



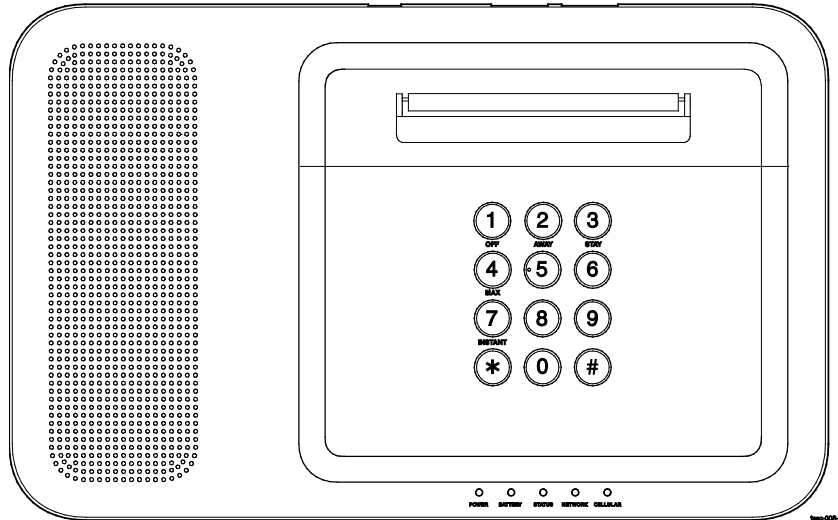
# TSSC-BASE Base Control Unit and TSSC-KP Wireless Bidirectional Alpha Keypad

## User Guide

### BASE FEATURES

#### Display

The TSSC-BASE is a wireless Control Unit that allows you to perform system arming and disarming functions, as well as to monitor the status of your security system.



*TSSC-BASE w/Protective Door Removed*

#### Base unit LEDs

LED	Off	Red	Amber	Green	Flashing Green	Flashing Amber	Flashing Red	Alternating Flashing
<b>POWER</b>	No AC			AC				
<b>BATTERY</b> (see note 1)		Low Battery/ Missing Battery	Charging	Battery - Normal				In Programming - Red
<b>STATUS</b>	Not Ready to Arm	Armed	System Trouble	Ready to Arm	Device Trouble – Can Arm	Device Trouble – Cannot Arm	Alarm/Alarm Memory	In Programming - Off
<b>NETWORK</b> (see note 2)	Not Configured	No Ethernet Link	Link but Not Connected to Alarm Receiver	Ethernet Link				In Programming - Green
<b>CELLULAR</b>	Not Configured	No Connection or Low Signal		Good Signal		Cell but No Data	SIM Error	In Programming - Off

**NOTE 1:** During Sleep Mode only the BATTERY LED is active.

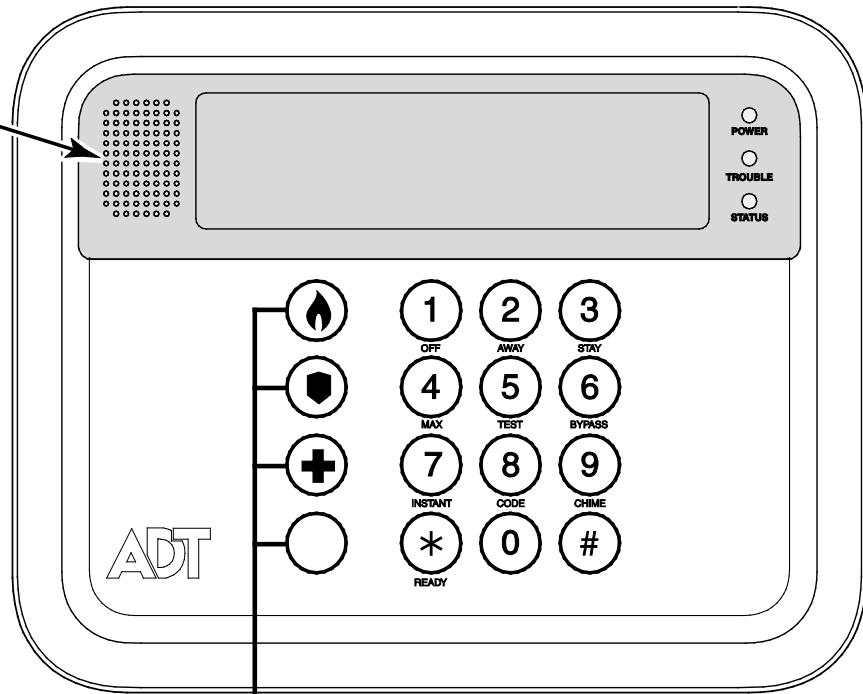
**NOTE 2:** This LED may remain in the Amber state for up to 24 Hours until a report is sent and acknowledged by the central station.

