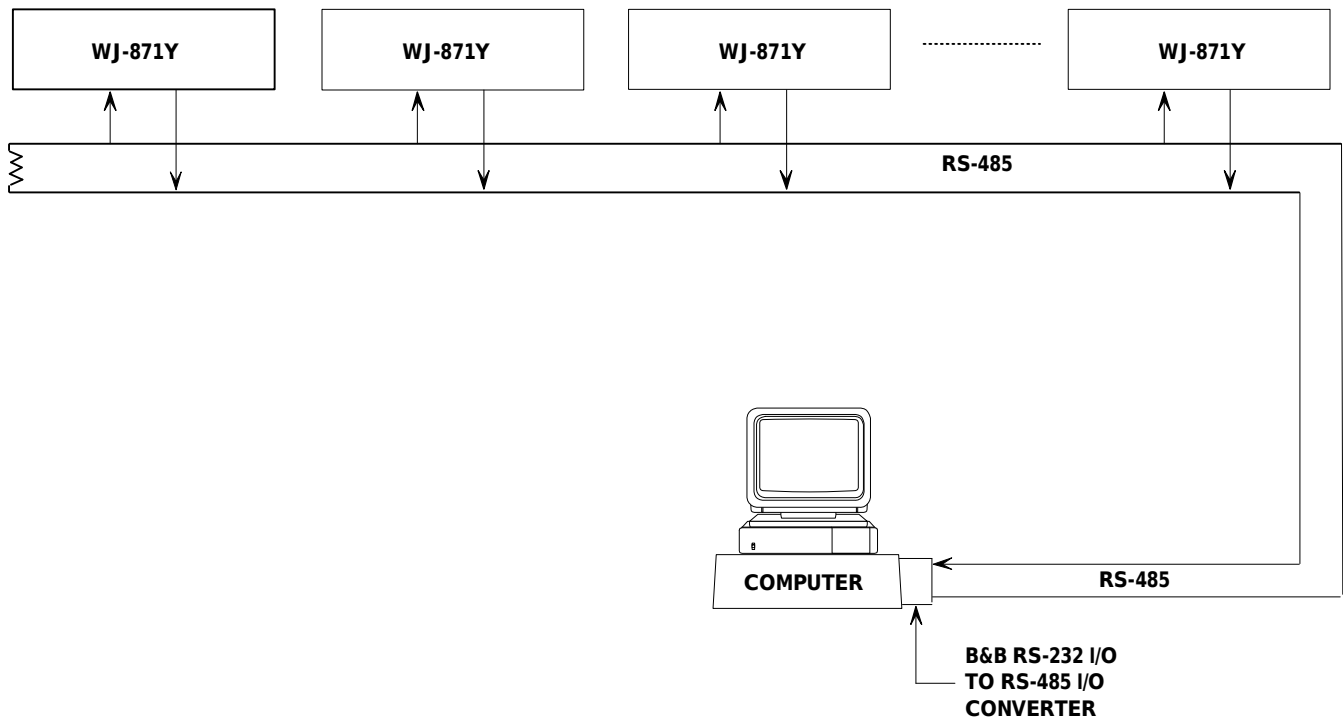


May 1996

RS-485 Multidrop Interface Option WJ-871Y/485

The WJ-871Y/485 option allows the networking of several WJ-871Y Receivers over an RS-485 interface for complete, real-time receiver control. RS-485 defines a half-duplex, balanced interface with tristate drivers. It may be used in multipoint applications where one central computer controls many different devices. As many as 32 units may be interconnected using RS-485. A computer with a standard RS-232 interface will require an RS-232 to RS-485 converter. Transmissions can run long distances at high speeds in accordance with the RS-485 standard.

The RS-485 interface is available at the receiver's 25-pin IN D-type connector on pins 18 and 25. The receiver address and communication speeds (up to 9.6 kbs) are easily selected by setting internal DIP switches. Figure 1 shows a typical network configuration where several WJ-871Y receivers are commanded by a central computer via the RS-485 network.



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