

Your "SUPER-TRACER" Security System - zone description and pattern allocation –

Premises:

There are **EIGHT** working zones on your alarm system. These **EIGHT** zones correspond to the following areas in the house.

ZONE 1. _____ ZONE 5. _____

ZONE 2. _____ ZONE 6. _____

ZONE 3. _____ ZONE 7. _____

ZONE 4. _____ ZONE 8. _____

Zone allocation for each level (mark with a cross)

	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 6	ZONE 7	ZONE 8
Level "A"								
Level "B"								
Level "C"								
Level "D"								

Perimeter:

There are also **EIGHT** optional perimeter sectors on your alarm system. These **EIGHT** sectors correspond to the following

SECTOR 1 _____ SECTOR 5 _____

SECTOR 2 _____ SECTOR 6. _____

SECTOR 3 _____ SECTOR 7 _____

SECTOR 4 _____ SECTOR 8 _____

Perimeter sector allocation for each level (mark with a cross)

	SECTOR 1	SECTOR 2	SECTOR 3	SECTOR 4	SECTOR 5	SECTOR 6	SECTOR 7	SECTOR 8
Level "A"								
Level "B"								
Level "C"								
Level "D"								

MANUFACTURER'S NOTE

Congratulations !! You are now the owner of one of the most sophisticated and featured alarm systems in South Africa. The "SUPER-TRACER" system has evolved over the last 15 years, during which time the STATE OF THE ART technology was continuously applied and manufacturing perfected. This latest model has been developed with the End-user, insurance companies and corresponding armed response pre-requisites in mind - it is user friendly, it is versatile, it encompasses all latest features and requirements of a modern alarm system and above all, it is 100% a South African product. We trust it will serve you well and afford you complete peace of mind, whether at home or away

DATE OF INSTALLATION: _____

INSTALLED BY: _____

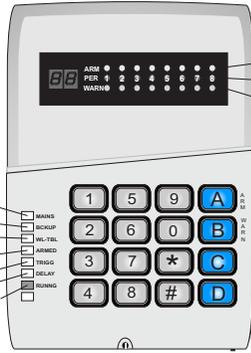
CONTACT NUMBER: _____



SUPER TRACER user manual

OPERATION

After the installation completed the remote KEYPAD/DISPLAY/S should indicate the following:
 Note: Some of the warning (yellow) lights may temporarily be ON to indicate that some of the zones (doors, windows or motion detectors) are still activated or settling down.



"ARMED" indication = OFF
 "PERIMETER" indication = OFF
 "WARNING" indication = OFF

"MAINS" indication = OFF
 "SYSTEM LOW BATTERY" indication = OFF
 "LOW BATTERY" in sensors indication = OFF
 "SYSTEM ARMED" indication = OFF
 "TRIGGERED" indication = OFF
 "DELAY" indication = OFF
 "RUNNING" indication = FLASHING

Note:
MAINS, BCKUP, WL_TBL, TRIGG and DELAY indications can individually be made to beep together with the corresponding display. (This can only be changed by the installer)

ARMED ZONES 1 TO 8

The **RED lights** indicate which of the zones are armed.
 - A steady light indicates that the zone is permanently armed (24 hrs).
 - A running light indicate which zones are being monitored for an alarm condition.

PERIMETER SECTORS 1 TO 8

The **GREEN lights** indicate which of the PERIMETER sectors are in warning mode.

WARN ZONES 1 TO 8

The **YELLOW lights** indicate which of the zones are in warning mode.
 - The running lights indicate which zones are being monitored for a warning condition.
 - A steady light indicates that the zone is currently activated.

This gives you the facility, when leaving your home to check if any windows or doors were left open.

