Zone 1   Ready
Zone 2   Armed
Zone 3   System
Zone 4

1	2	3
4	5	6
7	8	9
*	0	#	ACCESS

TOP COP
TC5000

TOP COP®

INTRUDER ALARMS

TC5000
OPERATING INSTRUCTIONS

TOP COP®

INTRUDER ALARMS

MASTER CODE

The 4 digit Master Code is used to arm and disarm the security system, to program additional security codes and to change other system features. The Master Code will be supplied to you by your installer. All keypad entries are made by pressing one key at a time. (See Additional Codes section)

ARMING THE SYSTEM

Check the following items before arming the system:

SYSTEM LIGHT

If the "System" light is ON, this indicates a memory, bypass or trouble condition. Check condition before arming system. (To view conditions, see the Zone Bypassing, Trouble Conditions and Alarm Memory sections).

READY LIGHT

If the "Ready" light is NOT ON, check to see that all doors and windows are closed and that motion is stopped in areas covered by motion detectors. The system cannot be armed unless the "Ready" light is ON indicating that all zones are closed.

NOTE: *The system may be armed with a zone bypassed or a trouble present but your security protection may be reduced.*

TO ARM

Enter your 4 digit access code. As each digit is entered, the keypad sounder will beep. If the correct access code is entered, the keypad sounder will beep quickly and the "Armed" light will come ON.

If the access code was entered incorrectly, the keypad buzzer will beep steadily for 2 seconds. If this occurs, press the [#] key once and re-enter the access code.

When the correct access code is entered and the "Armed" light comes ON, exit the premises through the door indicated by your installer as the Exit-Entry door.

At the end of the exit delay period, all lights, except the "Armed" light, will go out and the system will be armed. The exit time delay can be adjusted by your installer to suit your requirements.

ALARM MEMORY DISPLAY

If the "System" light is ON, an alarm has occurred during the last armed period. The alarm memory will automatically be displayed when the system is disarmed (See Disarming the System).

Press [✱] then [3] to display the zone or zones which caused the alarm.

Press [#] to return to Ready.

NOTE: *The alarm memory is cleared each time the panel is armed so that any alarms showing are alarms that occurred only during the last armed period.*

IF AN ALARM SOUNDS

INTRUSION ALARM

If an intrusion alarm sounds (continuous Bell/Siren), the alarm may be silenced by entering your access code. Transmission to the monitoring station will **not** be interrupted by silencing the alarm. If the alarm was unintentional, call the monitoring station or local authorities immediately to avoid an unnecessary response.

You can determine the source of the alarm by following the instructions in the Alarm Viewing section of this manual. Once the source of the alarm has been corrected, the panel can be restored to its original armed state.

ZONE BYPASSING

Use zone bypassing when you wish to remain in part of the protected area while the system is armed. Bypassed zones will not cause an alarm. Zones that are temporarily out of service due to damaged wiring or contacts may be bypassed to allow system arming (partial protection) until repairs can be made. Zones cannot be bypassed after the system is armed.

TO BYPASS ZONES:

Enter [✱][1][Zone number(s) to be bypassed]

Enter zone number(s) as single digits (1-4).

As each zone is bypassed, the zone light will come ON. If a zone is bypassed in error, press that zone number again and the zone light will go OFF indicating that the zone is not bypassed.

Press [#] to return to Ready.

TO RECALL LAST GROUP OF ZONES BYPASSED:

Enter [✱][1][9]

Zone lights for the last group of zones bypassed will come ON to show which zones were bypassed. If you wish to add or delete a zone from the group, press [#] to exit then go to zone bypass as described above.

Press [#] to return to Ready.

ZONE BYPASSING
(CONTINUED)

For security reasons, your installer may prevent the bypass command from working on certain zones. The "System" light is ON as long as ONE or more zones are bypassed. Be sure that the system is not armed with zones unintentionally bypassed.

Zone bypasses are automatically cancelled each time the system is disarmed.

VIEWING TROUBLE CONDITIONS

The TC5000 continuously monitors a number of possible trouble conditions. If a trouble condition occurs, the keypad will beep twice every 10 seconds and the keypad "System" indicator will light. Pressing any key on the keypad will silence the sounder but the "System" light will remain ON until the trouble condition is cleared. If you cannot determine the cause of the trouble condition, contact your installer for assistance.

To view type of trouble:

Press [✱][2] to display the type of trouble. A zone light will come on to indicate which type of trouble exists.

Press [#] to return to Ready.

LIGHT	TYPE OF TROUBLE
1	Low or disconnected standby battery
2	Loss of AC power (Loss of AC power will turn on the trouble light but keypad sounder will not sound)
3	Fuse open (bell/siren)
4	Zone return wiring trouble
"Ready"	Not used to indicate trouble conditions
"Armed"	Loss of time on the system clock

KEYPAD ZONES

An Emergency alarm is activated by pressing the [1] and [3] keys at the same time. The Emergency alarm sounds the bell/siren in a pulsed mode. A transmission will be sent to the monitoring station **only** if it has been programmed to do so by your installer.

"AT HOME" ARMING

Simply press the [✳] button then the number [9] and then your code. This will eliminate the entry delay from any zones programmed with a delay. An instant alarm will be created if one of the zones are tripped during the armed period.

