



Applications

- Police, Fire, Ambulance
- Utilities, Taxis, Airlines
- Forestry, Parks, Recreation
- Industries, Municipalities, Construction
- Security and Public Safety

Features

- **151 Subscribers / Users**
- **CTCSS and CDCSS Decode/Encode**
- **CTCSS and CDCSS Cross Coding**
- **Bi-Directional, Uni-Directional, and Cross-Band Operation**
- **Programmable Drop-Out and Time-out timer**
- **CWID, 12-Character**
- **Programmable Radio Interface**
- **Accessory CTCSS/CDCSS Encode**
- **Local Microphone Connection**
- **Programmable Accessory Connector**
- **PC Programmable**

The **IRC3000A Repeater Controller** provides a low cost option to construct a repeater with two mobile radios. In this system, one of the mobile radios is a dedicated receiver and the other is a dedicated transmitter. Even though one radio is designated as the receiver and the other the transmitter, the IRC3000A can reverse the repeat action causing the transmitter of the dedicated receive radio to transmit when the receiver of the dedicated transmit radio receives a valid user. This is useful in cross band applications.

Enabling up to 151 different groups of users access to a repeater system, the IRC3000A facilitates group communi-

cation by providing CTCSS and CDCSS (Continuous Tone and Digital Coded Squelch System) encoding and decoding, cross banding, forward and reverse repeat (bi-directional operation) and functionality requirements for group use.

Full of useful features for different radio systems and users needs, the IRC3000A is an efficient and reliable controller. The repeater controller is useful where a repeater is used by multiple users with different communications need, in temporary environments, or in a shared community system. The IRC3000A Repeater Controller is designed to control a variety of radios. Functionality and set-up varies according to the application.

