

CFA EASTERN METROPOLITAN REGION DISTRICT 13

EAS Pagers Version 3.6 Firmware Upgrade

Summary of Enhancements in this Release July 2010

- **“Silent All” Option**

In the “Alerting” menu of the pager is a new option “Silent-All”. There are two possible values that can be selected – either “Normal” or “Silent”.

When this option is set to “Silent”, all operations that would result in tone generation are silenced. In addition, the following menu items in the “Alerting” menu are set to “Silent” and greyed out so that they cannot be changed:

Emerg

Non-emerg

Admin

Volume

Btn sound

When the “Silent-All” option is changed back to “Normal” the settings that were previously configured for the above five items are restored.

- **Increased CAP Code Capability**

Version 3.6 firmware will increase the CAP Code storage from the current maximum of 12 CAP Codes (with 11 usable and 1 reserved) to a new maximum as agreed with ESTA of 20 CAP Codes. Further details will be provided in regards to the availability and types of CAP Code groups that can be placed into individual pagers.

- **Bugs fixed in this Release**

- **Holster Detection**

One minor bug was remedied. This has been a long standing bug that causes the Hall Effect sensor responsible for holster detection to be misread under some circumstances, particularly under low battery conditions. As a result, historically, a large number of pagers have been returned as faulty despite the fact that the hardware was in fact not faulty.

This problem was noticeable by users and often reported as the pager “chirping” when in the holster. This issue was fixed by increasing the detect time in the sensor by a small amount (7 micro-seconds).

- **Changes to the Alert Tones**

In pager Version 2.9 not all alert tones were available for every message priority (Emergency, Non-Emergency and Administrative). In Version 3.6 of the Infostream X3 Pager Firmware, every tone can be selected for any or all message priorities.

In addition to the list of tones that existed in Version 2.9, there have been four new (louder) tones created that have been designed to capitalise on the frequency characteristics of the speaker in the Infostream X3 Pager.

The following table shows tone availability in both Version 2.9 and Version 3.6 Firmware.

Tone	Version 2.9 Firmware			Version 3.6 Firmware		
	E	NE	A	E	NE	A
Alarm 1		√	√	√	√	√
Alarm 2		√	√	√	√	√
Alert	√			√	√	√
Beeping 1	√			√	√	√
Beeping 2	√			√	√	√
Beeping 3		√	√	√	√	√
CQ		√	√	√	√	√
Escalating		√	√	√	√	√
Screech	√			√	√	√
Screech 2		√	√	√	√	√
SMS		√	√	√	√	√
Sonar Ping		√	√	√	√	√
Wail		√	√	√	√	√
Warble		√	√	√	√	√
DaDeDaDe				√	√	√
2-Tone				√	√	√
DeDeDeDaDaDa				√	√	√
DahDeDaDee				√	√	√
Silent	√	√	√	√	√	√