# KEYPAD FEATURES

## Display

The TSSC-KP is a wireless keypad that allows you to perform your security system functions, as well as to display the status of your security system.

**SOUNDER:  
PULSES FOR  
FIRE ALARMS.  
SOUNDS  
CONTINUOUSLY  
FOR BURGLARY  
AND AUDIBLE  
PANIC ALARMS.**



**SPECIAL  
FUNCTION KEYS**

tssc-019-V1

*TSSC-KP w/ Protective Door Removed*

## Keypad LEDs

LED	Off	Red	Amber	Green	Flashing Green	Flashing Amber	Flashing Red	Alternating Flashing
<b>POWER</b>		Low Battery/ Missing Battery (when no AC) (Keypad's battery)	Charging	AC	On Battery – Normal (no AC)		Low Battery (no AC) (Keypad's battery)	In Programming - Red
<b>TROUBLE</b>	In Programming, No Trouble		System Trouble			Device Trouble		
<b>STATUS</b>	Not Ready to Arm	Armed		Ready to Arm			Alarm/Alarm Memory	In Programming - Green

**NOTE:** During Battery Mode only the POWER LED is active.

## KEYS

Access the Base control keys by lifting up the door. Access the Keypad keys by opening the swing-down door. The Base and Keypad keys are continuously backlit for ease of use.

KEY	DESCRIPTION
<b>OFF</b>	Disarms the burglary portion of the system, silences alarms and audible trouble indicators, and clears visual alarm trouble after the problem has been corrected.
<b>AWAY</b>	Completely arms both perimeter and interior burglary protection by sensing an intruder's movements through protected interior areas as well as guarding protected doors, windows, etc. Late arrivals can enter through an entry delay zone (entrance door) without causing an alarm if the system is disarmed before the entry delay time expires.
<b>STAY</b>	Arms the perimeter burglary protection, guarding protected doors, windows and other perimeter protection points, and sounds an alarm if one is opened. STAY automatically bypasses certain areas which permits movement within your house without causing an alarm. Late arrivals can enter through an entry delay zone (entrance door) without causing an alarm if the system is disarmed before the entry delay time expires.
<b>NIGHT STAY</b>	Arms similar to STAY mode, but also arms additional pre-selected sensors for increased protection while staying inside. Late arrivals can enter through an entry delay zone (entrance door) without causing an alarm if the system is disarmed before the entry delay time expires, and they do not violate any of the pre-selected sensor areas. An alarm occurs immediately if anyone enters those areas while armed.
<b>MAX</b>	Arms in manner similar to AWAY mode, but eliminates the entry delay period, thus providing maximum protection. An alarm occurs immediately upon opening any protection point, including entry delay zones (entrance doors). ("Arm Instant," if programmed.)
<b>TEST</b>	(Keypad only) - Tests the system and alarm sounder if disarmed.
<b>BYPASS</b>	(Keypad only) - Removes individual protection zones from being monitored by the system. Displays previously bypassed protection zones.
<b>INSTANT</b>	Arms in manner similar to STAY mode, but eliminates the entry delay period, offering greater security while inside and not expecting any late arrivals. An alarm will occur immediately upon opening any perimeter protection point, including entry delay zones. ("Arm Instant," if programmed.)
<b>CODE</b>	(Keypad only) - Allows assigning user codes that can be given to other users of the system.
<b>CHIME</b>	(Keypad only) - Turns on and off the CHIME mode. When on, any entry through a protected delay or perimeter zone while the system is disarmed will cause a tone to sound at the Keypad(s). <b>IMPORTANT CHIME WARNING NOTE:</b> The Chime feature is intended for convenience and is not intended for life safety purposes or pool alarm and does not meet the requirements of UL 2017.
<b>READY</b>	(Keypad only) – Pressing the READY key at the Keypad prior to arming displays all open protection zones within the Keypad's home partition. This key is also used to display all zone descriptors that have been programmed, by holding the key down at least 5 seconds.
<b>[#]</b>	(Keypad only) - Permits ARMING of the system without using a security code ("Quick Arm", if programmed).
Keys 0-9	Used to enter your individual security access code(s).
Special function keys	Panic alarm activation (Keypad only). The panic alarms are activated by pressing a Special Function Key (see below). Panic key functionality and the type of panic alarms produced is determined by the control panel's capability and programming. <i>(Check with your installer for the availability and assignment of these panic keys.)</i>

