Vivint Keypad
(VS-KPAD01-001)
Quick Reference (User Manual – Installation & Operation)
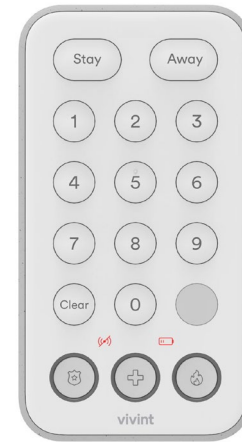
⌂.vivint
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The Vivint Keypad is a wireless Z-Wave™ control device that provides remote access to the security features for a Vivint Smart Home™ system, including enabling and disabling both the Arm Away and Arm Stay security modes.

The keypad can also be used to transmit a signal to Vivint Monitoring for fire, panic, and emergency conditions such as a home intrusion.

The keypad has an easy-to-use interface with identified and illuminated buttons, as well as indicator icons that show when the device is offline, or battery power is low. It also displays security system status with a downcast indicator light.

This document includes a product description, illustrations, installation instructions, basic system operation / user functionality, as well as technical specifications, standards listings, and regulatory compliance references. Note: For supplementary use only.

(NOTE: The Vivint Keypad is for supplementary use only, and is not intended to be used as the primary user interface. To access installation instructions, refer to the *Vivint Support* site: support.vivint.com.)

Installation Instructions
You can securely install (mount) the keypad with the provided screws.
To mount with the provided screws:
1. Slide the battery cover / mounting plate down and remove it.
2. Place the mounting plate in the desired location.
3. Secure the mounting plate with the 2 screws, using the slotted hole to adjust the plate up or down to ensure a precise level.
4. Reattach the keypad by placing it directly on the mounting plate, and sliding it down until it locks into place.

Adding the Keypad to the System — Network Inclusion
Add the keypad device to the Vivint system using one of the following methods below.
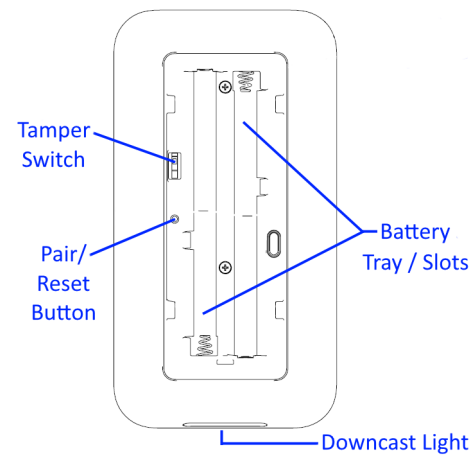- **Vivint app (SmartStart Inclusion):** Scan the SmartStart QR code on the box with your smartphone, and then follow the prompts in the app. (Note: The QR code can also be found inside the battery cover under the batteries.) SmartStart enabled products can be added into a Z-Wave network by scanning the Z-Wave QR code present on the product with a controller providing SmartStart inclusion. No further action is required and the SmartStart product will be added automatically within 10 minutes of being switched on in the network vicinity.
- **Vivint panel/hub via Z-Wave (Classic Inclusion):** Use this standard method for adding Z-Wave devices at the panel or hub. Use the "PAIR/RESET" button next to the battery tray. Follow the onscreen prompts to add the keypad.

Removing the Keypad from the System — Network Exclusion
To remove the keypad device from the Vivint system, follow the procedure below.
- **Vivint panel/hub via Z-Wave:** Use this standard method for excluding Z-Wave devices at the panel or hub. Use the "PAIR/RESET" button next to the battery tray. Follow the onscreen prompts to remove the keypad.

Keypad (back view, open; battery cover / mounting plate off) —

Tamper Switch

Pair/ Reset Button

Battery Tray / Slots

Downcast Light

Basic Operation / User Functionality
Once the keypad is up and running, the user can perform the following functions. For more details, refer to online Help at the *Vivint Support* site: support.vivint.com.
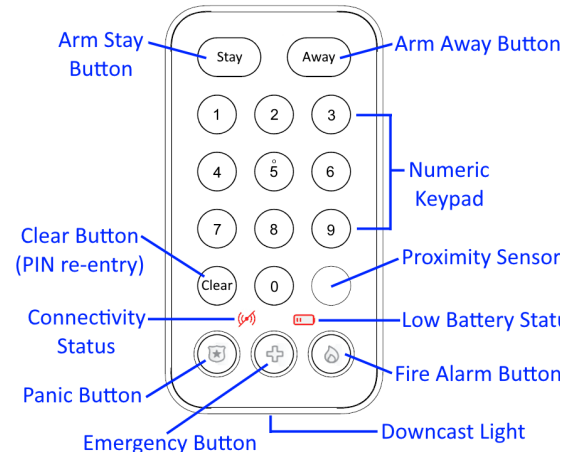
MAIN FEATURES —
- Arm to **STAY** mode (press & hold the button for at least 5 seconds or until the system is armed)
- Arm to **AWAY** mode (press & hold the button for at least 5 seconds or until the system is armed)
- Disarm the system (enter a valid user's 4-digit PIN code)
- **NOTE:** The keypad will beep 3 times when arming (Stay or Away), and 2 times when disarming. Additionally, the keypad will beep every 3 seconds (speeding up for the final 10 seconds) during the Exit Delay countdown.
- Send an emergency signal to Vivint Monitoring (press & hold the PANIC, FIRE, or EMERGENCY button for 2 seconds)
- Verify system status by viewing the LED downcast light (see colors below). By default the keypad wakes-on-motion via its proximity sensor – this setting can be disabled, requiring a button press to wake – whereupon the downcast light, and any buttons applicable to the current security status, will illuminate for 5 seconds.
  - **Green:** System disarmed (ready to arm)
  - **Orange:** System armed
  - **Red:** Alarm in progress

Keypad (front view) —

Arm Stay Button

Arm Away Button

Numeric Keypad

Clear Button (PIN re-entry)

Proximity Sensor

Connectivity Status

Low Battery Status

Panic Button

Fire Alarm Button

Emergency Button

Downcast Light

Factory Default Reset

To restore the keypad device to its factory default settings, follow the procedure below. (**NOTE:** Resetting the keypad removes it from any connected networks. Use this procedure only when the network primary controller is missing or otherwise inoperable.)

