

REMOTE KEYPAD (KP-7)

● IDENTIFYING THE PARTS:

- 1 Tx LED
- 2 ACTIVE LED
- 3 10 Numeric keys
- 4 “PROG” button – to program the new PIN Code in Test mode
- 5 “↺” button – to set a new PIN Code in Test mode
- 6 “🏠” button – press after PIN Code to Part Arm the system
- 7 “🔒” button – press after PIN Code to Arm the system
- 8 “🔓” button – press after PIN Code to Disarm the system
- 9 “TEST” button – press after PIN Code to enter Test mode
- 10 Mode Jumper Switch



When KP-7 is used with the **CTC-800** Stand Alone Wireless System, where only one user PIN code is available, the jumper switch should be “OFF”, (the jumper is removed or parked on one pin)



When KP-7 is used with the **CTC-911B** or **CTC-918B** control panel, where multiple user PIN codes are available, the jumper switch should be “ON”, (the jumper link is inserted connecting the two pins) factory default

11 Tamper Switch

The Tamper Switch protects the unit from being opened or being removed from it's mounting surface.

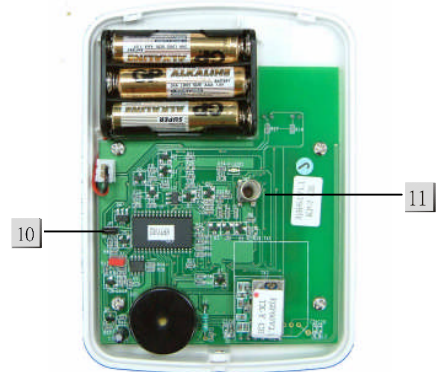
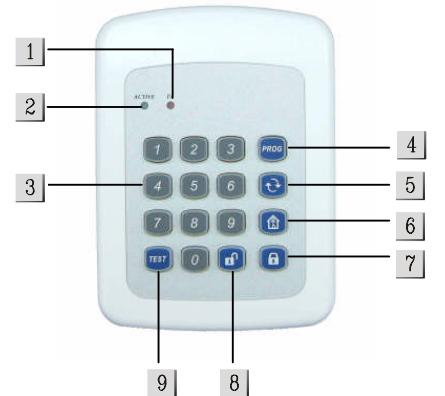
● LED INDICATOR:

● ACTIVE LED (Green):

- When idle, both LED's are off. After any key press, the Green LED goes on for 5 seconds indicating that KP-7 is active.
- However if the Green LED flashes during operation instead of being on steadily, this is an indication of a low battery.
- The LED turns off after successful completion of a valid keystroke sequence, or when the pause in between key strokes is longer than 5 seconds.

<NOTE>

- ☞ When the Green LED turns off before a valid keystroke sequence is completed, the previous entered keys are ignored.



- **Tx LED (Red):**

- On for 2 seconds when transmitting.
- When in Test mode, Red LED flashes at an even pace in normal condition and at a faster pace in tampered condition.
- In Standby mode, when tamper condition persists, Red LED flashes for 5 seconds after any key press.


- **POWER:**

- KP-7 uses 3 “**AAA**” alkaline batteries as its power source. Its typical battery life is over 4 years in a normal domestic environment.
- KP-7 can also detect the battery status. If the battery voltage is low, the Green LED will flash during operation and the low battery signal will be sent to the Control Panel along with regular signal transmissions for the Control Panel to display the status accordingly.

- **POWER SAVING FEATURE:**

- When idle, KP-7 is in “**standby**” mode and uses no power. It will activate and “**wake-up**” for 5 seconds when any key is pressed.
- After 5 seconds of key inactivity, the power goes off and it returns to Stand-by mode.
- Upon completion of a command input, the power goes off and KP-7 returns to Stand-by mode.

- **TEST MODE:**

- KP-7 can be put into Test mode by entering the PIN code followed by “**TEST**”. The Red LED will slowly flash.
- In Test mode, with any key press, Green LED goes on for 5 seconds. After 5 seconds of key inactivity, the Green LED goes off and KP-7 ignores the previous key input and remains in Test Mode.
- To exit Test mode, press “” twice, the Red LED will stop flashing. Otherwise, KP-7 will automatically exit Test mode after 30 minutes and return to Standby mode.

<NOTE>

- ☞ Test Mode is used to bypass KP-7 Tamper alarm when installing, replacing low batteries or removing to a different location.
- ☞ When entering the test mode, KP-7 will inhibit all key presses for a fixed 1 minute after 4 unsuccessful attempts. A series of beeps will be generated after the third incorrect code indicating to the user that they have only one attempt left.

- **TAMPER PROTECTION:**

- Protected against any attempt to open the cover or to detach KP-7 from its mounting surface.
- When KP-7 is tampered with it emits a beep every 30 seconds to warn the user and to remind that KP-7 is in a continually active state and is consuming battery power. In addition a Tamper signal will be sent to the Control Panel for it to display the status. Under this situation, the system cannot be armed by KP-7.
- Tamper protection is disabled when in Test Mode.