### SPECIAL FUNCTION KEYS (KEYPAD ONLY)

The A, B, and C keys located to the left of the numeric keys can be programmed as Panic Alarm Activation keys. *(Check with your installer for the availability and assignment of these panic keys.)*

Key	Function
A	
B	
C	

## GENERAL OPERATION

To make sure the latest system status is displayed, press the [\*] key before and after entering each command.

## HOW TO GET SYSTEM STATUS

The display continuously displays the present security system status. When there is a change in system status (such as going from an ARMED STAY to DISARMED), it may take up to 20 seconds for the display to automatically update the status to show the status change. However, you can press the [\*] key to update the display immediately.

## ARMING THE SYSTEM

To arm the system in the AWAY, STAY, INSTANT or MAX mode, enter your user code and press the numeric key above the selected mode.

## DISARMING THE SYSTEM

To disarm the system enter your user code + OFF key [1].

## BYPASSING ZONES

To bypass an individual zone, enter your user code + BYPASS key [6] + faulted zone number of the zone to be bypassed. To bypass multiple zones, enter the command string (user code + BYPASS key [6]) then sequentially enter the 3-digit zone numbers of the zones to be bypassed, up to five zones in each command. Multiple Zone Bypass Example: user code + BYPASS [6] + 003 004 005 007 009.

If you want to bypass all faulted zones (Forced Bypass), enter your user code + BYPASS key [6] + [#] + [0]. The Forced Bypass feature must be enabled by your installer: [ ] yes [ ] no

## USER CODES

### To Add a User

**IMPORTANT:** Temporary users should not be shown how to use any system function they do not need to know (e.g. bypassing protection zones).

Enter Master code + CODE key [8] + 2-two digit user no. + 4-digit new user's code.

User numbers 02 through 96 are available with various authority levels. User no. 01 is for the Master code.

### AUTHORITY LEVEL:

Enter Master code + CODE key [8] + 2-digit user no. + [#] + [1] + single-digit authority level.

For authority levels, see definitions below.

Level	Title	Explanation
N/A	Master	Reserved for user 01; Can perform all system functions and assign codes.
0	Standard User	Can only perform security functions. Cannot perform system functions reserved for the master user.
1	Arm Only	Can only arm the system. Cannot disarm or do other functions
2	Guest	Can arm the system and bypass zones, but cannot disarm the system <b>unless</b> the system was armed with this code. This code is typically assigned to someone (e.g., babysitter or cleaner) who has a need to arm/disarm the system only at certain times.
3	Duress Code	Intended for use when you are forced to disarm or arm the system under threat. When used, the system will act normally, but can silently notify the Central Monitoring Station of your situation, if that service has been provided.

### To Change a User's Code

**Changing the Master code:** Enter Current Master code + CODE key [8] + 01 + 4-digit new code + 4-digit new code again.

**Changing a User code:** Enter Master code + CODE key [8] + 2-two digit user no. + 4-digit new user's code.

### To Delete a User

Enter Master code + CODE key [8] + 2-digit user code to be deleted + # + 0. A single confirmation tone will be heard and the code is no longer functional.

