Architect and Engineering Specification

Model 298-001 Flush Mount Emergency Telephone

The phone shall operate on a standard analog phone line. It shall be solely powered from the phone line and does not require a battery or external power source. The telephone shall be rated for outdoor installation. The phone shall be auto-dial operation and shall be capable of automatically answering incoming calls.

Calls shall be initiated by using either the **HELP** button or the **CALL** button. The **HELP** button shall always override all other operations to auto-dial the pre-programmed number immediately. Pressing the black **CALL** button shall take the phone off-hook and allow the user to dial local numbers by using the metallic weatherproof Braille keypad. Pressing the black **CALL** button a second time shall end the call and put the phone on-hook. When calls are connected, communication shall be hands-free, speakerphone operation. The phone shall be compliant to Americans with Disabilities Act (ADA) and provide the following features:

- Visual indicator when the call is received
- Phone location identification
- Call disconnect control from the called party
- **HELP** push-button with a Braille tag and a large red "palm" button for easy activation. Push-buttons that do not provide a tactile feel when activated will not be acceptable.

Speaker volume sensitivity level shall be adjustable. The phone shall provide an auxiliary switch for activation of peripheral equipment when emergency calls are in progress.

The phone shall store three telephone numbers associated with the **HELP** button. If the first number dialed is busy or does not answer, the second and third numbers shall be dialed as required. The phone shall attempt to call each phone three times.

The phone shall contain a microprocessor and non-volatile memory for storage of its programmable parameters. A customer-configurable password protection feature shall prevent unauthorized tampering. The phone shall be capable of local and remote programming. Local programming shall be accomplished using the front panel keypad. Remote programming shall be accomplished by calling from another telephone and using DTMF tones. The phone shall have the following standard features:

- Auto-dial Numbers (24 digit capacity)
- Password (4 digits)
- Telephone line disconnect method (loop current, push-button, time-out, or dial tone)
- Silent Monitoring Feature (on/off)
- Local audible ringing (on/off)
- ADA Features (on/off; phone ID - 3digits).

The phone shall be weatherproof rated NEMA 3R with an operating temperature range of –40°C to +60°C and relative humidity to 95% non-condensing. The phone shall be a flush mount design with 12x10" (HxW) 14 gauge stainless steel faceplate and a 10x7.6x4" (HxWxD) #16 gauge cold rolled steel back-box. A protective inner screen shall cover microphone and speaker openings on the front panel. All mounting hardware shall be tamper-resistant.

Telephone shall be designed and developed by the manufacturer.

Telephone manufacturer shall be ISO 9001 Certified.

Architect and Engineering Specification

Phone shall be registered under FCC Regulations, 47 CFR, part 68 and comply with UL/CSA 60950.

Telephone shall be manufactured by **GAI-Tronics Corporation as Model 298-001.**

Sold by:

TWAcomm●com
http://www.TWAcomm.com
Toll Free: (877) 892-2666