● **MOUNTING KP-7:**

The KP-7 consists of a two-part design made up of a cover and base. The cover contains all the electronics and the base provides a means of fixing. A PCB tamper switch protects the enclosure from being opened or being removed from the mounting surface.

The base has four knockouts where the plastic is thinner for mounting purpose. To mount the KP-7:

- I. Remove the fixing screw at the bottom
- II. Remove the cover assembly
- III. Break through the appropriate knockouts on the base
- IV. Using the holes of the base as a template, drill holes in the surface
- V. Insert the wall plugs if fixing into plaster or brick
- VI. Screw the base to the wall
- VII. Fix the cover with the screw and clips to the base

<NOTE>

- ☞ Ensure that the tamper switch spring protruding through the back is fully depressed by the mounting surface.

● **INSTALLATION PROCEDURES:**

- Step 1. Remove the cover by losing the fixing screw
- Step 2. Insert 3 “AAA” batteries into the battery compartment taking care that the connection respects correct polarity showing on the battery holder.
- Step 3. While the 3 batteries are inserted; the Red LED indicator will flash briefly
- Step 4. Make sure the Mode Jumper is “ON” with the jumper link being inserted, if you are using either control panel CTC-911B or CTC-918B with multiple PIN codes available.
- Step 5. Put KP-7 in Test mode by entering “0000” (default PIN code), then press “Test”. KP-7 will sound 1 long beep and the Red LED will flash rapidly.
- Step 6. Adding KP-7 into the Control Panel:
 - I. Put the Control panel into “Device +/-” menu and select the “Add Devices” sub menu.
 - II. Press “Test” and “1” when requested. KP-7 and Control Panel will beep and both the Green & Red LED will light for 1 sec to indicate the KP-7 is functioning normally and a radio signal is successfully transmitted.
 - III. Refer to the operation manual of your control Panel under the section of “Device +/-” to complete the learn-in process.
- Step 7. After the KP-7 is learnt-in, put the Control Panel into “Walk Test” mode, hold the KP-7 in the desired location, press the “Test” and “1” button to confirm this location is within signal range of the Control Panel.
- Step 8. When you are satisfied that the KP-7 works in the chosen location, you can proceed with mounting the KP-7 following the steps described above.
- Step 9. After the KP-7 is mounted and the tamper switch spring is fully depressed, the Red LED should be flashing slowly.

Or, if the Red LED turns off, it means the 30-min Test mode period has expired, you should put the KP-7 into Test mode again by entering “0000” followed by “Test”.

Step 10 Setting the Pin Code:

- I. Enter "0000" (default PIN code)
- II. Press "↻"
- III. Enter your new 4-digit code
- IV. Press "Prog", KP-7 sounds a long beep

Step 11 Press "🔒" twice to exit Test mode and the installation is completed.

<NOTE>

- ☞ New PIN code needs to be the same as one of the **User Pin Codes** already programmed into the system if you are using either **CTC-911B** or **CTC-918B**.
- ☞ Until the KP-7 is properly mounted, arming or disarming of the system by the KP-7 is inhibited unless the tamper switch is depressed manually.

● **FUNCTIONS OVERVIEW:**

- Arm — Anyone of Control Panel user codes + "🔒"
- Part Arm — Anyone of Control Panel user codes + "🏠"
- Disarm — Anyone of Control Panel user codes + "🔒"
- Enter Test mode — KP-7 PIN code + "TEST"
- Panic Alarm — "1" + "3" simultaneously
- Fire Alarm — "4" + "6" simultaneously
- Medical Alarm — "7" + "9" simultaneously

KP-7 Test Mode:

The Test mode enables the following functions:

- Transmit KP-7 learn signal — "TEST" + "1"
- Dual-key Panic Alarm Enable — "TEST" + "2"
- Dual-key Fire Alarm Enable — "TEST" + "3"
- Dual-key Medical Alarm Enable — "TEST" + "4"
- Dual-key Disable — "TEST" + "5"
- Change the Pin Code — Old Pin Code + "↻" + New 4-digit Pin Code + "Prog"
- Quit Test Mode — "🔒" + "🔒"

● **APPENDIX:**

If you have forget your Pin Code or anything wrong happens with the KP-7, you can reset the KP-7 to factory default and re-program it.

Reset to factory default:

Step 1 Remove one of the batteries

Step 2 Press “3” while inserting the removed battery back in

Step 3 Continue pressing “3” until 3 short beeps to indicate successful reset

Step 4 Release “3”

<NOTE>

- ☞ After resetting the PIN code reverts to the factory default value, “0000”. KP-7 will need a new learn-in process to start functioning.

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