MAINS	MAINS FAILURE indication: This indicator will be on to indicate that either there is an AC power failure or that the transformer supplying power to the system has been accidentally unplugged.
BCKUP	SYSTEM BATTERY LOW indication: The system's battery is left with only 80% of its nominal capacity. (Check mains)
WL-TBL	WIRELESS-DETECTOR BATTERY-LOW/TAMPER indication: This light will be activated by "poor condition" of the battery in the wireless sensor shown by the digit display. (Change the battery in the sensor indicated).
ARMED	SYSTEM ARMED indication: This light is on whenever the system is either armed or set on warning mode.
TRIGG	SYSTEM TRIGGERED indication: This flashing light warns you that an alarm activation has occurred while you were away.
DELAY	ENTRY/EXIT DELAY indication: It is often required that some of the zones activate only after a preset time delay. This is done when you, the user, would like to keep the arm/disarm REMOTE CONTROL in the house rather than carrying it around at all times. This light will warn that you have initiated a time delay on one of the zones and that you have a limited time (programmable) to reach the REMOTE CONTROL or the KEY-PAD and disarm the system.
RUNNG	SYSTEM RUNNING indication: This light reassures you that the system is running correctly. If this indicator does not flash regularly, please contact your installer.

MULTI-USER Operation (ZONE-SHARING):

One important feature of MULTI-TRACER is its ability to operate in MULTI-USER or ZONE-SHARING mode. **(This option is set in the option register 1- Page 8 of the installation manual by the installer)**
 This mode allows up to 4 users to independently operate the same control panel and accessories. In this mode USER 1 (who normally has special rights) is replaced by a user 5 who has the same rights as users 2, 3 and 4. USER 6, 7, 8, 9 & 10 are not available in this mode. Understanding how the zone-sharing concept works is simple, just remember the following:

Assume that users 2 and 3 are sharing some zones....

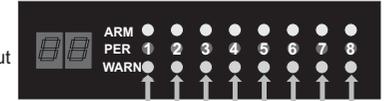
-To DISARM shared zones think of the OR function (e.g. EITHER user 2 OR user 3 can disarm)

-To ARM shared zones think of the AND function (e.g. BOTH user 2 AND user 3 must arm)

It is possible to provide each user with a specially coded remote control. (Ask your installer about it.)

EXAMPLE:

USER 2 has access to zones 2, 3 and 4 in common with user 3
 USER 3 has access to zones 6, 7 and 4 in common with user 2
 ZONE 4 can be activated only if user 2 AND 3 have armed it, but can be deactivated either by user 2 OR 3.



OPERATION	USER CODE	PATTERN	1	2	3	4	5	6	7	8
ARM PRESET PATTERN "B"	2 2 2 2 # A		○	●	●	○	○	○	○	○
DISARM PRESET PATTERN "B"	2 2 2 2 # #		○	○	○	○	○	○	○	○
ARM PRESET PATTERN "C"	X3 X3 X3 X3 # A		○	○	○	●	●	○	○	○
DISARM PRESET PATTERN "C"	X3 X3 X3 X3 # #		○	○	○	○	○	○	○	○
ARM PRESET PATTERN "D"	X4 X4 X4 X4 # A		○	○	○	○	○	○	●	●
DISARM PRESET PATTERN "D"	X4 X4 X4 X4 # #		○	○	○	○	○	○	○	○
ARM PRESET PATTERN "A"	X5 X5 X5 X5 # A		●	●	○	○	○	○	○	○
DISARM PRESET PATTERN "A"	X5 X5 X5 X5 # #		○	○	○	○	○	○	○	○
Every time one of the users arms/disarms the system, the new condition is reported to the control room.										
MULTIPLE ENTRIES ARE ALLOWED (ONLY WITHIN ALLOWED MASK IN MULTIUSER)			2 2 2 2 # 1 3 5 A							
SET TO WARNING (YELLOW LEDS)			2 2 2 2 # B							

