

MODEL FWIR Operational Description

The MODEL FWIR is a 418 MHz pulsed RF transmitter remote control. The RF remote is used in conjunction with the Messenger Hub RF receiver. The remote can activate various household appliances when used with the RF receiver that is connected to the household AC wiring.

The remote control's 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.