IN THE UNITED STATES DISTRICT COURT
FOR THE EASTERN DISTRICT OF TEXAS

SHERMAN DIVISION

INNOVATION SCIENCES, LLC, Plaintiff, v. RESIDEO TECHNOLOGIES, INC., Defendant.	**Civil Action No. 4:19-cv-0771** **JURY TRIAL DEMANDED**

COMPLAINT FOR PATENT INFRINGEMENT

Plaintiff Innovation Sciences, LLC ("Innovation" or "Plaintiff"), for its Complaint against Defendant Resideo Technologies, Inc. ("Resideo" or "Defendant"), alleges the following:

NATURE OF THE ACTION

1. This is an action for patent infringement arising under the Patent Laws of the United States, 35 U.S.C. § 1 *et seq*.

THE PARTIES

2. Plaintiff is a corporation organized under the laws of the State of Texas with a place of business at 5800 Legacy Circle, Suite 311, Plano, Texas 75024.

3. Upon information and belief, Defendant Resideo is a corporation organized and existing under the laws of Delaware, with its principal place of business located at 901 East 6th Street, Austin, Texas 78702, and can be served through its registered agent, Corporation Service Company, 251 Little Falls Drive, Wilmington, DE 19808. Upon information and belief, Resideo sells and offers to sell products and services throughout the United States, including in this judicial district, and introduces products and services that into the stream of commerce and that

incorporate infringing technology knowing that they would be sold in this judicial district and elsewhere in the United States.

JURISDICTION AND VENUE

4. This is an action for patent infringement arising under the Patent Laws of the United States, Title 35 of the United States Code.

5. This Court has subject matter jurisdiction under 28 U.S.C. §§ 1331 and 1338(a).

6. Venue is proper in this judicial district pursuant to 28 U.S.C. § 1400(b). Resideo is a foreign corporation and may be sued in this judicial district. Venue is further proper because, upon information and belief, Resideo has committed acts of infringement in this judicial district, and/or has purposely transacted business involving the accused products in this judicial district.

7. On information and belief, Defendant is subject to this Court's general and specific personal jurisdiction because it has sufficient minimum contacts within the State of Texas and this District, pursuant to due process and/or the Texas Long Arm Statute because Defendant purposefully availed itself of the privileges of conducting business in the State of Texas and in this District, because Defendant regularly conducts and solicits business within the State of Texas and within this District, and because Plaintiff's causes of action arise directly from each of Defendant's business contacts and other activities in the State of Texas and this District.

COUNT I – INFRINGEMENT OF U.S. PATENT NO. 10,368,125

8. The allegations set forth in the foregoing paragraphs 1 through 7 are incorporated into this First Claim for Relief.

9. On July 30, 2019, U.S. Patent No. 10,368,125 ("the '125 Patent"), entitled "METHOD AND SYSTEM FOR EFFICIENT COMMUNICATION," was duly and legally

issued by the United States Patent and Trademark Office. A true and correct copy of the '125 Patent is attached as Exhibit 1.

10. The inventions of the '125 Patent provide for efficient communications and resolve technical problems related to the use of a multi-function wireless hub for information processing. For example, the '125 Patent overcomes limitations in the prior art relating to efficiently delivering multimedia information content received over a wireless communication network. Furthermore, the '125 Patent overcomes limitations in the prior art relating to providing alerts as to the status of an item over the internet or other next-generation wireless communication network.

11. The inventions allow a user to efficiently set up a system comprising a hub configured to receive and convert wireless signals, as well as to communicate information concerning status updates for associated devices via multiple channels.

