

## **Model 3BTM, Transmitter**

### **Product Operation Description**

Wayne-Dalton Corp.

This device, a portable low-power transmitter, consists of an LC RF oscillator at 372.5 MHz, power supply, and a microcontroller clocked by a 4 MHz internal signal.

The transmitter is normally off until any button is activated. Any button activation enables the microcontroller, which activates the RF oscillator. The microcontroller generates the data waveform (pulse width modulation, On/Off keying) for the RF oscillator.

When the activated button is release or after 60 seconds of button activation, the RF oscillator turns off. The difference between the buttons is in the data sent.

The RF antenna is printed circuit based and is not removable and not changeable.