

Manual

Version 3.2

Quick Start

1. Select location for cPad and sensors according to your preference. Avoid placing any device too close to heat (ovens, fireplace) or in direct path of hot air blowing out of heat-vent. The cPad should be placed close to an 110V electrical outlet so that you don't have to run charger wire over a long distance. The motion sensor will give you best coverage if it is around 7 feet high in the center of wall from where it can cover (see) most of the area that an intruder is likely to cross over, it should never face a window or anything that changes its temperature frequently.
2. Unpack motion sensor(s), peel off adhesive liner on the back, put it/them on location(s) you selected.
3. Unpack door sensor(s) and magnet(s), put magnet with its nail on either door-frame or door such that it almost touches circular groove on door sensor. If magnet was put on frame, then door-sensor will go on the door, and vice versa.
4. Take out cPad and mount it through its adhesive tape on the back after taking off liner.
5. For any function and operation, press "menu" (*) button and follow the prompt on line one of LCD display. It may ask you "Set Day of Week?" If so, press "Yes" (#) and then number 1 thru 7 for Monday thru Sunday respectively.
6. Go to "Test System" menu, press #, type your your cellphone number, press #. The cPad will send you a text message and then call your cellphone. Hangup your cellphone to disconnect and store caller ID in your contact list. This is cPad's cellphone number, which you will need to operate cPad from your own cellphone.
7. The factory programmed default password of cPad is last 3 digit of cPad serial number (which can be found on the side of packing box). We suggest changing it by going to "Change Password" menu
8. You can start using your system now

Contreal for Residences

Daytime Security for Working Couples

The auto-on/off feature of cPad can be used for maintenance-free daytime-security. For example, if the last family member leaves for work/school at 8:30AM and the kids return from school at 3:30PM, the cPad can be set to automatically turn-on at 8:35AM and turn-off at 3:25PM everyday except weekends. This feature enables you to carry on with your life as usual without worrying about arming/disarming the system and yet providing security in your absence. All of the sensors (both doors and motion) will be activated to detect any intrusion through door or window. Refer "Set Auto On Time" and "Set Auto Off Time" in Menu section.

Security during Vacation

While leaving for vacation, you can turn on cPad (arm the system) either from front panel or from your cellphone. This will keep the system armed/activated all through your vacation (even if daytime auto on/off is set). All of the sensors (both doors and motion) will be activated to detect any intrusion through door or window. Refer "Turning System On" and "Turning System Off" sections.

Night-time Security

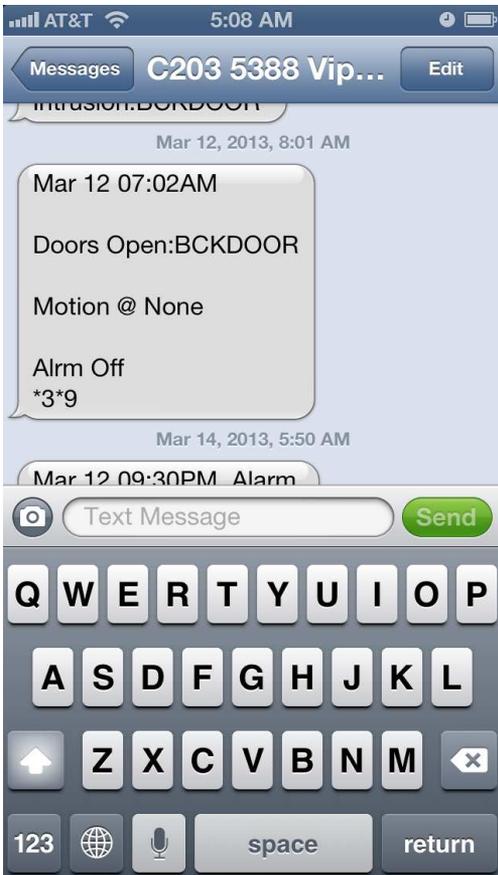
The night mode arming can be used when you don't want alarm to be triggered if you come to your kitchen during night but trigger if an intruder opens door, window, garage-door or basement. In this mode, if the family-member moves around, the motion-sensors in that area will cause cPad to generate beep/chime sound only (to indicate someone is in that area) but it will not send any message to any phone. Refer "Add User/Mode" menu.