CHANGE CODE OF USER 2	2 2 2 2 #	EXISTING USER 2 CODE	?	?	?	?	#	NEW CODE (4 DIGITS)
THE NEW CODE WILL BE PLAYED BACK ON THE DISPLAY. - PRESS "*" TO ACCEPT THE NEW CODE - ANY OTHER KEY WILL ENTER A NEW CODE.								
CHANGE CODE OF USER 3	3 3 3 3 #	EXISTING USER 2 CODE	?	?	?	?	#	NEW CODE (4 DIGITS)
CHANGE CODE OF USER 4	4 4 4 4 #	EXISTING USER 2 CODE	?	?	?	?	#	NEW CODE (4 DIGITS)
CHANGE CODE OF USER 5	5 5 5 5 #	EXISTING USER 2 CODE	?	?	?	?	#	NEW CODE (4 DIGITS)

THE REMOTE CONTROL



The remote controls are supplied with either 1, 2 (standard) or 4 buttons:

- **BUTTON A** is used for **Emergency/Panic**.
- **BUTTON B** is used to **arm, disarm, and reset** the system.
- **BUTTON A & B** pressed **together** will send a **test** signal to the control room (only with radio or tele-communicator)
- **BUTTON B & C** pressed **together** will activate the lights (IF IMPLEMENTED)

REMOTE PANIC BUTTON "A":

- button "A" will **ALWAYS** trigger the **emergency operation and send a "Panic" signal to the control room.**

ARM / DISARM BUTTON "B"

To arm the system : (see table on back page)

Press **BUTTON B**. You now have **four** options: (not with SNIPER models)

- 1- Let the system automatically step through the three levels "A", "B", "C" and **automatically arm level "D"**.
- 2- While stepping through the preset levels press **BUTTON A** to select that level in ARM MODE
- 3- While stepping through the preset levels press **BUTTON A** to select that level in WARNING MODE
- 4- While stepping through the levels press **both buttons** at the same time to access the **CUSTOMER programming mode** (see below) which allows you to change the zone configuration in that pattern.

To disarm the system, (From armed /warning status) press **BUTTON B** until a **two beeps are heard** through the buzzer /siren or the remote display.

NOTE:

- **A single beep will indicate that the system has been armed.**
- When arming, 6 short beeps indicate that one or more of the zones are in the open condition.
- After the warning the system will arm regardless but will not activate if the zone stays open.
- **Two beeps will indicate that the system has been disarmed.**



SECURITY LIGHTS OPERATION (When using a 3 button remote control)

- By pressing buttons B and C on a 3 channel remote control, will activate the security lights relay.
- This will remain on for about 4 minutes or until buttons B and C are pressed together again.
- If the lights are turned on by a sensor (system dip-switch setting) they will remain on for about 4 minutes from the last activation.

CUSTOMER PROGRAMMING MODE (using the remote control)

Note: It is strongly recommended that this be done in consultation with your installer.
If you have entered the programming mode (4 on Page 1) a yellow light will be **ON** for zone No. 1.

The **two remote buttons** have now assumed **different roles** where **BUTTON B** will **toggle** the corresponding red light and **BUTTON A** will **step** to the next zone. In this way it is possible to change the patterns to suit new requirements. An error may be easily rectified using **BUTTON A** to toggle back or **BUTTON B**, to step right around. To leave the programming mode **PRESS BOTH BUTTONS TOGETHER** (BUTTON A & BUTTON B). Should you loose your remote, call your installer to replace the remote and change your code.

AUTO - ARMING (if enabled)

When the auto-arming feature is enabled (programmable for **2 hours or 15 minutes by installer**) the system will arm itself if no movement or any other activations have been detected within the selected time period. This function is useful when you forget to arm your alarm system. The system will arm itself 15 min / 2 hours after you have left the house or went to bed. You can turn the auto-arming on and off as you please.

Note: Entry / Exit will only function correctly if Zone 1 is the last zone triggered when you leave your premises. Level 'A' will be the "at home /sleep" arming pattern and Level 'D' the "away" arming pattern.

