GE Security

Dialog QS1500 Touchtalk Interactive Keypad

Installation Instructions

www.gesecurity.com

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Product Summary

Part No. 60-924-3-01

The wall-mounted wireless Dialog QS1500 Touchtalk Interactive Keypad combines a conventional Learn Mode™ keypad with an RF receiver, speech chip, and voice amplification circuit for your Simon 3 ® security system.

The QS1500 Touchtalk Interactive Keypad is an alkaline battery-powered, wireless keypad 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.
- Activate a panic alarm to call the central monitoring station in a non-medical emergency.
- Check system status.
- Turn system controlled lights on or off (all or individual).
- Enables the user to hear the voice feedback that is heard at the Simon 3 Control Panel.

The keypad has two operating modes: key and chime.

In key mode, voice feedback is heard only at the keypad when a system command is entered. Examples of this would be: system status, arming and disarming. In this mode the keypad does not repeat siren sounds and will not make any alarm sounds or status beeps. This feature extends battery life to the keypad and gives feedback only to the user who needs it. When the keypad is in key mode it is compatible with Simon 3 panels version 3.3 and newer.

In chime mode, all voice feedback that is heard in key mode, plus, trouble beeps, entry/exit beeps and alarm sounds (Fire, Aux, Police) are heard at the keypad. The keypad will also respond to panel broadcast messages at multiple keypads. While in chime mode the keypad can be supervised and will send supervision messages to the panel. In chime mode the keypad is compatible with Simon 3 panels version 4.0 and newer

Voice feedback depends on how Simon 3 panel options 41 and 87 are set. See the *Simon 3 Installation Instructions (466-1873)* for more information.

Warning

The keypad has limited audio power. Therefore, the keypad should not be relied on for alarm announcements and is no substitute for an alarm siren.

Voice feedback is heard at all keypads. If the keypad is talking, the panel is silent. When the panel is talking, the keypad is silent.

The keypad has no tamper detection. A low battery condition is automatically detected by the keypad and communicated to the control panel.

Installation

Installation of the QS1500 Touchtalk Interactive Keypad includes guidelines for installing, programming, sensor testing, improving sensor communication and mounting the keypad.

Installation Guidelines

Use the following guidelines when adding this keypad to your Simon 3 system:

- Program the keypad as key or chime mode.
- Keypads are learned into the control panel as sensors.

- Key mode keypads should be programmed using sensor groups 01, 03, 06, or 07 for non supervised use.
- Chime mode keypads can be programmed using sensor groups 01, 03, 06 or 07 for non supervised use or sensor groups 00, 02, 04 or 05 for supervised use.
- The keypad must be deleted and reprogrammed into panel memory every time the keypad operating mode is changed.
- Each learned keypad uses one of the available sensor numbers (24 total sensors/zones can be used with the Simon 3 panel).
- When the keypad is mounted on the wall, it might not work properly if mounted too close to the Simon 3 panel.

Programming

For complete programming instructions, refer to your Simon 3 installation instructions. The keypad must be programmed for key or chime mode before programming into panel memory.

➢ **To program the keypad mode:**

1. Remove the mounting plate on the back of the keypad.
2. Insert two of the three batteries into the keypad.
3. While holding down the **Lights On** and **Lights Off** keys, insert the third battery. Release the keys. The keypad will sound one long beep.
4. Immediately **press 8** to program the keypad for key mode. The keypad announces "No chime hello, touchpad OK". **OR Press 9** to program the keypad for chime mode. The keypad announces "Chime hello, touchpad OK".

Note
To check the software version of the keypad, press 1 after Step 3.

Note
The "Chime" and "No chime" announcements from the keypad only describe the keypad mode being programmed. The announcements don't describe doors and special motion chime functions programmed at the panel.

After programming the mode, the keypad must be programmed into the panel.

➢ **To program the keypad into panel memory:**

1. Open the control panel cover.
2. Enter Utility Access Code 1 or 2 using the red numbered keys.
3. Press **Add**. The panel announces "Select from Main Menu."
4. Press **Sensor**/**Remote**. The panel announces "Press button on sensor."
5. Press the **Lights Off** button on the keypad six times in rapid succession. On the sixth key press the keypad makes a long beep. The keypad announces "OK", to indicate that it has been learned into the panel. Panel announces keychain remote.

Note
*If the keypad doesn't announce "OK", press **Cancel** at the panel and repeat process starting from Step 3.*

6. Press **Sensor**/**Remote** repeatedly until you hear the sensor name or item you want to use. Each name may be used more than once.
7. Press **DONE** when you hear the desired sensor name. The panel announces "Use numbered keys to enter sensor group."

Note
*For a more specific location name, press **Option #** for compass directions (north, northeast, east, southeast, south, southwest, west, northwest).*

8. Enter the 2-digit sensor group (Key mode: 01, 03, 06 or 07 OR Chime mode: 00 through 07). The panel announces the sensor group and the first available sensor number, then prompts you to press **DONE** to accept.

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

9. Press **DONE**. The panel confirms programming by announcing the sensor number, name, and group.

Performing a Sensor Test

The keypad is sensitive to its orientation to the control panel. For that reason, it is recommended that you test the keypad prior to mounting it on the wall.