Protection against Kids Leaving the Door Open or You Forgetting to Close Garage-Door

The cPad will notify you on your cellphone if any of your doors has been continuously open for 10 minutes. Shutting and reopening the door restarts 10 minutes timer. The cellphone it will call is the first of one to ten phone numbers programmed in cPad. (If you don't want this feature, program first phone with text disabled and audio enabled).

Not Sure If You Shut the Garage Door or If You Armed the System

Simply call your cPad's cellular number and hang-up after first bell. The cPad will respond by sending you status, which includes, (A) door name if a door is open (B) Motion sensor name if its sensing a motion, (C) Whether the system is armed or disarmed. In case you don't check the status and left any door open (including garage), cPad will notify you on your cellphone 10 minutes after the door was opened.



Contreal for Offices

Security during Non-Business Hours

The auto-on/off feature of cPad can be used for maintenance-free security. For example, if the last employee or the house-keepers leave at 7:00PM and the first person comes at 6:30AM, the system can be set to automatically turn-on at 7:00PM and turn-off at 6:30AM everyday except weekend. (It will not turn-off automatically if it is weekend, you will have to disarm manually if a valid person needs to come in on weekend). All of the sensors (both doors and motion) will be activated to detect any intrusion through door or window. This feature ensures system is on during non-business hours and eliminates false-triggers if an employee forgets the password, and eliminates the need to allocate passwords to employees. Refer "Set Auto On Time" and "Set Auto Off Time" in Menu section.

As A Door-Bell during Daytime

During business hours, the system gives a melodious sound if an entry door is opened. This feature can be disabled if not required

Control Temperature Monitoring & Logging System for Private Medical Practices

If your refrigerator contains medicines that must be maintained between certain temperature limits, a temperature monitoring sensor installed on your refrigerator will

- Notify you on your cellphone when temperature goes out of limit (say because of refrigerator failure or power failure, especially in storm conditions)
- Eliminate the need for nurse or someone to record temperature for compliance purposes
- You can check the temperature remotely from your cellphone anytime



Turning System On

The system is always running and works like a door bell, meaning, if a door sensor detects door-open, or a motion sensor detects movement, the cPad gives a specific beep/chime. However, if you want alarm sound to be triggered and Social/Central monitoring be notified, the system must be turned on. This can be done three different ways:

1. Automatically at a preset time (Refer "Daytime Security for Working Couples" above)
2. Manually using cPad keyboard
 - Press menu (*) button, display will prompt you for "Turn On cPad?" ("Turn On Alarm" or "Messaging On" in previous versions)
 - Press Yes (#) button (If your cPad is configured for multiple usage/mode, then select the on-mode you want)

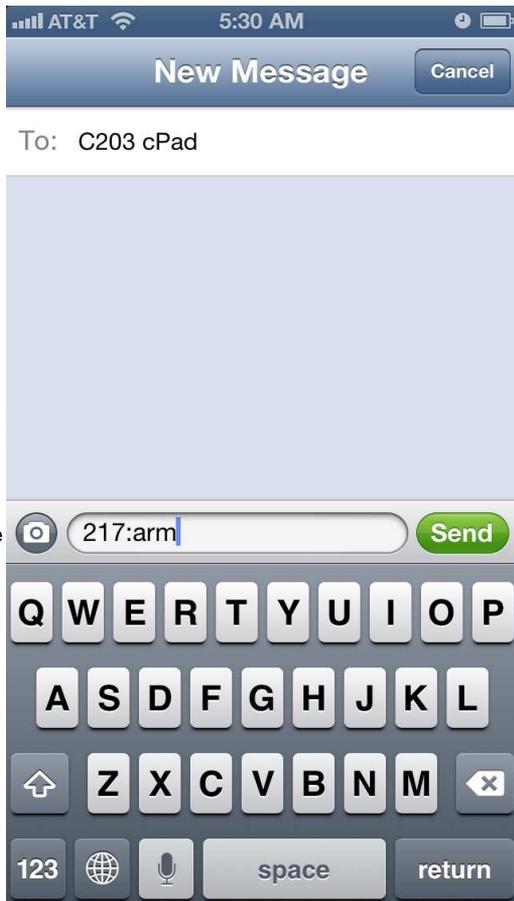
3. Manually from your cellphone

From any cellphone, send a text message to your cPad by typing in the password of cPad, followed by colon, followed by arm (not case-sensitive). For example, if your password is 217, then send text message as:

217: arm

This will cause all the sensors to be activated to detect intrusion

Irrespective of how you arm the system, it will give you "Exit Time", meaning, time for yourself to leave so that it is not triggered by your own activities right after turning it on.



