

Operating Instructions

IMPORTANT: This equipment shall be used in an environment that provides the pollution degree max. 2 in **NON-HAZARDOUS** locations **ONLY**.

The WT4989 is a five-button two-way wireless key with an LCD icon display and a built-in buzzer. The LCD provides display icons that come on to show the system status when the Status Request button is pressed. In addition, the buzzer will "beep" to audibly indicate a button was pressed, or that the wireless key has sent a command to the control panel. The wireless key communicates with compatible wireless receivers (i.e., 9155 security systems) to allow you to arm, disarm and confirm your requested actions, as well as other keypad functions with the convenience of wireless portability. Together with your installer, you can decide which functions you wish to have accessible from your portable key. To activate, press and hold a button for approximately 1 second*. Note that some key functions require a 3 second** press. The LCD display backlighting and antenna icon turn on and the buzzer beeps once, indicating that a button has been pressed. These actions also confirm that a signal has been sent to the control panel receiver.



Specifications

Operating Frequency: 433 MHz; Wireless Range: (n/a)m (outdoor, line of sight); Batteries: (2) 3V Lithium (CR2032); Dimensions (LxWxH): 75mm x 40mm x 14mm; Weight: 41g; Water Resistant

The Default Button Functions

- Status Request** Press this button for 1 second to view the control panel system status via the LCD display icons.
- Keylock**** Press and hold this button for 3 seconds to lock the keys. The Tri-angle icon (▲) flashes briefly before the keyfob turns off. To unlock the keys, press this button for 3 seconds.
- Stay Arming:** Press to arm your system in Stay mode. All perimeter zones are active but interior zones remain inactive.
- Away Arming:** Press to arm your system. Interior and exterior zones will be armed.
- Panic Alarm**:** Press to notify your central monitoring station of a situation requiring police.
- Disarm:** Press to disarm your system.
- Command Output 1**** Press both at the same time to activate the assigned output.
- Command Output 2**** Press both at the same time to activate the assigned output.
- Transmit Default Serial Number**** Press both at the same time to send the serial number.
- Device Programming Mode**** Press all at the same time to program optional button functions. This should be done by the installer. The battery icon flashes.

Other WT4989 options are available in order to program the best possible combination to suit specific needs. For UL Listed installations, refer to the control panel's Installation Manual for details.

How to Install the WT4989

This section describes how to set up and program your remote, this should be done by the installer. The following outlines the basic steps for programming and enrolling this device on PowerSeries receivers. For additional options, or for other receivers, please refer to the specific receiver Installation Manual.

Step 1-Enroll the Device

The WT4989 is enrolled by Quick Enrollment or Serial Number Programming.

Quick Enrollment

- Section [898], enter through installer programming.
- Press any key on the wireless device to activate it.
- The keypad will display the 8-digit ESN, confirm by pressing [*].
- Repeat from step 2 to enroll additional remotes.

Program Electronic Serial Number (ESN)

- Section [804], subsections [101]-[116].

[101]Key 1							
[102]Key 2							
- Enter the 8-digit ESN located on the back of the unit.

Step 2-Program Function Buttons

Section [804], subsections [141] - [156]

0 3	Button 1 Stay Arming	3 0	Button 4 Panic
0 4	Button 2 Away Arming	1 3	Buttons (1 + 2) Command Output 1
2 7	Button 3 Disarm	1 4	Buttons (3 + 4) Command Output 2

How to Program the WT4989 Options

Changing the programming will affect operation. This should be done by the installer. To program WT4989 Options: (1) Press and hold all 4 buttons at the same time until the icon comes on and begins to flash. (2) Choose a WT4989 Programmable Option from the table. These options have toggle features, to return to the default, repeat steps 1 and 2.

To Program this Option	Do This
Remove the Keypress Beeps.	Press the (▲) key.
Remove the 3-Second Delay on (▲) key.	Press the (▲) key.
Turn off the System Disarm (▲) key.	Press the (▲) key.
Turn off the (▲) key.	Press the (▲) key.
Turn off the (▲) key.	Press the (▲) key.
Turn off the Backlighting function.	Press the (▲) + (▲) keys at the same time.

NOTE: Do not press any other button while in Programming mode.

NOTE: For UL Listed installations, the "Arm/Disarm Bell Squawk" feature of the control panel must be enabled. The 3-second delay on the Panic key must not be disabled. The Bell Squawk must be heard from outside the premises. Arming/Disarming confirmations must be indicated by the keyfob LCD display. Refer to the control panel's Installation Manual for details.

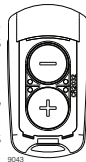
Control Panel System Status Display

The table below summarizes the possible main system statuses that can be shown by the WT4989 LCD display.

ICON (S = Steady, F = Flashing) SYSTEM STATUS	
(S) System Trouble	(S) Alarm in Memory
(S) Disarmed - Ready	(F) Active Alarm
(F) Disarmed - Not Ready	(F) *9 Armed - Away
(S) Away - Armed	(F) *9 Armed - Stay
(S) Stay - Armed	(F) *9 Armed - Night
(S) Night - Armed	(S/F = Steady or Flashing, icon state will depend on the system state)
Keyfob Status	(S/F) Exit Delay-Away Arming
(S) WT4989 Low Battery	(S/F) Exit Delay-Stay Arming
(F) Device Programming	(S/F) Exit Delay-Night Arming
(F) Critical Low Battery	(F) Keylock enable

Replacing the Batteries

Under normal conditions the batteries last 3 years. During each button press the keyfob sends the status of its battery to the control panel receiver. If the battery is low, the battery icon on the LCD display comes ON. If the battery has reached a critically low state the battery icon flashes. To replace the battery, remove the top cover by inserting a coin into the slot located on the center bottom and twist to expose the batteries. Replace both batteries with lithium 3V batteries (CR-2032), see diagram. **NOTE:** The polarity of the battery must be observed, as shown in the diagram. **REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE RECOMMENDED BY THE MANUFACTURER. Keep away from small children. If batteries are swallowed, promptly see a doctor. Do not try to recharge these batteries. Disposal of used batteries must be made in accordance with the waste recovery and recycling regulations in your area**



Belt Clip Assembly

Compatibility

The WT4989 is compatible with the following receivers: PC9155-433, PC9155D-433 and PC91556-433

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FCC Compliance Statement

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IC: 160A-W4989 The term 'IC:' before the radio certification number only signifies that Industry Canada technical specifications were met. 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.

This product meets the requirements of Class II, Grade 2 equipment as per EN50131-1 and EN50131-4 Standards. The power supply is Type C as per EN50131-6 Standard.

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