1. Locate the button labeled PAIR/RESET next to the battery tray.
2. Insert a paperclip into the hole until you feel the button depress.
3. Hold the button down for ten seconds. The green downcast indicator light will blink rapidly while the reset button is pressed and go out after ten seconds.
4. The downcast light will turn red when the reset operation is complete. The device is now ready to be added back to a Z-Wave network.

Testing

Before installing the keypad, verify that the mounting location provides reliable RF communication to the panel. To verify:

1. Press and hold the STAY button until the countdown is complete.
2. Confirm that the security hub has transitioned into Armed Stay mode.
3. Enter your PIN from the keypad, and confirm on the hub that the system has successfully been disarmed. (**NOTE:** Test the system at least once a year to ensure proper functionality.)

Battery Installation and Replacement

Use only the recommended batteries (see *Specifications*). To install or replace the batteries:

1. Remove the keypad from the mounting plate (see *Installation Instructions*).
2. Lift the old batteries out by hand.
3. Insert the replacement batteries with the "+" sign facing out.
4. Verify keypad operation, configuration, and RF communication with the panel.

BATTERY CAUTIONS! Always use new alkaline batteries. Do not use rechargeable batteries of any type (they will not operate the device properly and may lead to damage).

Do not mix old and new batteries. Do not mix battery types, for example lithium with alkaline. Dispose of batteries properly in accordance with local regulations. Do not dispose of batteries in fire (batteries may explode or leak).If you are leaving your home for a month or more, you should replace the batteries as a precaution against battery failure in your absence.

Always replace the batteries as soon as the low battery indicator goes on. The keypad is a battery-powered device; you should replace the batteries before they run out. Always replace the batteries once a year, even if the indicator does not go on. Replacing the batteries also helps to prevent leakage that can corrode and damage the device.

Technical / Hardware Specifications

Vivint Part Number (P/N)	VS-KPAD01-001
Model Number (M/N)	KP01
Wireless Signal Range	Up to 100 m
Code Outputs	Key press 0-9; STAY; AWAY; CLEAR; FIRE; PANIC; EMERGENCY; Supervisory; Low Battery
Transmitter Frequency	908.42 MHz / 916 MHz (crystal controlled)
Transmitter Freq. Tolerance	< 25 KHz
Transmitter Bandwidth	< 100 KHz
Modulation Type	FSK / GFSK
Unique ID Codes	Over one (1) million different code combinations
Peak Field Strength	Typical 93 uV/m at 3m
Dimensions (WxHxD)	5.91 x 3.15 x 1.05 in. (15.0 x 8.0 x 2.6 cm)
Weight (incl battery & bracket)	7.69 oz. (218 g)
Housing Material	ABS plastic
Color	Gray and white
Operating Temperature	32° to 120° F (0° to 49° C)
Relative Humidity	5-95% Non-Condensing
Batteries	Four (4) 1.5V AAA alkaline batteries
Battery Life	1 year under normal usage
Warranty*	30 months from date of manufacture
Included Accessories	Two (2) Phillip's head screws; two (2) plastic wall anchors; double-sided tape

Standards Certifications & Listings

FCC	FCC Part 15 Class B, ISED, for Indoor Residential Use Only
Safety Certification	cETLus Listed
Z-Wave Alliance	ZC12-21030206
Conforms to UL 985	*Standard for Household Fire Warning System Units*
Conforms to UL 1023	*Standard for Household Burglar-Alarm System Units*
Certified to ULC S545	*Standard for Residential Fire Warning Systems*
Certified to ULC S304	*Standard for Control Units, Accessories and Receiving Equipment for Intrusion Alarm Systems*
FCC ID	2AAAS-KP01
IC	10941A-KP01

*For complete regulatory compliance information, go to: vivint.com/fcc.

ETL Intertek
5021666

FCC and ISED Canada Regulatory Compliance Declarations*

CAUTION! Unauthorized changes or modifications could void the user's authority to operate the equipment.

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules and Industry Canada license-exempt RSS standard(s). 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 of the device.

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 and 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 the 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/television technician for help.

PRUDENCE! Changements ou modifications pourraient annuler le droit de l'utilisateur à utiliser l'équipement non autorisées.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

(1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en fonctionnement.

Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre une énergie de radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, il peut causer des interférences nuisibles aux communications radio. Cependant, il n'existe aucune garantie que des interférences no se produiront pas dans une installation particulière. Si cet équipement provoque des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en mettant l'équipement hors et sous tension, l'utilisateur est encouragé à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes:

- Réorienter ou déplacer l'antene de réception. • Augmentez la distance entre l'équipement et le récepteur.
- Connecter l'équipement à une sortie sur un circuit différent de celui sur lequel le récepteur est branché.
- Consulter le revendeur ou un technicien radio / télévision expérimenté pour de l'aide.