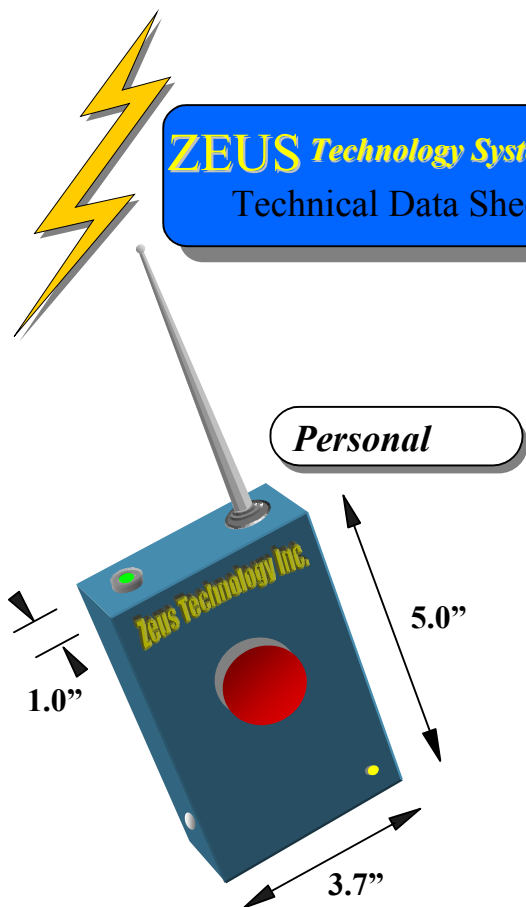


ZEUS Technology Systems, Inc.
Technical Data Sheet

ZRA-240
Remote Alarm System



Personal

Monitoring

DESCRIPTION

The Zeus Remote Alarm System, ZRA-240, is a small personal alarm system featuring a small (prototype approx. 5.0"x3.7"x1.0"), light weight (approx 12 oz) transmitter that is convenient to clip on a belt, wear as a pendant, or hand carry, and is easily activated by a prominent "panic" button. Each transmitter is uniquely coded, allowing hundreds of units to operate independently, simultaneously in the same area. The monitoring station has an initial high gain omni-directional "cluster" antenna to receive the transmitted signal over a range of one mile (outdoors, line-of-sight), and then relay the signal through up to three high gain directional antennas / repeaters to the alarm monitoring receiver. The monitoring station operates under computer (Lap Top) control, and frequently poles each alarm transmitter (every 10 to 100 msec. depending on number of units operating) to ensure that it is operational.



FEATURES

- Size*.....Small size (5.0"x3.7"x1.0"), light weight (12 oz): clip on belt, wear as a pendant, or hand carry
- Power*.....Internal, rechargeable battery
- Signal*.....2.4 GHz, broad band, frequency hopping spread spectrum
- Operation*.. "Emergency Activation" button
 Unique code identifies each transmitter / wearer
 LED "on" indicator

RECEIVER

- Power*.....Can be operated from 115 / 230 VAC, 12 VDC, or portable battery pack
- Control*..... Computer (Lap Top)
- Alarm*..... Audio alarm / visual alert directly from receiver with or without computer attached
- Operation*... Personal units may be "polled" by the host system to monitor status and insure operational readiness
- Antenna*.... Personal Transmitter: 3 dBi omni
 Repeaters & Hosts: 6 dBi omni;
 9, 18, & 24 dBi directional antenna