## CHIME MODE

Your system can be set to alert you to the opening of a door or window while it is disarmed by using CHIME mode. When activated, three tones sound at the Keypad whenever a protected perimeter door or window is opened, and the “Not Ready” message is displayed. Pressing the **READY** [\*] key displays the open protection points.

Note that Chime mode can be activated only when the system is disarmed.

1. **To turn Chime Mode on**, enter the security code and press the **CHIME** key [9].
2. **To turn Chime Mode off**, enter the security code and press the **CHIME** key again.

## KEYPAD TONES

When the Keypad is generating a periodic beep (once per minute), pressing the [\*] key provides more information.

When the system is armed and there is a trouble condition, the Keypad displays “Device Trouble”. Pressing the [\*] key provides more information.

## QUICK EXIT

To start Quick Exit when enabled.

Stay Mode – Enter User code + STAY key.

Instant Mode – Enter User code + INSTANT key

Night-Stay Mode – With the system armed in Night-Stay Mode and the exit delay expired, enter User code + STAY key + STAY key.

## HOST CHECK-IN

If Host Check-In interval is set to 200 seconds, “Download Com/Upload Completed” message is displayed at the Keypad every 200 seconds.

## TEST MODE

Use Test mode to check each protection point for proper operation.

Testing should be conducted weekly to ensure proper operation.

1. Disarm the system and close all protected windows, doors, etc.
2. Enter the Master code + [5] (TEST), then press 1.
3. Listen. The external sounder should sound for about 1 second then turn off.
4. Fault all zones in turn and listen for three beeps from the keypad. ID of each faulted point should appear on the keypad display. The display clears when the zone is closed. Note that if wireless motion detectors are used, there is a 3-minute delay between activations. This conserves battery life.
5. Test all smoke and CO detectors following the manufacturer's instructions and check the display.
6. When all zones have been checked and are intact (closed), there should be no zone identification numbers displayed on the keypad.
7. Exit test mode: security code + [1] (OFF).

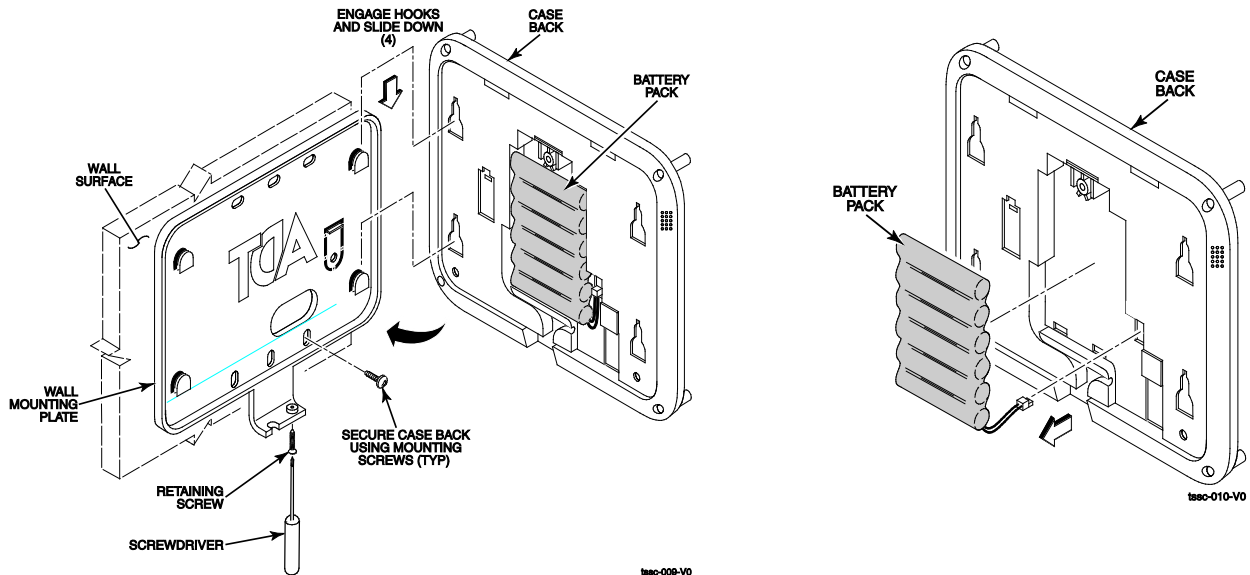
### NOTES:

