

MPB Technologies Inc.

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Model MLC960 laser communication system

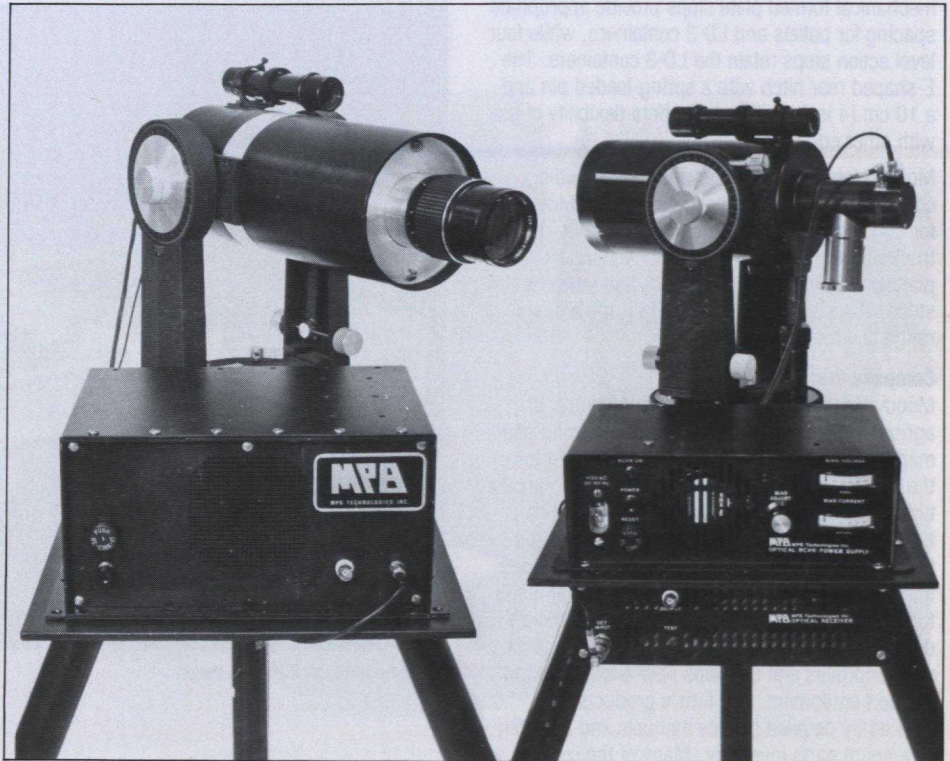
■ The MPB Technologies MLC960 atmospheric laser communication link is capable of video, multivoice channel, or high-rate data transmission to a distance of 2 km (1.2 m). The system may be used as a building-to-building communication link at airports without the trouble of R.F. interference or installation difficulties. It may also be used by airport security as an extremely secure communication link. The MLC960 laser communicator incorporates a laser diode at an invisible wavelength of 0.83 micrometres. The collimated laser output permits communication in noisy environments or where a high degree of security is required. Quick installation and optional battery operation allow for temporary links or links in areas of difficult access.

Graphic generators

The company offers two models of VISTA 90 single-channel graphic generators: the VISTA 90/SF with two (512K) flexible disk drives; and the VISTA 90/SH with one (20M) hard disk drive and one (512K) flexible disk drive. There are two models of VISTA 90 two-channel graphic generators: the VISTA 90/DF includes two (512K) flexible disk drives; and the VISTA 90/BH includes one (20M) hard disk drive and one (512K) flexible disk drive. Also offered are application software items and accessories — an on-air TV broadcast application program; TV broadcast font artwork sets; and an operators keyboard.

Company Profile

MPB Technologies Inc., established in 1976, specializes in the manufacture of high technology products, research and development, and consulting services. MPB's products include lasers and laser systems for industrial processes, scientific measurement and communications equipment; high definition graphics and character generator systems for television broadcast applications; radar, radiometers and scatterometers; and optical fibre isolators, coders, decoders and communications systems. MPB's products have been sold in many countries including Canada, Germany, Italy, Japan, Norway, Switzerland, the United Kingdom and the United States.



Laser communication receiver and transmitter