



Wireless Remote Vibrating Alarm System

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ISO 9001: 2000

International Standards
Certifications
QAC/R61/0051

Product Overview:

The Pertronic **Remote Vibrating Alarm System** aims to alert and wake sleeping residents in the event of a fire alarm. It is aimed at those who may be hearing impaired and may not respond to normal auditory alerts. Operating as a self-contained system, it allows wireless communication between the fire panel and remote individual units located in bedrooms, which activate a vibrating bed-shaker unit placed under the pillow or mattress, to alert residents for immediate evacuation. The centralised Master unit allows fast status checking and dynamic alteration of the number of Slave units present on the system. The system also supports the ability to drive a personal strobe unit to alert residents who may be in their room, but not asleep.

Audible and visual alerts are provided should a system fault occur.

Features:

- Provides a cost effective solution for installations such as small/large residential homes, dormitories, rest-homes and student accommodation.
- Can be used with all current Pertronic Fire Control Panels.
- Wireless communication allows ease of installation and maintenance with up to eight (8) Vibrating units easily added or removed from a single system.
- Wireless range is >50 metres unobstructed, but is dependent on building structure.
- Small, robust case design suitable to be placed under or beside a bed, away from obstruction.
- Simple user interface allows fast system status checking and fault diagnosis.
- Main unit status is monitored by the Fire Panel, raising a defect if the system fails.
- Vibrating unit has ON/OFF switch and Strobe drive output for optional external strobe.
- Automatic and manual Test button to provide peace-of-mind and ensure the vibrator functions correctly.



Master Unit - Transmitter



Slave Unit - Receiver



Specifications:

Dimensions: L x W x Dmm 150 x 78 x 50 - Enclosure

Power Requirements:

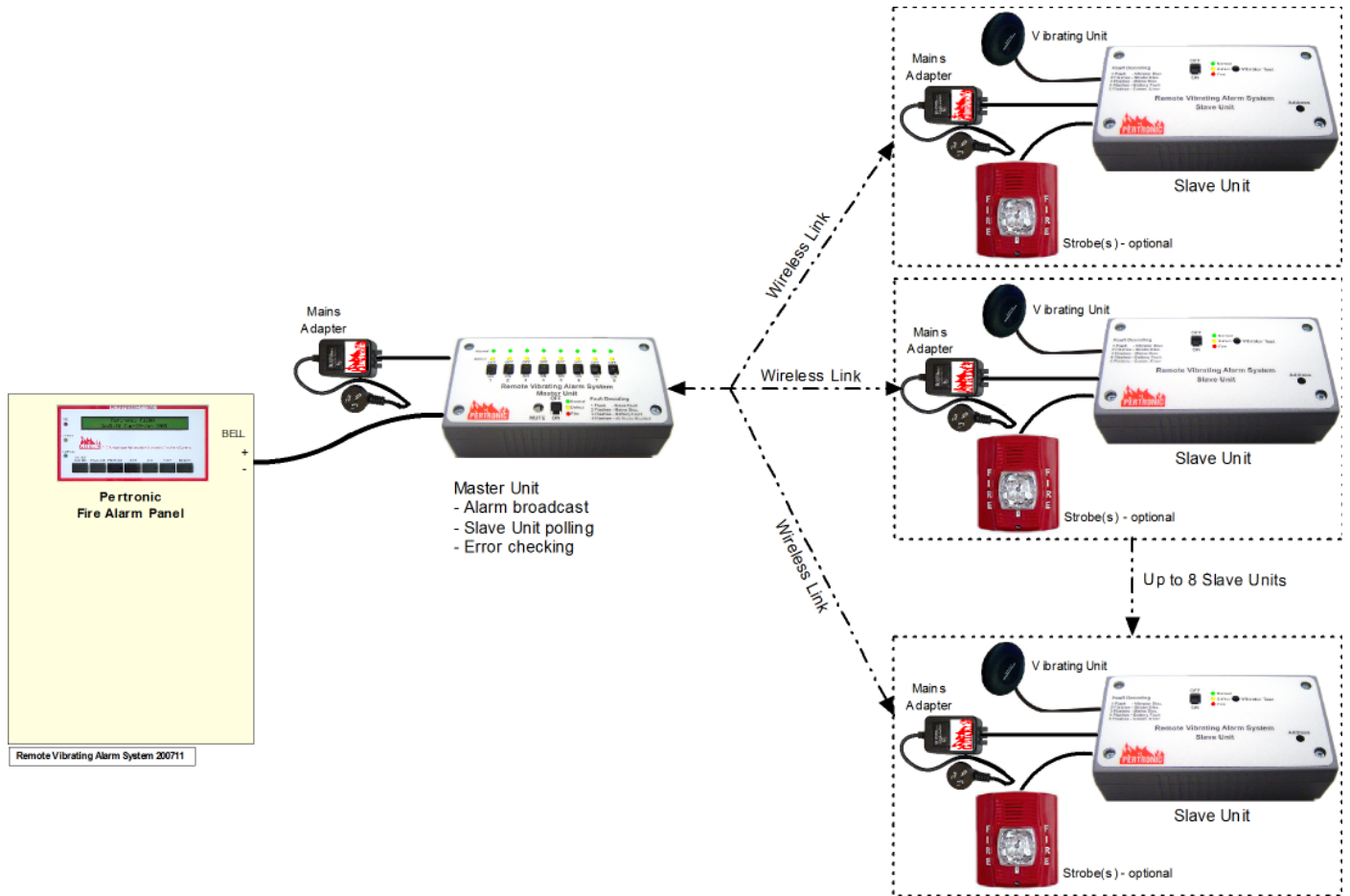
Input Voltage: 15.5Vac/24VA Mains Adapter
 Battery Backup: 12V, 700mAh Sealed Lead-Acid - provides 17-hour standby.
 Current - Master unit: Quiescent: 25mA Alarm: 500mA maximum
 - Slave unit: Quiescent: 25mA Alarm: 250mA maximum per Receiver.
 - Strobe extra (+250mA maximum).

