

MG-DCTXP

Technical description:

- 4 main sections:
- 1- Battery
 - 2- Trigger interfaces
 - 3- Micro controller
 - 4- RF transmitter circuit

- 1- Battery: To supply the current to the unit there is 2 “AA” type batteries.
- 2- 2 triggers are use to send an alarm: Magnetic reed switch and tamper switch
- 3- The micro controller is use to manage the whole unit. It monitors the battery voltage, manage the current consumption and format a message on event (door open, door close, low battery level, etc...)
- 4- The RF circuits RF2516 receives the formatted message from the micro controller and modulate it on a radio frequency carrier then transmit it. The type of modulation used is OOK (On and Off Keying). A helicoidally type antenna is use to convert the electric wave to electromagnetic wave.