



# SECURITEX INDUSTRIAL AUTOMATION



**SECURITEX-Schedule-Alarm-102** is a fully automatic industrial break time alarm system that is used to solve the common daily problem of manually ringing alarm. The system operates automatically on time every time or when required for TEA-BREAK or LUNCH BREAK etc. Unlike other SIREN Systems on the market, **SECURITEX-SCHEDULE-ALARM-102** is a fully custom developed ALARM System specifically designed for automating the factory, office and school. From the most basic schedules to the most complex. Different time schedule can be implemented in minutes and schedule changes in seconds. **SECURITEX-SCHEDULE-ALARM-102** has a unique TIMER SETUP that's based around a clear and easy to follow schedule setup just by pressing a few button on the CLOCK module. Whether your factory operates a manual system, audio based, industrial electronic timer or is controlled by your Alarm companies, SECURITEX-SCHEDULE-ALARM-102 beats them all with accuracy, functionality, ease of setup, flexibility and running costs. The best part of this system is that the designed is standalone, portable and only need to have a 230VAC 13amp power mains to operate from. Its built-in power supply and rechargeable battery ensure that even when the main power trip the system will still function. The system without the main AC power source can operate for more than 5 days. Because it is mobile in nature, the system can be carry around to be use in construction site, factory, manufacturing yard, fabrication facilities and open space where large group of workers break time need to be announce.

### Specification

System input voltage	: 230VAC 13amps
System operation voltage	: 12VDC 3amps
Uninterrupted power supply	: Yes built-in 12VDC 3amps with 12VDC 7000mah rechargeable battery
Siren / Alarm	: 12VDC (other voltage can be requested)
Timer Voltage	: 12VDC
Timer built-in battery	: Yes to retain the setting when power is down.
Timing range	: 1 to 168 hours
Memory	: 90 days
Event	: 16 schedule.
Hysteresis	: 2 Sec / 24 hrs
Accuracy	: To the minute.

### Schedule Day Combination (total 15)

1.	MON	TUE	WED	THUR	FRI	SAT	SUN
2.	MON						
3.		TUE					
4.			WED				
5.				THUR			
6.					FRI		
7.						SAT	
8.							SUN
9.	MON	TUE	WED	THUR	FRI		
10.						SAT	SUN
11.	MON	TUE	WED	THUR	FRI	SAT	
12.	MON	TUE	WED				
13.				THUR	FRI	SAT	
14.	MON		WED		FRI		
15.		TUE		THUR		SAT	

### Programming the timer

#### A. Button Function

1. **PROG** : Program review & setting program
2. **MANUAL** : To select ON/AUTO/OFF
3. **CLOCK** : To set the Day and Time
4. **WEEK** : To set the day of the week
5. **HOUR** : To set the hour
6. **MIN** : To set the minute
7. **R** : Reset timer setting (Press R button to reset Timer before programming)
8. **LED** : To indicate ON/OFF status
9. **RECALL** : To cancel the preset program

#### B. Adjusting Clock

- Press and hold **CLOCK** and then press **WEEK** button, **HOUR** button, **MIN** button respectively to adjust the clock timing and date.
- Press **CLOCK** button over 3 seconds to show PM or AM (In 24 Hours Format LCD screen will indicate 0:00-23:59)

#### C. Programming of Timer

- Press **PROG** button. LCD will show 1<sup>ON</sup>
- Press **WEEK** button to select any 15-combination of daily program to your needs.
- Press **HOUR**, **MIN** respectively to set the desired **HOUR** and **MIN** for 1<sup>ON</sup>.
- After finished setting of 1<sup>ON</sup>. Press **PROG** button again and 1<sup>OFF</sup> will appear on the LCD screen
- Repeat the Schedule Time Programming from 1 – 16
- When Finish Press **CLOCK**.

### Optional Feature

#### Office application

The **SECURITEX-Schedule-Alarm-102** can be use in a large office environment as we can customised the system to play chime or music or even activate the MP3, DVR player and even activate Public address system.

#### Industrial application

In the industrial factory, shipyard, refinery, oil and gas premises the system can be integrated to the facilities announcement system, plant siren system and emergency activation system where the system can be manually trigger to activate the facilities siren system.

#### Construction site application

In large scale construction site the system can be installed to activate emergency siren within the construction site during emergency situation.

#### Customised for special application

This system can also be reconfigured to become an emergency siren system where in an emergency on the site an external non-schedule activation can be executed by using a remote control or 3G via SMS. When activation occurred emergency light can be switch on via remote from the **SECURITEX-Schedule-Alarm-102**.

**Feel Free to contact us if your side need special application on the system.**

Designed, manufactured and distributed by:

SECURITEX ELECTRONIC SYSTEMS ENGINEERING

Block 9010 Tampines Street 93 #04-145 Tampines Industrial Park A Singapore 528844

T: 67852171 F: 65850107 W: [HTTP://WWW.SECURITEX.COM.SG](http://www.securitex.com.sg) E: [SALES@SECURITEX.COM.SG](mailto:SALES@SECURITEX.COM.SG)