RadioLAN

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Radio**LAN**

Wireless Local Area Network
Configuration User Guide

RadioLAN

Notices

FCC

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct interference at his own expense.

FCC ID: MCI140

Unauthorized changes to this equipment may void FCC compliance.

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The instructions in this document have been carefully checked for accuracy and are presumed to be reliable. RadioLAN and its writers assume no responsibility for inaccuracies and reserves the right to modify and revise this document without notice.

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Manual Conventions

The following text formats are used throughout this manual.

References to other locations in the manual or to other Manuals provided by RadioLAN are *italicized*.

Narrow Letters describe **buttons** and fields on the screen

SMALL CAPITAL LETTERS describe Screen Names or Screen Tab Names

Bold and Italicized Letters indicate important information.

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![RadioLAN logo]

Introduction

RadioNET Manager manages network stations, enabling them to function at an optimum level. You can also track and test the quality of communications within a network.

With RadioNET Manager you can:

- View detailed information for a specific station.
- View several stations at once.
- Modify station name.
- Modify station Subnet ID.
- Enable/Disable the Access Point of a station if a WAP (Wireless Access Point) Adapter is installed in the PC.
- Identify access type for each station.
- Test individual stations to determine success/failure rate of transmissions.
- Test the communication connection between stations.

![RadioLAN logo]

System requirements

To use RadioNET Manager, station computers must meet or exceed the following requirements:

- IBM-compatible 386 or greater
- 4Mb of RAM
- 3.5 inch floppy disk drive
- Hard disk drive with at least 1Mb of available space

Range of Operation

RadioLAN networks provide a radio carrier range of 250 feet with a nominal data range of a 120 feet radius from each station. Within the data range, a station can exchange information at full Ethernet speeds.
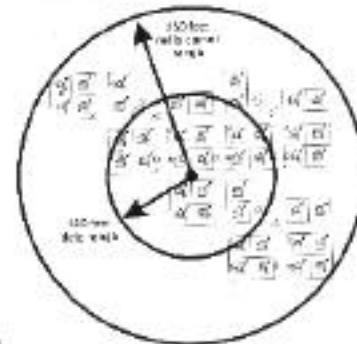

Figure 1: Range of Operation

For best operation, RadioLAN recommends that you locate all stations within a 120-foot circular area (see Figure 1). This ensures proper operation of the network's CSMA/CA feature, which overcomes network communication collisions.