Turning System Off

In order to cancel alarm-trigger and intrusion-notifications, the system must be turned off. This can be done in three different ways:

1. Automatically at a preset time (Refer "Daytime Security for Working Couples" above)
2. Manually using cPad keyboard
 - Press menu (*) button, display will prompt you for "Turn On cPad?" ("Turn Off Alarm" or "Messaging Off" in previous versions)
 - Press Yes (#) button
 - Type your password
3. Manually from your cellphone
From any cellphone, send a text message to your cPad by typing in the password of cPad, followed by colon, followed by disarm (not case-sensitive). For example, if your password is 217, then send text message as:
217: disarm
This will cause all the sensors to stop detecting intrusion



Menu

The * (asterisk) and # (pound) are used to navigate through the menu. Pressing * will take you to next menu (it can also be assumed like an escape button on PC) and pressing # selects a particular menu (like an enter button on PC)

Press * (menu) button

Description

If cPad was off ↓

↓ If cPad was on

Turn On cPad?

Turn Off cPad?

If cPad was off, pressing # will turn on cPad. If there are more than one mode programmed, cPad will prompt you for mode (All sensors, night mode, etc).

If cPad was on, you must enter your password to turn off cPad

* ↓

Test System?

Enter any cellphone number & then press #, cPad will send a text message and call the number. The call will remain connected for 20 minutes unless disconnected by callee

* ↓

See What Happened * ↓	Shows the log of last 16 events
Change Password? * ↓	Select this option to change your existing password
Advance Menu? # ↓	Pressing * will end menu, otherwise press # to make advance settings
Enter Your Password If password OK ↓	
Remove Ph Number * ↓	Select this to remove one or more existing phone number. It can also be used to browse existing phone numbers
Add Phone Number * ↓	You can program up to 10 phone numbers that are dialed for messaging
Record Audio Msg * ↓	Record 20 second long voice message that's played when voice messaging is enabled
Add Wireless Sens? * ↓	This option is used to logically connect new wireless sensors to cPad
Change Sensor Name * ↓	Use this option to rename the sensors
Set Dial Timeout? * ↓	While making voice call on intrusion, if the called number does not pick up the call within this time, cPad moves on to try next number and retries the failed number(s) later
Set Exit Time? * ↓	Maximum seconds you may require after turning on cPad and moving out of your home/office (so that siren does not trigger because of your own movements). It can be set to a value from 1 to 999 seconds (~16 minutes)
Set Entry Time? * ↓	Maximum seconds cPad will give you to press your password on cPad keyboard after entering your home/office. It can be set to a value from 1 to 999 seconds (~16 minutes)
Set Motion Delay * ↓	Number of seconds between motion detection and siren trigger. It can be set to a value from 1 to 999 seconds (~16 minutes)
Alarm Seconds * ↓	When an intrusion occurs, siren sound starts and will stop after certain time. The seconds between siren start and stop is called as Alarm Seconds. It can be set to a value from 2 to 999 seconds (~16 minutes)
Set Auto On Time? * ↓	Enter hours and minutes (for example 2130 for 9:30PM) to enable automatic turn "On" of cPad. This feature is disabled if value typed is 2400 or more
Set Auto Off Time? * ↓	Enter hours and minutes (for example 0600 for 6:00AM) to enable automatic turn "Off" of cPad. This feature is disabled if value typed is 2400 or more
Set Motion Chime? * ↓ If beeps were on	A cPad comes from Contreal to give motion chimes from 10PM to 5AM. To change these times, press #, type chime-enable start time (2130 for 11:30 for example), type chime-enabled end-time. * ↓ If beeps were off
Disable Beeps? * ↓	This disables/enables beep sounds for key-press, exit warning, and for door-open
Add Mode/Usage?	Use this option to create new cluster of sensors that can be activated/inactivated as a group

* ↓

Remove Sensor?

Use this option to erase a sensor from cPad memory

* ↓

System Info?

Shows the version and serial number information

* ↓

Set Day of Week?

Sets day of the week – pressing 1 will set current day as Mon, similarly 2 for Tue and so on up to 7 for Sunday.

