RAVEN*Alert*™
Quick Start User Guide

Overview: The RAVEN*Alert*™ can be powered by the supplied external power supply or by two (2) D cell batteries, or both. In the latter case the batteries will act as a back-up should main power fail. In the case of a desk top or shelf top installation where the unit will stand alone it is highly recommended that two (2) D cell batteries be installed, providing necessary ballast to prevent tip over. If you intend to wall mount the RAVEN*Alert*™ you must install batteries and the power supply cable prior to mounting the unit to a wall surface.

Flashing LED

Alarm & Text to Voice
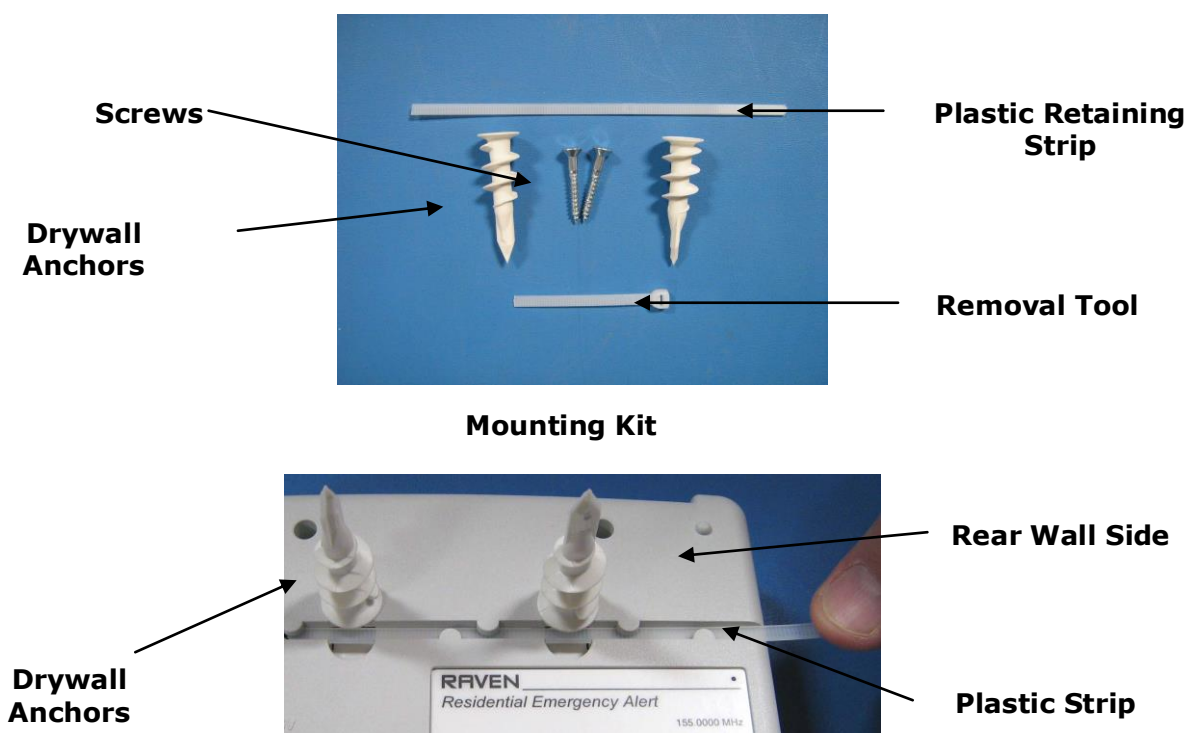
Message

RAVEN SYSTEMS MASS NOTIFICATION
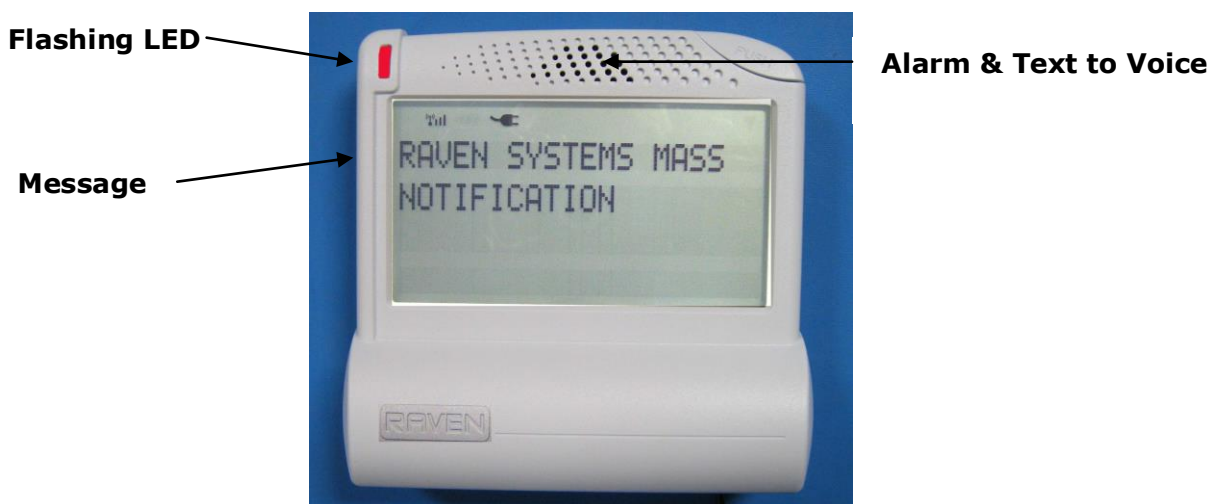
The RAVEN*Alert*™ must receive radio signals to operate properly. The best locations to assure good reception are open areas such as walls and flat surfaces that are at least two feet above floor level. Rooms with windows are always preferred. Avoid setting the unit on a concrete floor or on any wall surface that may incorporate wire mesh or a metal screen. It is always best to place the RAVEN*Alert*™ at least three feet away from any computer, television, microwave, or electronic device that can emit interference.