ACCESS BUTTON

Unit must be armed in the "At Home" mode. To allow entry or exit, press and hold the [#] key. Open door to allow exit or entry; close door and then release the key. Should you release the key while the door is open, the alarm will sound instantly.

TESTING YOUR SYSTEM

It is recommended that you test your system weekly.

NOTE: Perform system tests in the off-peak hours, such as early morning or late evening.

1. Perform a bell/battery test by pressing [✳][6][Master Code][0]. The signal will sound for about 2 seconds. If a trouble occurs after the test, press [✳][2] to view the trouble condition.

2. Activate each sensor in turn (e.g. open a door/window or walk in motion detector areas). Observe the zone light come ON when the zone is activated. The zone light will go OFF when the system restores to normal (i.e. door or window closed).

3. If your system is programmed for communication, test the communication function with the monitoring station. First inform the monitoring station that you intend to test your system. Next, ensure that the "Ready" light is ON. Enter an access code to arm the system. Activate a zone by opening a door or window. Enter access code to disarm the system and silence the alarm. Ask the monitoring station to call back to verify transmission of the alarm.

4. If the panel has a zone programmed for fire, activation will cause the alarm signal to sound in a pulsed mode.

   CAUTION: Do not use an open flame or burn materials to test a smoke detector. Contact your alarm installer for information on safe methods to activate a smoke detector.

5. Should the system fail to operate properly, call your alarm dealer for service.

6. When testing is complete, call and advise the monitoring station.

MAINTENANCE

With normal use, the system requires minimum maintenance. The following points should be observed.

1. Do not wash the keypad with a wet cloth. Light dusting with a damp cloth should remove normal accumulations of dust.

2. The battery/bell test is designed to determine battery condition. However, it is recommended that the standby battery be replaced every three years.

3. For other system devices such as passive infrared, ultrasonic or microwave motion detectors or glassbreak detectors, consult the respective manufacturer's literature for testing and maintenance.

FCC COMPLIANCE

This equipment generates and uses radio frequency energy, and if not installed and used properly, in strict accordance with the manufacturer's instructions, may cause interference to radio and television reception. It has been type tested and found to comply with the limits for a class "B" computing device in accordance with the specifications in Subpart "B" of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in any residential installation. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient the receiving antenna.
- Relocate the equipment with respect to the receiver.
- Move the equipment away from the receiver.
- Plug the equipment into a different outlet so that the equipment and the receiver are on different circuits.

If necessary, the user should consult the dealer or an experienced radio/television technician for additional suggestions. The user may find the following booklet prepared by the FCC useful:

"How to Identify and Resolve Radio/Television Interference Problems"

This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402, Stock # 004-000-00345-4

IMPORTANT INFORMATION

CAUTION: Changes or modifications not expressly approved by the manufacturer could void your authority to use this equipment.

NOTIFICATION TO TELEPHONE COMPANY

Upon request, the customer shall notify the telephone company of the particular line on which the connection will be made, and provide the ringer equivalence of the protective circuit.

Ringer Equivalence Number: 0.0B

MALFUNCTION OF THE EQUIPMENT

In the event that the TC5000 should fail to operate properly, the customer shall disconnect the equipment from the telephone line to determine if it is the customer's equipment which is not working properly, or if the problem is with the telephone company network. If the problem is with the TC5000, the customer shall discontinue use until it is repaired.

TELEPHONE CONNECTION REQUIREMENTS

Except for the telephone company provided ringers, all connections to the telephone network shall be made through standard plugs and telephone company provided jacks or equivalent, in such a manner as to allow for easy, immediate disconnection of the terminal equipment. Standard jacks shall be so arranged that, if the plug connected there is withdrawn, no interference to the operation of the equipment at the customer's premises which remains connected to the telephone network shall occur by reason of such withdrawal.

NOTE: Ensure that plugs and jacks meet the dimension, tolerance and metallic plating requirements of 47 C.F.R. Part 68, Subpart F.

INCIDENCE OF HARM

Should terminal equipment or protective circuitry cause harm to the telephone network, the telephone company shall, where practicable, notify the customer that temporary disconnection of service may be required; however, where prior notice is not practicable, the telephone company may temporarily discontinue service if such action is deemed reasonable in the circumstances. In the case of such temporary discontinuance, the telephone company shall promptly notify the customer and will be given the opportunity to correct the situation. The customer also has the right to bring a complaint to the FCC if he feels the disconnection is not warranted.

CHANGE IN TELEPHONE COMPANY EQUIPMENT OR FACILITIES

The Telephone Company may make changes in its communications facilities, equipment, operations or procedures, where such actions are reasonably required and proper in its business. Should any such changes render the customer's terminal equipment incompatible with the telephone company facilities the customer shall be given adequate notice to the effect of the modifications to maintain uninterrupted service.

GENERAL

This equipment should not be used on coin telephone lines. Connection to party line service is subject to state tariffs.

RINGER EQUIVALENCE NUMBER (REN)

The REN is useful to determine the quantity of devices that you may connect to your telephone line and still have all of those devices ring when your telephone number is called. In most but not all areas, the sum of the RENs of all devices connected to one line should not exceed five (5). To be certain of the number of devices that you may connect to your line, you may want to contact your local telephone company.

EQUIPMENT MAINTENANCE FACILITY

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