

## **ZN551T Operational Description**

The ZN551T is a 418 MHz pulsed RF transmitter and an infrared remote control. The infrared remote can control a variety of TVs VCRs cable boxes etc. The 418 MHz pulsed RF transmitter acts as an IR extender which enables the remote to operate the audio/video equipment from any room in the house. The internal MCUs receive information from the keypad and convert the keystrokes into a pulse code. The pulse code is then sent to the 418 MHz RF transmitter and is used to pulse modulate the 418 MHz carrier.