

ARCHITECTURAL SPECIFICATIONS

SAT 3 Self Identifying Telephone

SAT 3 General Requirements:

The SAT 3 is a telephone line powered device that connects to a telephone line or analog capable PBX. The SAT 3 dials a pre-programmed number, when the **PUSH FOR HELP** button is pressed. It can dial up to 9 additional 16 digit phone numbers. After dialing, it permits two way voice communication without having to hold a handset (Hands Free). The amount of time that you can talk on the SAT 3 before it disconnects, is programmable from 1 to 99 minutes. The SAT3 can identify itself by sending a 4 digit ID number as a series of Touch-Tones™.

SAT 3 Functional Specifications:

SAT 3 shall be telephone line powered only (24 Volts @ 25 milliamperes, minimum required power) and not dependent on any external power source or battery.

SAT 3 shall have Call Progress for dialing phone numbers and for automatic hang-up. Call Progress tones may include dial tone, fast busy, busy, ring back, off hook alert, power denial and line reversal .

SAT 3 shall have built-in 1200 baud modem for programming.

SAT 3 shall be Central Station Compatible in the S.I.A Fast Format.

SAT 3 shall call both central station and regular telephone numbers, in any order

SAT 3 shall store up to 10 discrete 16 digit phone numbers. SAT 3 shall (depending on the programming), dial 2 numbers alternating back and forth 5 times, or ten different phone numbers one after the other. The combinations (up to 10) will depend on the programming, and can be easily changed.

SAT 3 shall have Touch-Tone™ detection for:

Remotely hanging up the SAT 3.

Sending the 4 digit ID number on command.

Remote Programming.

Acknowledging Call (By lighting the flashing Talk LED).

SAT 3 shall have Ring Detect. to control how many rings the SAT3 will receive before it answers.

SAT 3 shall have talk time from 1 to 9 minutes, in 1 minute increments, or 20 minutes, that a SAT 3 remains connected for talking, before it times out and hangs up.

SAT 3 shall have (if programmed to do so) a programmable acknowledge tone, that will light up the flashing TALK light, after the SAT 3 places a call and the Acknowledge Tone has been received.

SAT 3 shall have password control consisting of a 4 digit-programming password. This is used for remote programming from a Touch-Tone phone.

SAT 3 shall have ID Cycle Time that can automatically send it's 4 digit ID number in 10 second increments.

SAT 3 shall have ID Confirm that (when programmed to do so), will automatically dial the next number in it's memory, if the SAT 3 does not send it's 4 digit ID number. SAT 3 will keep doing this until it does send the ID number, or until it has dialed all the numbers (up to 10 total) programmed into the SAT 3.

SAT 3 shall have Ring Down Count Retry when used in Ring Down mode, so that if the called phone does not answer, or the SAT 3 receives a dial tone or busy signal, will cause the SAT 3 to hang up and retry the call. This shall be programmable from 1 to 9 retries.

SAT 3 shall be able to detect short burst DTMF tones of less than 70 milliseconds in duration.

SAT 3 shall be capable of programming through external (optional) hand-held programmer containing numeric keypad and LCD display.

SAT 3 shall be A.D.A. compliant and provide LED indicators for "CALLING" and "TALK". Instructions in Braille are (optionally) available for the sight impaired.

SAT 3 case materials shall be made of double wall aluminum shell with stainless steel faceplate (stainless steel shell- optional).

SAT 3 case shall be surface, flush or post mount capable.

All specifications are subject to change without prior notice, at any time.

