

## Securitex Auto Dialer system

### Overview of SFAS83+2TEL

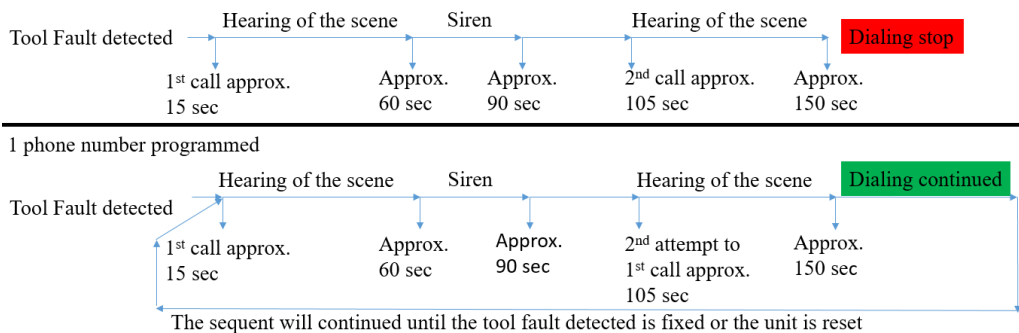
Securitex Fault Auto Dial monitoring system is a fully customized system that consist of 3 modular units (Power Supply-PS, Fault Relay Module-FRM & Automatic Dial System-ADS). Built-in power supply system will supply power to the whole system. During Fault Detection when the fault relay module switch state the SFAS83+2TEL can dial out 1<sup>st</sup> and 2<sup>nd</sup> key holder mobile / landline phone in sequent depend on how many phone number is programmed into the system. If the display phone has Caller ID the SFAS83+2TEL land line Caller ID number can be display on the phone.

### Monitoring Machine when fault will sent a 24VDC to the SFAS83+2TEL Fault Relay Module.

The above system when integrated to the machine that is to be monitored control panel 12/24VDC tower fault light, it will detect the light activation and with the 12/24VDC Fault Relay connected to this light the relay will sent a contact to the SFAS83+2TEL at site and will dial to the 1<sup>st</sup> and 2<sup>nd</sup> Key Holder Receiver Phone.

### Auto dial sequence (above system designed is subject the change without notice)

1. Fault detected.
2. System Automatic dial 1<sup>st</sup> number within 15 sec.
3. First Key Holder Receiver Phone Number pick up call after seeing the Caller ID. 1<sup>st</sup> number can hear the back ground sound for 45 sec or hang up the call.
4. 45 sec later the device will call the 2<sup>nd</sup> Key Holder Receiver Phone Number, the 2<sup>nd</sup> Key-holder Receiver can pick up the call after seeing the caller ID number and hear the back ground sound for 45 sec or hang up the call.
5. If the fault is resolve at the tool, the system will stop calling.
6. If the fault is still not resolve the system will keep calling non-stop to the 1<sup>st</sup> and 2<sup>nd</sup> Key Holder Receiver Phone Number until the fault is resolve.
7. Key-holder Receiver phone number programming is at the system keypad. There is no software and PC needed.



### Note on 1 phone number programed into the system.

If only 1 phone number is pre-programmed into the system, the system will call as follows:

1. System Automatic dial 1<sup>st</sup> number within 15 sec.
2. 1<sup>st</sup> Key Holder Receiver Phone Number pick up call after seeing the Caller ID. 1<sup>st</sup> number can hear the back ground sound for 45 sec or hang up the call, the system will then continue to go through the programming sequent unit complete approximately 150 sec.
3. If the fault is resolve at the tool, the system will stop calling.
4. If the fault is still not resolve the system will keep calling non-stop to the 1<sup>st</sup> Key Holder Receiver Phone Number until the fault is resolve.

### How to program the 1<sup>st</sup> and 2<sup>nd</sup> phone number into the Securitex Fault Auto Dial monitoring system

The system has 3 positions ON/OFF power switch (ON/OFF switch on the side of the auto dialer unit)

- (1) Position "1" (middle part): Calling the programmed number without siren.
- (2) Position "2" (upper part): Siren sounds approximately 30 seconds after the first calling.
- (3) Position "3" (lower part): Turn of the dialer and for program of phone number.

Ensure the system is connected into the landline telco wall socket.

