

# Touchtalk 2-Way RF Touchpad

Document Number: 466-1595 Rev. C  
March 1999



## Installation Instructions

## Product Summary

The wall-mounted wireless Touchtalk 2-Way RF Touchpad combines a conventional ITI Learn Mode™ touchpad with an RF receiver, speech chip, and voice amplification circuit. The Touchtalk 2-Way RF Touchpad enables you to turn the **SIMON**® security system on and off while in the home, turn lights controlled by the system on and off (all or individual lights), or turn on a system siren and call the central monitoring station if there is a non-medical emergency. It enables the user to hear the same voice feedback as would be heard at the Simon Control Panel.

The voice feedback is heard only at the touchpad that is in use. If the touchpad is talking, the panel is silent; when the panel is talking, the touchpad is silent. The touchpad is not a siren and will not make any alarm sounds or status beeps. This feature extends battery life to the touchpad and gives feedback only to the user who needs it.

The Touchtalk 2-Way RF Touchpad is not supervised and has no tamper detection. A low battery condition is automatically detected by the touchpad and communicated to the control panel.

Control Panel Compatibility: **SIMON**® (Only Version 2 and later [# 60-776])

## Installation Overview

### General Information

The Touchtalk 2-Way RF Touchpad is an alkaline battery-powered, wireless touchpad designed to provide users a convenient option for the following system operations:

- Arm the system (doors, windows, and motion sensors)
- Arm the system with no entry delay
- Disarm the system
- Panic alarm
- Access System Status
- Turn system controlled lights on or off (all or individual)
- Open the garage door or turn outside lights on

**Note:** The voice feedback is heard only at the touchpad that is in use. If the touchpad is talking, the panel is silent; when the panel is talking, the touchpad is silent. The touchpad is not a siren and will not make any alarm sounds or status beeps. This feature extends battery life to the touchpad and gives feedback only to the user who needs it.

### Installation Guidelines

Use the following guidelines when adding this touchpad to the system:

- Touchtalk 2-Way RF Touchpads are learned into the Control Panel as sensors.
- They are programmed as non-supervised sensors using sensor type 01, 03, 06 or 07.
- Each learned Touchpad uses one of the available sensor numbers (24 total sensors/zones can be used with this security panel).
- The Touchtalk 2-Way RF Touchpad is mounted on the wall.

## Programming

For complete programming instructions, refer to the **SIMON**<sup>®</sup> installation instructions. General guidelines for programming this sensor are:

1. Open the control panel cover.
2. Enter Utility Access Code 1 or 2 using the red-numbered buttons.
3. Press Add from the Start Menu.
4. Press the Sensor/Remote button from the Main menu until you hear “touchpad remote.”

The order of names the Control Panel uses are: keychain remote, touchpad remote, front door, back door, garage door, bedroom, guest room, child’s room, utility room, living room, dining room, bathroom, laundry room, kitchen, office, den, garage, special chime, basement, upstairs, downstairs, hallway, medicine cabinet, closet, attic. Each name may be used more than once.

5. Press DONE.
6. Enter the sensor type number (01, 03, 06, or 07) with the red- numbered buttons.

Note: If you wish to use a sensor number other than the next available, enter a 2 digit sensor number with the red numbered keys immediately after entering the sensor type.

7. Press and hold the 2 emergency buttons to trip the sensor.

## Testing Touchtalk 2-Way RF Touchpads

### Perform Sensor Test

The touchpad is sensitive to its orientation to the Control Panel. For that reason, it is recommended that you test the touchpad prior to mounting it on a wall.

The following steps describe the guidelines for testing sensors.

1. Open the Control Panel cover.
2. Enter the Utility Access Code 1 or 2 using the red-numbered buttons.
3. Press the Test button once.
4. Press DONE.
5. Trip the touchpad by pressing and holding the 2 emergency buttons until the Control Panel indicates the number of RF packets received.
6. Note the number of siren beeps indicating how many RF packets the Control Panel received from the sensor. You should hear 7-8 beeps.

We recommend that you test the touchpad after all programming is completed and whenever a touchpad-related problem occurs.

### If a Touchpad Fails the Sensor Test

If sirens do not beep when a touchpad is tripped, use an ITI RF Sniffer (60-401) test tool to verify that the touchpad is transmitting. Constant beeps from the RF Sniffer indicate a runaway (faulty) touchpad. Replace the touchpad.

### To improve sensor communication, you can:

- reposition the touchpad
- relocate the touchpad
- if necessary, replace the touchpad

### To reposition a touchpad:

1. Rotate the touchpad and test for improved communication at 90 and 180 degrees from the original position.
2. If poor communication persists, relocate the touchpad as described as follows.

**To relocate a touchpad:**

1. Test the touchpad a few inches from the original position.
2. Increase the distance from the original position and retest until an acceptable location is found.
3. Mount the touchpad in the new location.
4. If no location is acceptable, replace the touchpad.

**To replace a touchpad:**

1. Test a known good touchpad at the same location.
2. If the transmission beeps remain below the minimum level, avoid mounting a touchpad at that location.
3. If the replacement touchpad functions, contact ITI for repair or replacement of the problem touchpad.

## Mounting the Touchtalk 2-Way RF Touchpad

To mount the touchpad on a wall, do the following:

1. Open the door of the touchpad.
2. Gently pull down on the tab at the bottom of the touchpad to separate the touchpad body from the touchpad mounting plate.
3. Use the two screws included with the touchpad to attach the touchpad to the wall.
4. Reattach the touchpad to the mounting plate.

### Perform Sensor Test After Mounting the Touchpad

Repeat the steps listed in the perform sensor test paragraph on the previous page.

Note: While the sensor test is a valuable installation and service tool, it only tests sensor operation for the current conditions. You should perform a sensor test after any change in environment, equipment, or programming.

Test Touchpad operation by pressing the buttons as described below:

1. Numeric Buttons (0 - 9) - Used to enter an access code or turn individual lights on or off.
2. Disarm Button - The Control Panel is disarmed to level 1. Doors, Windows, and Motion Sensors are disarmed. Disarm also requires the access code to be entered.

3. ARM Doors & Windows Button - The Control Panel is armed to level 2.
4. ARM Motion Sensors Button - The Control Panel is armed to level 3. If the ARM Doors & Windows button was previously pressed, the Control Panel is armed to level 4 (Doors/Windows and Motion Sensors armed).
5. Lights On Button - Pressing this button twice quickly, activates all lights controlled by the system.
6. Lights Off Button - Pressing this button twice quickly, turns off all lights controlled by the system.
7. Emergency Buttons - If learned in as sensor type 01-Intrusion, 03-Silent, 06 or 07-Emergency, when pressed simultaneously, will activate alarm reports to the central station.

### Specifications

Power source: 3 AAA Alkaline batteries

Typical battery life: 3 year

Operating temperature range: 0° to 120° F

Dimensions: H = 5.25" x W = 3.5" x Depth = 1"

### FCC NOTICE

This device complies with FCC Rules Part 15. operation is subject to the following two conditions:

- 1) This may not cause harmful interference.
- 2) This device must accept any interference that may be received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Interactive Technologies, Inc. can void the user's authority to operate the equipment.



WIRELESS

Security  
Automation  
Access Control

**INTERACTIVE TECHNOLOGIES, INC.**

2266 SECOND STREET NORTH  
NORTH SAINT PAUL, MN 55109

T: 651-777-2690

F: 651-779-4890

Changes or modifications not expressly approved by Interactive Technologies, Inc. can void the users' authority to operate the equipment.