RF Frequency: 433MHz – ISM Band

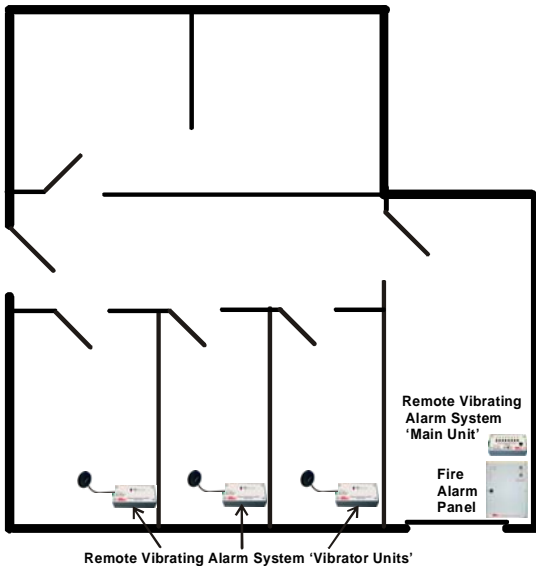
Product Codes:

Description	Product Code
Remote Vibrating Alarm Master Transmitter Unit	VIBATX
Remote Vibrating Alarm Slave Receiver Unit	VIBARX
Vibrating Pad	VIBPAD
Power Pack: 230Vac to 16Vac @ 1.5A	ACPP16V1.5A

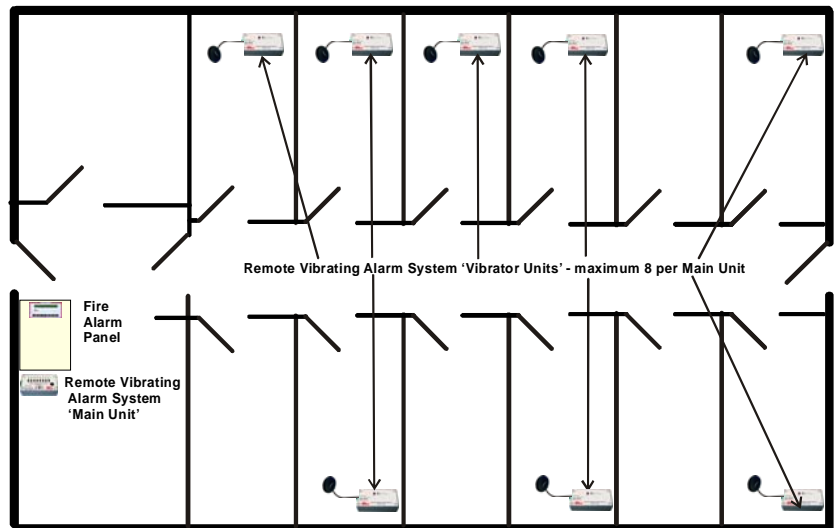
Typical Installations:



Home Installation



Dormitory Installation



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