THE KEYPAD

Each keypad can store up to ten 4-digit user codes. Each code performs different tasks

USER 1 CODE: factory default 1111

The user 1 code allows the following operations:

- Select any of the 4 preset patterns
- Select any of the individual zones
- Reset the system / alarm
- Display the logged record of the last 255 alarm activations
- Change his / her own password and those of users 2 - 10

USER 2, 3, 4 & 5 CODES:

User codes 2, 3, 4 and 5 allow the following operations:

- Select any of the 4 preset patterns
- Select any of the individual zones
- Reset the system / alarm
- Change his / her own password CODE

USER 6, 7, 8, 9 and 10 CODES:

User CODES 6 to 10 allow the same functions as users 2 to 5 but **CANNOT** change their own passwords, which needs to be set up by the installer or by user 1. These users also **CANNOT** be used in Multi-User mode (refer to page 6)

GENERAL:

NOTES:

- Both entry and exit delays will be indicated by an intermittent bleeper (if selected)
- Running LEDs on the display indicate zones being monitored
- Steady LEDs on the display indicate permanently armed zones
- To silence battery low and mains fail bleeper, hold "0" until the bleeper is switched off

SHORTCUTS:

- Holding * and # will activate a panic signal
- Holding 7 and 9 will turn activate the lights (if connected)
- Holding 4 and 6 will send a test signal to the control room

PLEASE TEST YOUR SYSTEM REGULARLY (ATLEAST ONCE A WEEK) WITH THE CONTROL ROOM

If you are User 1 you can change the Codes of users 2, 3 & 4

CHANGE CODES OF USER 1 TO 10

1 1 1 1 # X ? ? ? ? #

THE NEW CODE WILL BE PLAYED BACK ON THE DISPLAY.
- PRESS * * * TO ACCEPT THE NEW CODE
- ANY OTHER KEY WILL ENTER A NEW CODE.

HOLD TILL BEEP

NEW CODE (4 DIGITS)

USER NO "1,2,3,4,5,6,7,8,9 or A"

If you are User 1 you can enable or disable Auto-arming

If enabled 15min or 2 hrs after the zone 1 was last triggered the system will arm automatically

ENABLE AUTO - ARM

1 1 1 1 # A 1

HOLD BOTH TILL BEEP

NOTE: THIS OPERATION WILL SHOW A * 1 ON THE DISPLAY.

DISABLE AUTO - ARM

1 1 1 1 # A 0

HOLD BOTH TILL BEEP

NOTE: THIS OPERATION WILL SHOW A * 0 ON THE DISPLAY.

New!!

Arming by Users: 1, 2, 3 & 4

OPERATION	USER ? CODE	ZONES	ARM PER WARN
ARM ZONE 1 BY USER 1	1 1 1 1 #	1 A	● ○ ○ ○ ○ ○ ○ ○
ARM ZONE 1 BY USER 2	2 2 2 2 #	2 A	○ ● ○ ○ ○ ○ ○ ○
ARM ZONE ? BY USER 3	3 3 3 3 #	? A	○ ○ ○ ○ ? ○ ○ ○
MULTIPLE ENTRIES AND UPDATING IS ALLOWED	? ? ? ? #	1 3 5 A	● ○ ● ● ○ ○ ○ ○
ARM PRESET PATTERN "A"	? ? ? ? #	A A	● ● ○ ○ ○ ○ ○ ○
ARM PRESET PATTERN "B"	? ? ? ? #	B A	● ● ● ● ○ ○ ○ ○
ARM PRESET PATTERN "C"	? ? ? ? #	C A	● ● ● ● ● ● ○ ○
ARM PRESET PATTERN "D"	? ? ? ? #	D A	● ● ● ● ● ● ● ●

Set Warning by Users: 1, 2, 3 & 4

SET TO WARNING ZONE 1	? ? ? ? # 1	B	● ○ ○ ○ ○ ○ ○ ○
SET TO WARNING PRESET "A"	? ? ? ? # A	B	● ● ○ ○ ○ ○ ○ ○
MULTIPLE ENTRIES AND UPDATING IS ALLOWED	? ? ? ? #	1 3 5 B	● ○ ● ● ○ ○ ○ ○

Disarming and Resetting by Users: 1, 2, 3 & 4

DISARM ALL ZONES	? ? ? ? # #	ALL OFF!	○ ○ ○ ○ ○ ○ ○ ○
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If you are User 1 you can change the "Follow-me" tel. Number