The following steps describe the guidelines for testing sensors used in a Simon 3 system.

1. Make sure the panel is disarmed.
2. Open the panel cover.
3. Enter the appropriate access code.

4. Press **Test**.

The panel responds with *Sensor test, press again to change or DONE to select.*

5. Press **DONE**.

The panel will prompt you to trip each sensor one at a time. To trip the keypad, press and hold the two Emergency buttons simultaneously for three seconds. You may follow the panel voice prompting or test the sensors in any order. Use the "Sensor Tripping Instructions" table in your Simon 3 Installation Manual to trip sensors.

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

Note
To verify the communication between the panel and the keypad, close the panel's cover to put the panel in run mode. Press the SYSTEM STATUS button on the keypad. The keypad should announce the correct system status (i.e. "System Disarmed").

If a Keypad Fails a Sensor Test

If panel sirens do not beep when a keypad is tripped, use a GE Security RF Sniffer (60-401) test tool to verify that the keypad is transmitting. Constant beeps from the RF Sniffer indicate a runaway (faulty) keypad. Two or three beeps from the RF Sniffer indicates the keypad is functional, but may have to be relocated. If the keypad is faulty, replace it.

How to Improve Sensor Communication

- Relocate the keypad.
- If necessary, replace the keypad.

➢ **To Relocate a Keypad:**

1. Test the keypad a few inches from the original position.
2. Increase the distance from the original position. Retest until an acceptable location is found.
3. Mount the keypad in the new location (see *Mounting the Keypad* section).
4. If no location is acceptable, replace the keypad.

➢ **To Replace a Keypad:**

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

Mounting the Keypad

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

1. Open the door of the keypad.
2. Gently pull down on the tab at the bottom of the keypad to separate the keypad body from the keypad mounting plate (Figure 1).
3. Hold the keypad mounting plate against the wall. Using the two screws included with the keypad, attach the keypad mounting plate to the wall through the mounting holes (Figure 2).

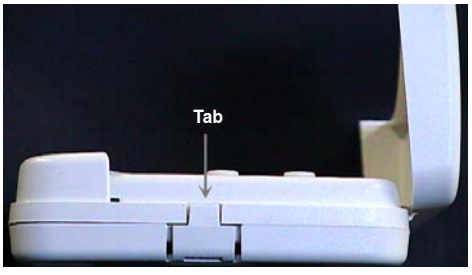

Figure 1. Keypad Bottom View

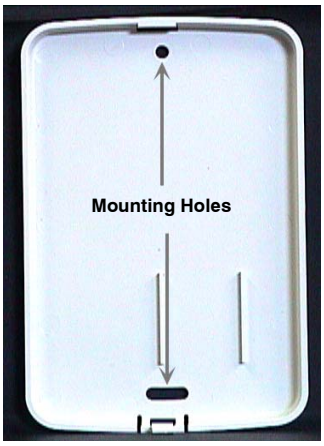

Figure 2. Keypad Mounting Plate

4. Reattach the keypad to the mounting plate.

Testing the Keypad After Mounting

Repeat the steps listed in the “Performing a Sensor Test” section in this manual.

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.

Keypad Operation

- Numeric Buttons (0 - 9) - Used to enter an access code or turn individual lights on and off.
- Disarm Button - The control panel is disarmed to level 0 or 1. (Level 0 all sensors except smoke alarms are disarmed. Level 1 doors, windows, and motion sensors are disarmed). Disarm also requires the access code to be entered.
- ARM Doors & Windows Button - The control panel is armed to level 2.
- 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).
- Lights On Button - Pressing this button twice quickly turns on all lights controlled by the system. Pressing this button once plus 1-8 will turn on that individual numbered light.
- Lights Off Button - Pressing this button twice quickly turns off all lights controlled by the system. Pressing this button once plus 1-8 will turn off that individual numbered light.
- Emergency Buttons - The panel will react according to the sensor group they are learned in to (00-07) Intrusion, Silent or Emergency. Press and hold both keys OR press both keys twice quickly, to activate alarm reports to the central station.

Battery Replacement

When the batteries get low on the keypad, the keypad announces “Touchpad low battery”. The panel announces “<Sensor name> low battery”.

Note
Avoid pressing the buttons on the keypad during battery replacement.

Remove the touchpad from the mounting plate and replace all three batteries with AAA alkaline batteries.

After replacing the batteries, run a sensor test to realign the keypad to the panel.

Specifications

Compatibility: .....Simon 3 (version 3.3 and later)
Power Requirements: .....3 AAA Alkaline batteries
Storage Temperature: .....-40° to 140° F (-34° to 60° C)
Operating Temperature: .....32° to 120° F (0° to 49° C)
Maximum Humidity: .....90% relative humidity, non-condensing
Dimensions: .....3.6 x 1.2 x 5.4 in. (W x D x H)
Installation: .....Wall mounting
Listings:

FCC Notice

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

1. This device 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 GE Security can void the user’s authority to operate the equipment.

FCC ID: B4Z-839-TWTP

Notices

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