

## Infra-red communications system provides complete security and mobility for ATC personnel



The Infra-Com digital communications system from Link Microtek uses infra-red technology to provide totally secure and mobile short-range voice communications and is therefore ideal for use in air-traffic-control (ATC) applications.

Not only does it enable senior personnel to move unhindered around a control tower but it also guards against military or terrorist threats by preventing any possibility of eavesdropping.

Designed and manufactured by Link Microtek's Azdec subsidiary, Infra-Com is a wireless system that gives operators complete freedom of movement and enables them

to speak to each other or to link into the tower's main communications system via a central base station.

The low-level infra-red digital encoding technology poses no health hazard, and the signals are completely immune to electromagnetic interference - even severe energy pulses. As there are no radio-frequency emissions from the system, no-one can listen in to what is being said.

Providing multi-channel, full-duplex communications, Infra-Com is a robustly designed system comprising a compact base station, a number of fixed infra-red antennas, a choice of noise-attenuating or ultra-lightweight headsets, operators' belt-mounted battery packs/control units, and a central battery-charger unit.

LM383

### Further information from:

Steve Cranstone, Link Microtek Ltd  
Tel: +44 (0)1256 355771  
Fax: +44 (0)1256 355118  
e-mail: [steve.cranstone@linkmicrotek.com](mailto:steve.cranstone@linkmicrotek.com)

### Issued by:

Rick Bauling, RJB Communications  
Tel: +44 (0)1234 782255  
Fax: +44 (0)1234 782744  
e-mail: [rbauling@rjbcms.com](mailto:rbauling@rjbcms.com)