- The keypad sounds a single beep about every 60 seconds as a reminder that the system is in the Test mode.
- Alarm messages are not sent to your Central Station while Test mode is on.
- If a problem is experienced with any protection point (no confirming sounds, no display), call for service immediately.
- If the test mode is inadvertently left active, it automatically turns off after 30 minutes. During the final five minutes, the keypad will emit a double beep every 30 seconds.

## REPLACING THE BATTERY IN A WALL MOUNTED KEYPAD

1. Remove the retaining screw at the bottom of the Keypad.
2. Press upward with your thumbs on the bottom edge of the Keypad housing and slide the Keypad up with respect to the wall mounting plate, removing the Keypad from the wall mounting plate.
3. Remove the power harness on the old battery pack that connects to the printed circuit board.
4. Lift the old battery pack from the Keypad and replace with the new battery pack.
5. Connect the power harness to the printed circuit board.
6. Replace the Keypad onto the wall mounting plate and secure with the retaining screw.

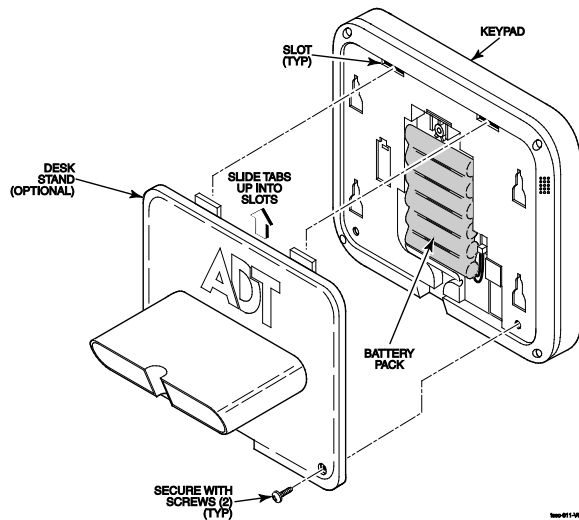
**NOTE:** After replacing the battery and reattaching the Keypad to the mounting plate, enter the 4-digit security code + OFF sequence twice to clear any trouble condition.



## REPLACING THE BATTERY IN A DESK MOUNTED KEYPAD

1. Place the Keypad face down on a level surface.
2. Remove two screws and lift up Desk Stand up and away from the Keypad to expose the battery pack.
3. Remove the power harness on the old battery pack that connects to the printed circuit board.
4. Lift the old battery pack from the Keypad and replace with the new battery pack.
5. Connect the power harness to the printed circuit board.
6. Place the tabs on the Desk Stand into the appropriate slots and secure with two screws.

**NOTE:** After replacing the battery and reattaching the Keypad to the mounting plate, enter the 4-digit security code + OFF sequence twice to clear any trouble condition.



## THE LIMITATIONS OF THIS ALARM SYSTEM

While this system is an advanced design security system, it does not offer guaranteed protection against burglary or fire or other emergency. Any alarm system, whether commercial or residential, is subject to compromise or failure to warn for a variety of reasons. For example:

- Intruders may gain access through unprotected openings or have the technical sophistication to bypass an alarm sensor or disconnect an alarm warning device.
- Intrusion detectors (e.g., passive infrared detectors), smoke detectors, and many other sensing devices will not work without power. Battery-operated devices will not work without batteries, with dead batteries, or if the batteries are not put in properly. Devices powered solely by AC will not work if their AC power supply is cut off for any reason, however briefly.
- Signals sent by wireless transmitters may be blocked or reflected by metal before they reach the alarm receiver. Even if the signal path has been recently checked during a weekly test, blockage can occur if a metal object is moved into the path.
- A user may not be able to reach a panic or emergency button quickly enough.
- While smoke detectors have played a key role in reducing residential fire deaths in the United States, they may not activate or provide early warning for a variety of reasons in as many as 35% of all fires, according to data published by the Federal Emergency Management Agency. Some of the reasons smoke detectors used in conjunction with this System may not work are as follows. Smoke detectors may have been improperly installed and positioned. Smoke detectors may not sense fires that start where smoke cannot reach the detectors, such as in chimneys, in walls, or roofs, or on the other side of closed doors. Smoke detectors also may not sense a fire on another level of a residence or building. A second-floor detector, for example, may not sense a first-floor or basement fire. Moreover, smoke detectors have sensing limitations. No smoke detector can sense every kind of fire every time. In general, detectors may not always warn about fires caused by carelessness and safety hazards like smoking in bed, violent explosions, escaping gas, improper storage of flammable materials, overloaded electrical circuits, children playing with matches, or arson. Depending upon the nature of the fire and/or the locations of the smoke detectors, the detector, even if it operates as anticipated, may not provide sufficient warning to allow all occupants to escape in time to prevent injury or death.
- Passive Infrared Motion Detectors can only detect intrusion within the designed ranges as diagrammed in their installation manual. Passive Infrared Detectors do not provide volumetric area protection. They do create multiple beams of protection, and intrusion can only be detected in unobstructed areas covered by those beams. They cannot detect motion or intrusion that takes place behind walls, ceilings, floors, closed doors, glass partitions, glass doors, or windows. Mechanical tampering, masking, painting or spraying of any material on the mirrors, windows or any part of the optical system can reduce their detection ability. Passive Infrared Detectors sense changes in temperature; however, as the ambient temperature of protected area approaches the temperature range of 90° to 105°F, the detection performance can decrease.
- Alarm warning devices such as sirens, bells, or horns may not alert people or wake up sleepers if they are located on the other side of closed or partly open doors. If warning devices sound on a different level of the residence from the bedrooms, then they are less likely to waken or alert people inside the bedrooms. Even persons who are awake may not hear the warning if the alarm is muffled from a stereo, radio, air conditioner or other appliance, or by passing traffic. Finally, alarm warning devices, however loud, may not warn hearing-impaired people or waken deep sleepers.
- Telephone lines needed to transmit alarm signals from a premises to a central monitoring station may be out of service or temporarily out of service. Telephone lines are also subject to compromise by sophisticated intruders.
- Even if the system responds to the emergency as intended, however, occupants may have insufficient time to protect themselves from the emergency situation. In the case of a monitored alarm system, authorities may not respond appropriately.
- This equipment, like other electrical devices, is subject to component failure. Even though this equipment is designed to last as long as 10 years, the electronic components could fail at any time.

The most common cause of an alarm system not functioning when an intrusion or fire occurs is inadequate maintenance. This alarm system should be tested weekly to make sure all sensors and transmitters are working properly.

Installing an alarm system may make one eligible for lower insurance rates, but an alarm system is not a substitute for insurance. Homeowners, property owners, and renters should continue to act prudently in protecting themselves and continue to insure their lives and property.

We continue to develop new and improved protection devices. Users of alarm systems owe it to themselves and their loved ones to learn about these developments.

## FEDERAL COMMUNICATIONS COMMISSION & INDUSTRY CANADA STATEMENTS FOR TSSC\_BASE

FCC ID: CFS8DLTSSCBASE, IC: 573F-TSSCBASE, IC MODEL: TSSCBASE

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User's Manual. Unauthorized changes or modifications could void the user's authority to operate the equipment.

### CLASS B DIGITAL DEVICE STATEMENT

This equipment has been tested to FCC requirements and has been found acceptable for use. The FCC requires the following statement for your information:

This equipment generates and uses radio frequency energy and if not installed and used properly, that is, 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 Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a 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:

- If using an indoor antenna, have a quality outdoor antenna installed.
- Reorient the receiving antenna until interference is reduced or eliminated.
- Move the radio or television receiver away from the receiver/control.
- Move the antenna leads away from any wire runs to the receiver/control.
- Plug the receiver/control into a different outlet so that it and the radio or television receiver are on different branch circuits.
- Consult the dealer or an experienced radio/TV technician for help.

