





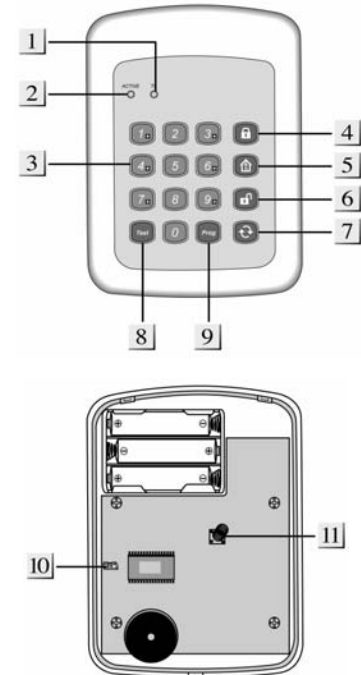


REMOTE KEYPAD (EAS/BTAS8)

● Identifying the parts:

- 1 Tx LED
- 2 ACTIVE LED
- 3 10 Numeric keys
- 4 “” button – press after PIN Code to Arm the system
- 5 “” button – press after PIN Code to Part Arm the system
- 6 “” button – press after PIN Code to Disarm the system
- 7 “” button – to set a new PIN Code in Test mode
- 8 “Prog” button – to program the new PIN Code in Test mode
- 9 “Test” button – press after PIN Code to enter Test mode
- 10 Mode Jumper Switch
 -  When EAS/BTAS8 is used in CTC-920/CTC-910 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 EAS/BTAS8 is used in CTC-922 / CTC-918 / CTC-911 / CTC-909 / CTC-931 or any other systems, where multiple user PIN codes are available, the jumper switch should be “ON”, (the jumper link is inserted connecting the two pins, as the factory default)
- 11 Tamper Switch



The Tamper Switch protects the enclosure from being opened or being removed from the 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 EAS/BTAS8 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:

- EAS/BTAS8 uses 3 “AAA” alkaline batteries as its power source. Its typical battery life is over 5 years in a normal domestic environment.
- EAS/BTAS8 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, EAS/BTAS8 is in “standby” mode and uses no power. It will activate and “wake-up” for 5 seconds where 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 EAS/BTAS8 returns to Stand-by mode.

● Test mode:

- EAS/BTAS8 can be put into Test mode by entering the PIN code followed by “Test”. EAS/BTAS8 will sound a long beep and 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 EAS/BTAS8 ignores the previous key input and remains in Test Mode.
- To exit Test mode, press “” twice, EAS/BTAS8 will sound a long beep and the Red LED will stop flashing. Otherwise, EAS/BTAS8 will automatically exit Test mode after 30 minutes and return to Standby mode.

<NOTE>

☞ Test Mode is helpful to bypass EAS/BTAS8 Tamper alarm when installing, replacing low batteries or removing to different mount site.

☞ When entering the test mode, EAS/BTAS8 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:

- EAS/BTAS8 is protected against any attempt to open the lid or to detach EAS/BTAS8 from its mounting surface.
- When EAS/BTAS8 is tampered, it emits a beep every 30 seconds to warn the user and to remind the user that EAS/BTAS8 is in a continually active state and is consuming battery life. In addition, the Tamper signal will be sent to the Control Panel for the Control Panel to display the status. Under this situation, system can not be armed by EAS/BTAS8.
- Tamper protection is disabled when in Test Mode.

● **Mounting EAS/BTAS8:**

The EAS/BTAS8 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 EAS/BTAS8:

- 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 into the wall plugs
- 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 the control panel has multiple PIN codes available. However, when EAS/BTAS8 is used in 910/920 system, the Mode Jumper should be "off".
- Step 5. Put EAS/BTAS8 in Test mode by entering "0000" (default PIN code), then press "Test". EAS/BTAS8 will sound 1 long beep and the Red LED will flash rapidly.
- Step 6. Adding EAS/BTAS8 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. EAS/BTAS8 and Control Panel will beep and both of Green & Red LED will light for 1 sec to indicate the EAS/BTAS8 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 EAS/BTAS8 is learnt-in, put the Control Panel into "Walk Test" mode, hold the EAS/BTAS8 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 EAS/BTAS8 works in the chosen location, you can proceed with mounting the EAS/BTAS8 following the steps described above.
- Step 9. After the EAS/BTAS8 is well mounted and the tamper switch spring is fully depressed, the Red LED should become flashing slowly.
Or, if the Red LED turns off, it means the 30-min Test mode period has expired, you should put the EAS/BTAS8 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", EAS/BTAS8 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 codes of the Control Panel.
- ☞ Before the EAS/BTAS8 is mounted on its site, arming/disarming the system by the EAS/BTAS8 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 - EAS/BTAS8 PIN code + "Test"
- Panic Alarm - "1" + "3" simultaneously
- Fire Alarm - "4" + "6" simultaneously
- Medical Alarm - "7" + "9" simultaneously

EAS/BTAS8 Test Mode:

The Test mode enables the following functions:

- Transmit Test 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 forgotten the Pin Code or anything wrong happened in the EAS/BTAS8, you can reset the it to factory default and reinitialize it.

Reset to factory default:

- Step 1 Remove one of the battery
- 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 reset, PIN code reverts to factory default values, "0000". EAS/BTAS8 will need a new learn-in process to start functioning.