* ↓

End of Menu

Important Information and Cautions:

This device contains Lithium battery. Do not disassemble it, do not short circuit it. For disposing this equipment, bring it to your nearest recycling center.

1. Do not attempt to replace batteries or power adapter.
2. Be sure that electrical cords used are not frayed or placed in a location where they can pose a danger.
3. Do not expose cPad to temperature below 0F or greater than 110F.
4. Be careful that children do not swallow any parts such as mounting screws, etc.
5. Never place cPad in microwave or any hot object as it will cause battery to explode.
6. Do not use harsh chemicals or any liquid to clean cPad.
7. Do not drop, strike or shake cPad. Do not disassemble cPad. Only let authorized personnel service the cPad
8. To prevent a fire hazard or electrical shock, do not expose cPad or other components to water or operate them while you are wet or standing in water.
9. Please verify periodically that components remain firmly adhered. A falling component could harm a passing person. Also, swallowing a small piece, such as a magnet or battery could be harmful. Please keep them away from children
10. To ensure proper operation, this equipment must be installed according to the enclosed installation instructions. To verify that the equipment is operating properly and can successfully report an alarm, this equipment must be tested immediately after installation, and periodically thereafter, according to test instructions in section C.4. You must also verify that power adapter is properly plugged in and that there is no damage to the wire and its terminals.
11. This equipment cannot report an alarm when cellular network for the associated SIM card is weak or not available.

Limited Warranty Statement

Contreal, LLC ("Contreal") warrants to the end user ("Customer") that this product ("cPad") will be free from defects in materials and workmanship under normal use and service for 12 months from the date cPad is purchased by the Customer. Contreal's obligations shall be limited within the warranty period to repairing or replacing, at its option, the defective cPad or part. Replacement cPad or its part may be new or reconditioned. Contreal warrants any replaced or repaired part for 12 months from the time of original purchase date. The limited warranty extends only to the original purchaser of cPad with valid proof of purchase and is not assignable or transferable to any subsequent purchaser/end-user. The external housing shall be free of defects at the time of shipment and, therefore, shall not be covered under this warranty. The customer shall bear the cost of shipping cPad to Contreal service department and for shipping it back to customer.

This warranty does not cover:

- Defects or damages resulting from use of cPad in other than its normal and customary manner, and from abnormal conditions, improper storage, unauthorized modifications, unauthorized repair, unauthorized connections, misuse, neglect, abuse, alteration, improper installation, or other acts which are not the fault of Contreal
- Failure to follow installation and operating instruction
- All plastic surfaces

- Consumables such as battery

In no case shall Contreal be liable to anyone for any consequential or incidental damages for breach of this warranty or any other warranties whatsoever. Any tampering with the product or other unauthorized use will void your limited warranty. To obtain a warranty service, please write to service@contreal.com or write to address or call phone number mentioned on our website www.contreal.com

Contreal does not represent that the products it sells may not be compromised or circumvented; that the products will prevent any personal injury or property loss; or that the products will in all cases provide adequate warning or protection. Customer understands that a properly installed and maintained alarm may only reduce the risk of a burglary, robbery or other events occurring without providing an alarm, but it is not an insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result. Customer also understands that generation of alarm sound and reporting of intrusion involves many parts to work together along with third party items such as cellular module and cellular network that are prone to failures. Consequently, **CONTREAL SHALL HAVE NO LIABILITY FOR ANY PERSONAL INJURY, PROPERTY DAMAGE OR OTHER LOSS BASED ON A CLAIM THE PRODUCT FAILED TO GIVE WARNING.** However, if Contreal is held liable, whether directly or indirectly, for any loss or damage arising under this Limited Warranty or otherwise, Contreal's liability shall be limited to the purchase price of the product, which shall be the complete and exclusive remedy against Contreal.

FCC

This device contains a pre-certified cellular module whose FCC ID can be found on backside of cPad and on module itself.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off or on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

The user is cautioned that changes and modifications made to the equipment without the approval of manufacturer could void the user's authority to operate this equipment. To maintain the compliance with the FCC's RF exposure guideline, place the base station at least 20 cm from nearby people

References:

1. SIM card installation – [Video](#) (Click on "Video" or copy-paste "<http://youtu.be/ijKM0IIV888>" on your web-browser)
2. W2 Sensor Manual