TO PROGRAM THE "FOLLOW-ME" TEL. NO.	1 1 1 1 #	C # ? ? . . . ? ? #	HOLD TILL BEEP
TO DISPLAY THE "FOLLOW-ME" TEL. NO.	1 1 1 1 #	C *	HOLD TILL BEEP

BYPASSING ZONES WHILE ARMED

OPERATION	USER ? CODE	ZONES	ARM PER WARN
BYPASS ZONE 1 BY USER 1	1 1 1 1 #	1 A	○ ● ● ● ● ● ● ●
BYPASS ZONE 2 BY USER 2	2 2 2 2 #	2 A	● ○ ● ● ● ● ● ●
BYPASS ZONE ? BY USER 3	3 3 3 3 #	? A	● ● ● ● ? ● ● ●
MULTIPLE ENTRIES AND UPDATING IS ALLOWED	? ? ? ? #	1 3 5 A	○ ● ● ● ○ ● ● ●

LIST OF USEFUL "QUICK SINGLE AND DOUBLE-KEYS"

New!! QUICK WARN LEVEL A	* A	HOLD BOTH TILL BEEP	QUICK ARMING LEVEL A	A	HOLD TILL BEEP
New!! QUICK WARN LEVEL B	* B	HOLD BOTH TILL BEEP	QUICK ARMING LEVEL B	B	HOLD TILL BEEP
New!! QUICK WARN LEVEL C	* C	HOLD BOTH TILL BEEP	QUICK ARMING LEVEL C	C	HOLD TILL BEEP
New!! QUICK WARN LEVEL D	* D	HOLD BOTH TILL BEEP	QUICK ARMING LEVEL D	D	HOLD TILL BEEP
PANIC ACTIVATION	* #	HOLD BOTH TILL BEEP			
SEND TEST TRANSMISSION	4 6	HOLD BOTH TILL BEEP			
SWITCH LIGHTS ON/OFF	7 9	HOLD BOTH TILL BEEP			
MEDICAL	1 3	HOLD BOTH TILL BEEP			

SECTIONAL PERIMETER INTRUSION System (S.P.I.)

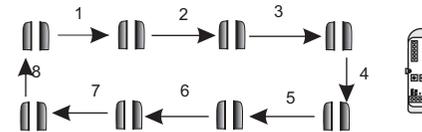
An extra 8 perimeter beams can be connected to the new SUPER-Tracer-Combo. The unit will monitor these perimeter beams and indicate which beam was triggered. The activation of the beams will only sound locally and **will not** report the activation to the control room.

The perimeter beams can be armed by following this procedure:

(Note: For this feature to work correctly you need to do the following:

- 1- The beams used must be programmed and be functional (aligned)
- 2- The SPI System option must be enabled by the installer - page 10.
- 3- The number of active sectors / beams must be programmed by the installer - page 10

New!!



ARM PERIMETER SECTIONAL BEAMS	1 1 1 1 # 0	1 3 #	ARM PER WARN	1 2 3 4 5 6 7 8	● ○ ○ ○ ○ ○ ○ ○
SET SENSITIVITY LEVELS FOR EACH SECTION	1 1 1 1 # 9	Device NO	Level	1 #	○ ○ ○ ○ ○ ○ ○ ○
Use the table to select the level (interruption time before alarm)					
				1=0.3 Sec	5= 2 Sec
				2=0.5 Sec	6= 5 Sec
				3=0.8 Sec	7=10 Sec
				4=1.2 Sec	8=20 Sec

WIRELESS ZONE SUPERVISION TEST

(Please note: Both the "Wireless Zone supervision" option and the active wireless zones need to be enabled by the installer before this function will work correctly.)

The SUPER-TRACER is capable of reporting a faulty wireless detector.

To display the faulty (non reporting) wireless detector press and hold the * key until it beeps

New!!

WIRELESS ZONE SUPERVISION



An "F" is shown on the display.



Faulty detector shown on the ARM Leds