OVERVIEW OF RADIO OPERATION

The RDX series RF modules are designed for integration into various radio systems products. The module has no user controls as such and is designed for use in applications such as low power control stations and mobile relay /mobile repeater stations. The modules interface connector provides standard input/output audio interfaces, logic indication of squelch conditions, and logic level selection of the pre-programmed channels/personality modes, in addition to serial bus control.
All frequency, deviation, squelch and power settings are pre-programmed into the unit by use of a standard Motorola XTS3000 series Radio Service Software (RSS) run on a PC together with a Radio Interface Box (RIB) and associated programming cables.