Installation

Step 1 Connect the RAVEN*Alert*™ to power by either attaching the supplied transformer or by installing two (2) D cell batteries in the battery compartment. The words ***initializing*** will appear on the screen. In a few moments the screen will return to a blank state. The unit is now operational and is ready to receive messages. To test, page the device with a normal alpha numeric text message. The unit will beep and the message will be displayed on the screen. Press the button in the top right corner to silence the alarm and hear the spoken message.

Note: While the RAVEN*Alert*™ uses an exciting new text-to-speech technology. You will discover that it is not perfect. It is designed to complement the entire system. It is best to develop pre-canned messages, which can be refined to sound great. Dynamic messages may not be as clear, depending on the message and the complexity of the words.

Mounting Kit

Step 2 Wall Installation: Find a wall surface that allows for installation approximately 5 feet from the floor level. Insert supplied wall anchors 1 13/16 inches apart on the level. (Note: This distance matches the hole pattern of a standard double gang electrical box). Thread the supplied wood type screw into the anchor and leave approximately 1\4 inch of the screw head protruding for the anchor. Set the RAVEN*Alert*™ over the screw head and drop into the slot. Adjust the screws until the RAVEN*Alert*™ is tight to the wall but not under stress. To assure that the device stays in the wall and cannot be removed by unauthorized people, slip the plastic strip into the back channel and slide it until it disappears from view. This strip will keep the unit from lifting up and away from the screw head. To remove the RAVEN*Alert*™ use the small plastic piece provided to punch the installed strip out where it can be grabbed by needle nose pliers. The unit can then be gently lifted away from the mounting screws.

Step 3 Setting Time:
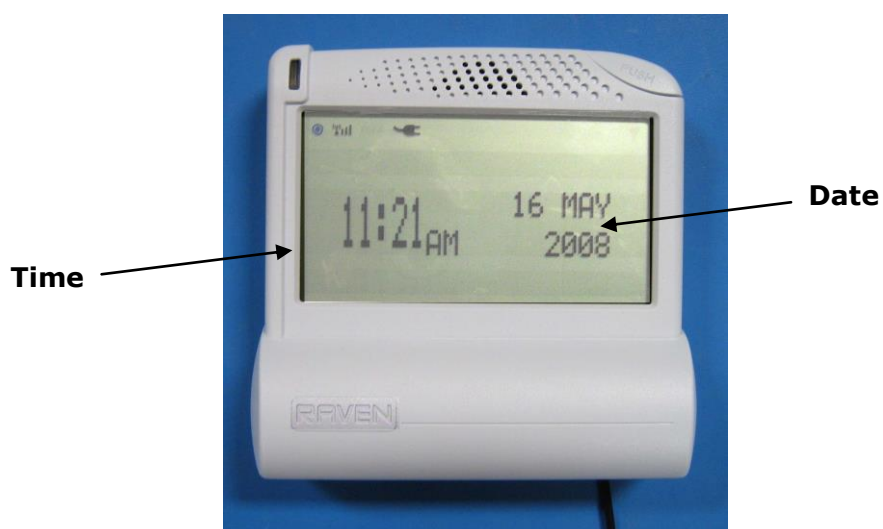
Date

Time

FLEX devices receive a time signal from the paging service and the date and time will be displayed on the screen. If you have POCSAG devices you must send the following 16 digit time command to set the clock: {{YYYYMMDDhhmmss}} where YYYY = the 4 digit year. MM = the 2 digit month. DD = the 2 digit day, hh = the 2 digit hour, mm = the 2 digit minutes, and ss = the 2 digit seconds.

For example, sending the text command {{20080421154201}} will set the clock date to April 21st, 2008 and the time to 3:42 pm. You must enter the brackets exactly as shown.

If you wish to only display the current time without date information, set the year, month, and day values to zero when issuing the time message. For example, sending the message CC00000000154200CC will set the clock to 3:42pm, without displaying any date information.

The time will drift and it is recommended that you set your system to test page the installed unit every 12 hours on a scheduled basis to keep accurate time.