### INDUSTRY CANADA CLASS B STATEMENT

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

### FCC / IC STATEMENT

This device complies with Part 15 of the FCC Rules, and RSS210 of Industry Canada. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Cet appareil est conforme à la partie 15 des règles de la FCC & de RSS 210 des Industries Canada. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d'interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

### RF Exposure

**Warning** – The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

### Mise en Garde

**Exposition aux Fréquences Radio:** L'antenne (s) utilisée pour cet émetteur doit être installée à une distance de séparation d'au moins 7,8 pouces (20 cm) de toutes les personnes.

## LIMITED WARRANTY

### Terms and Conditions Applying to Sale of Equipment

#### 1. Limited Warranty.

Any part of the system, including the wiring, installed under this Agreement which proves to be defective in material or workmanship within 90 days of the date of completion of installation will be repaired or replaced at ADT's option with a new functionally operative part. Labor and material required to repair or replace such defective components or to make mechanical adjustments to the system will be free of charge for a period of 90 days following the completion of the original installation.

This warranty is extended only to the original consumer purchaser of the system and may be enforced only by such person.

To obtain service under this warranty, call or write our local ADT Service Department at the telephone number or address found in your local yellow pages.

Service pursuant to the warranty will be furnished only during ADT's normal working hours 8:00A.M. to 4:30P.M., Monday through Friday, except holidays. Services rendered outside the normal working hours of ADT are not within the scope of this warranty and any services requested to be performed at such times shall be charged for at ADT's then applicable rates for labor and material.

This warranty does not apply to the conditions listed below, and in the event customer calls ADT for service under the warranty and upon inspection it is found that one of these conditions has led to the inoperability or apparent inoperability of the system, a charge will be made for the service call of the ADT representative, whether or not he actually works on the system. Should it actually be necessary to make repairs to the system due to one of the "conditions Not Covered By Warranty", a charge will be made for such work at ADT's then applicable rates for labor and material.

#### **Conditions Not Covered By Warranty.**

Damage from accidents, acts of God, alterations, misuse, tampering or abuse. **B.** Failure of the customer to properly close or secure a door, window, or other point protected by a burglar alarm device. **C.** Failure of customer to properly follow operating instructions provided by ADT at time of installation or at a later date. **D.** Trouble in leased telephone. **E.** Trouble due to interruption of commercial power. **F.** Battery replacements.

This warranty is in lieu of all other express warranties. Any implied warranties of merchantability and fitness for a particular purpose are limited in duration to a period of 90 days from the date of completion of installation. The exclusive remedy of the customer hereunder shall be repair or replacement as stated above. Under no circumstances shall ADT be liable to the customer or any other person for incidental or consequential damages of any nature, including without limitation, damages for personal injury or damages to property, and, however occasioned, whether alleged as resulting from breach of warranty by ADT, the negligence of ADT, or otherwise, ADT's liability will in no event exceed the purchase price of the system. Some states may not allow limitations on how long an implied warranty lasts, or the exclusion or limitations of incidental or consequential damages, so the above limitations and exclusions may not apply to you, unless a longer period is required by applicable law. Any action against ADT in connection with a system must be commenced within one year after the cause of action has occurred.

No agent, employee or representative of ADT or any other person is authorized to modify this warranty in any respect.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

#### 2. Installation.

ADT agrees to install the equipment in a workmanlike manner in accordance with the following conditions:

Customer will make premises available without interruption during ADT normal working hours 8:00A.M. to 4:30P.M., Monday through Friday, except Holidays. **B.** Customer understands that the installation will necessitate drilling into various parts of the premises: ADT intends, generally, to conceal wiring in the finished areas of the premises; however, there may be areas which, due to construction, decoration, or furnishing of the premises, ADT determines, in its sole discretion, that it would be impractical to conceal wiring and, in such cases, wiring will be exposed. **C.** Customer agrees to provide 110 VAC electrical outlets at designated locations for equipment requiring AC power. **D.** Customer to provide for lifting and replacing carpeting, if required, for installation of floor mats or wiring.

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