### How to input the phone number or pager number

- a. Input the telephone number at the POWER SWITCH "OFF"
- b. It calls up to 2 different contact numbers. Enter first number in "Key A" and the second number in "Key C"
- c. It will sound when the key is press.
- d. Informing through telephone, enter the area code for inputting different area phone number.
- e. Informing through pager, enter the number in the "Key A and B"

### When to use the Reset Key?

1. Re-entering the phone number
2. Not able to enter phone numbers on the keypad
3. Cannot function.

### How to enter Numbers?

- a. Input the 1<sup>st</sup> telephone/mobile/dect phone number into Key "A"  
Press the memory button (M)  
Enter the mobile number (example: 91234567)  
Press the Key "A" to confirmed.
- b. Input the 2<sup>nd</sup> telephone phone number into Key "C"  
Press the memory button (M)  
Enter the mobile number (example: 61234567)  
Press the Key "C" to confirmed.

**Note:**

The 1<sup>st</sup> and 2<sup>nd</sup> phone number when programmed into the system memory A & C will remain in the system automatic dial memory as long as the system 5VDC power is ON.

In the event that the 5VDC power is OFF for more than 5 minutes. The 2 telephone number will be deleted by the system and the user will need to re-insert the 2 telephone number as per above [How to enter numbers](#).

To ensure the system can dial out when there is fault on the monitoring machine or detection of power trip. PRESS the TEST BUTTON when you want to confirmed that the system can dial.

**Note:**

The above system is design in such a way that once the auto-dialer is trigger due to trip or loss of power, the auto dialer will continue to dial the pre-programmed phone number in sequent non-stop until the power loss or fault has been resolve. This feature is only applicable if only 1 phone number is programmed into the system.

If the dialer is programmed with 2 phones number than the system will dial- 1<sup>st</sup> number and then followed by 2<sup>nd</sup> number in sequent until the fault or power loss has been resolved.

**Securitex Power Trip auto-dialer system**

The Securitex Power Trip auto-dialer system comes with 1, 2 or 3 built-in 230VAC 2 poles relay that will switch state when the equipment like the electrical appliance or even Koi pond fish pump trip due to power outage. The system is designed to detect all electrical equipment stop and in turn trigger the auto-dialer unit to call the 1 or 2 pre-programmed phone number to inform the key-holder of the power outage. We have also incorporated 3 units of relay bypass switch just in case any of the 3 monitoring equipment need to put out of service for a long time. A TEST switch is also built-into the auto-dialer unit so that operator can test the system periodically. The specially fabricated UPS ensure that the system continue to function even in a power outage for up to.

The system has 3 positions ON/OFF power switch (ON/OFF switch on the side of the auto dialer unit)

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- (2) Position "2" (upper part): Siren sounds approximately 30 seconds after the first calling.
- (3) Position "3" (lower part): Turn of the dialer and for program of phone number.

Ensure the system is connected into the landline telco wall socket.

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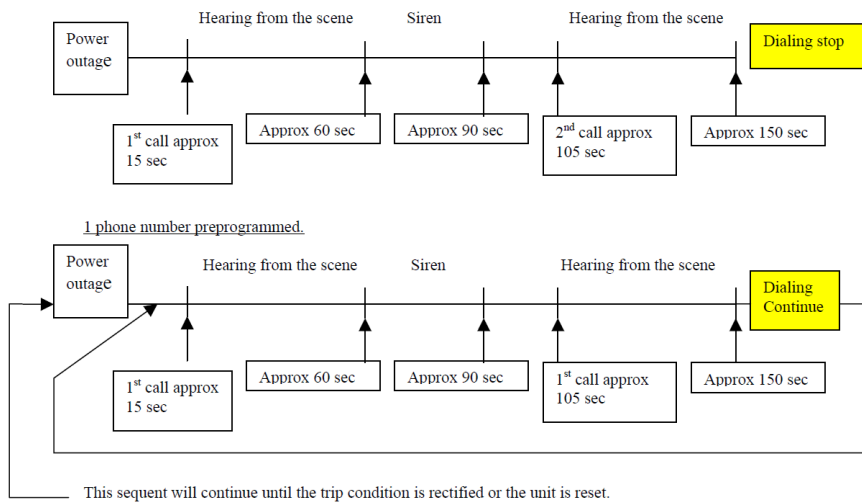
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  - Press the memory button (M)
  - Enter the mobile number (example: 91234567)
  - Press the Key "A" to confirmed.
- b. Input the 2<sup>nd</sup> telephone phone number into Key "C"
  - Press the memory button (M)
  - Enter the mobile number (example: 61234567)
  - Press the Key "C" to confirmed.

2 Phone number programmed



The above show the process & time when the system first detect the tripped

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To ensure the system can dial out when there is fault on the monitoring machine or detection of power trip. PRESS the TEST BUTTON when you want to confirmed that the system can dial.

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