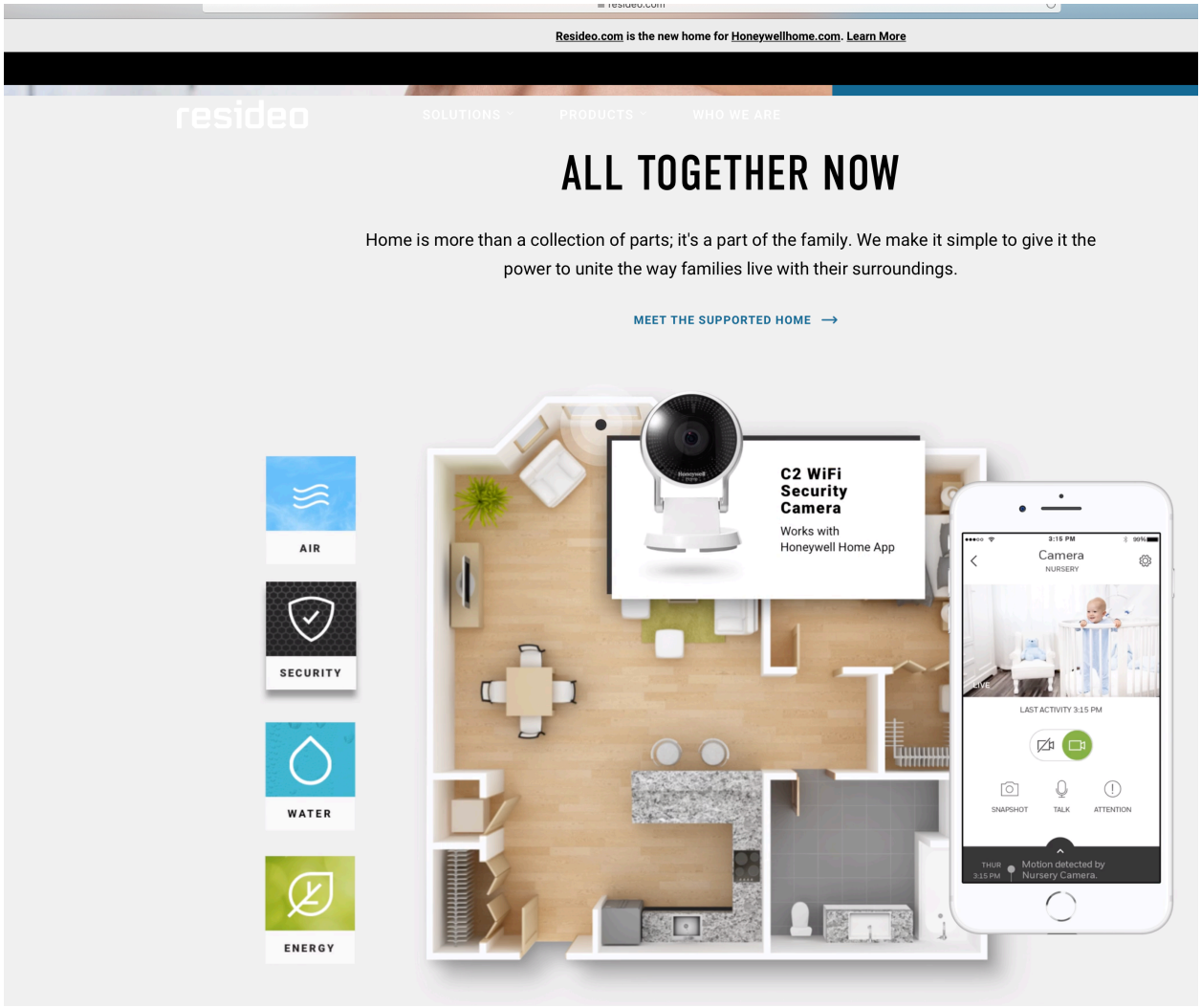
12. The claims of the '125 Patent recite an invention that is not merely the routine or conventional use of a wireless hub system. Instead, the invention integrates multiple wireless communications via cloud computing and management. For example, this invention uses WiFi and cellular networks and separate short range wireless channels to communicate information regarding the status of office/home devices.

13. The technology claimed in the '125 Patent does not preempt all ways of using wireless hub based decoding or monitoring systems, nor preempt the use of all wireless hub based decoding or monitoring systems, nor preempt any other well-known or prior art technology.

14. Accordingly, each claim of the ’125 Patent recites a combination of elements sufficient to ensure that the claim in practice amounts to significantly more than a patent on an ineligible concept.

15. Plaintiff is the assignee and owner of the right, title and interest in and to the ’125 Patent, including the right to assert all causes of action arising under said patents and the right to any remedies for infringement of them.

16. Upon information and belief, Defendant has and continues to directly infringe at least claims 38, and 47 of the ’125 Patent by making, using, offering to sell, selling, importing and/or providing and causing to be used in the United States Honeywell Home products, including but not limited to the video cameras, LYNX Series, LYRIC Series, CHS5200, CHS5500, and CHS5700 (collectively the “Accused Instrumentalities”). The “Accused Instrumentalities” include all current and future Resideo products, systems, and/or devices which operate in substantially similar fashion so as to infringe one or more claims of the ’125 Patent.



UNDIVIDED ATTENTION

What makes a Resideo home a supported home? It's the connections behind the walls, before

Resideo.com is the new home for Honeywellhome.com. Learn More

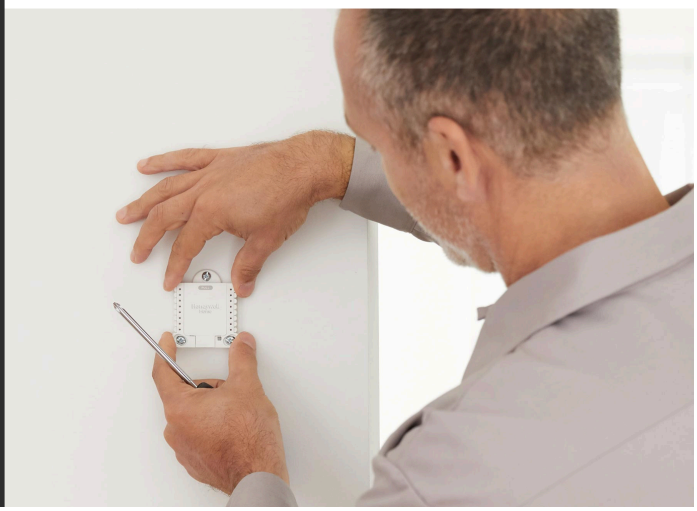
UNDIVIDED ATTENTION

What makes a Resideo home a supported home? It's the connections behind the walls, before your eyes and throughout your life. The way homeowners become home masters and pros become home heroes. And ultimately, the way products become partners to keep the people and possessions under each roof comfortable, safer and more secure.

MEET THE SUPPORTED HOME →

SUPPORT YOUR HOME

Take care of your home the way it takes care of you: like one of the family. Our holistic approach to supporting the essential activities of your home joins innovative products with professional installation, subscription services and special offers.



https://www.resideo.com/us/en/

control/communicator that features easy installation and usage. A built-in speaker provides voice annunciation of system status along with voice descriptors of each zone. An internal module (if provided) allows the LYNX Touch to communicate with the Central Station via the Internet or GSM Cellular Wireless.

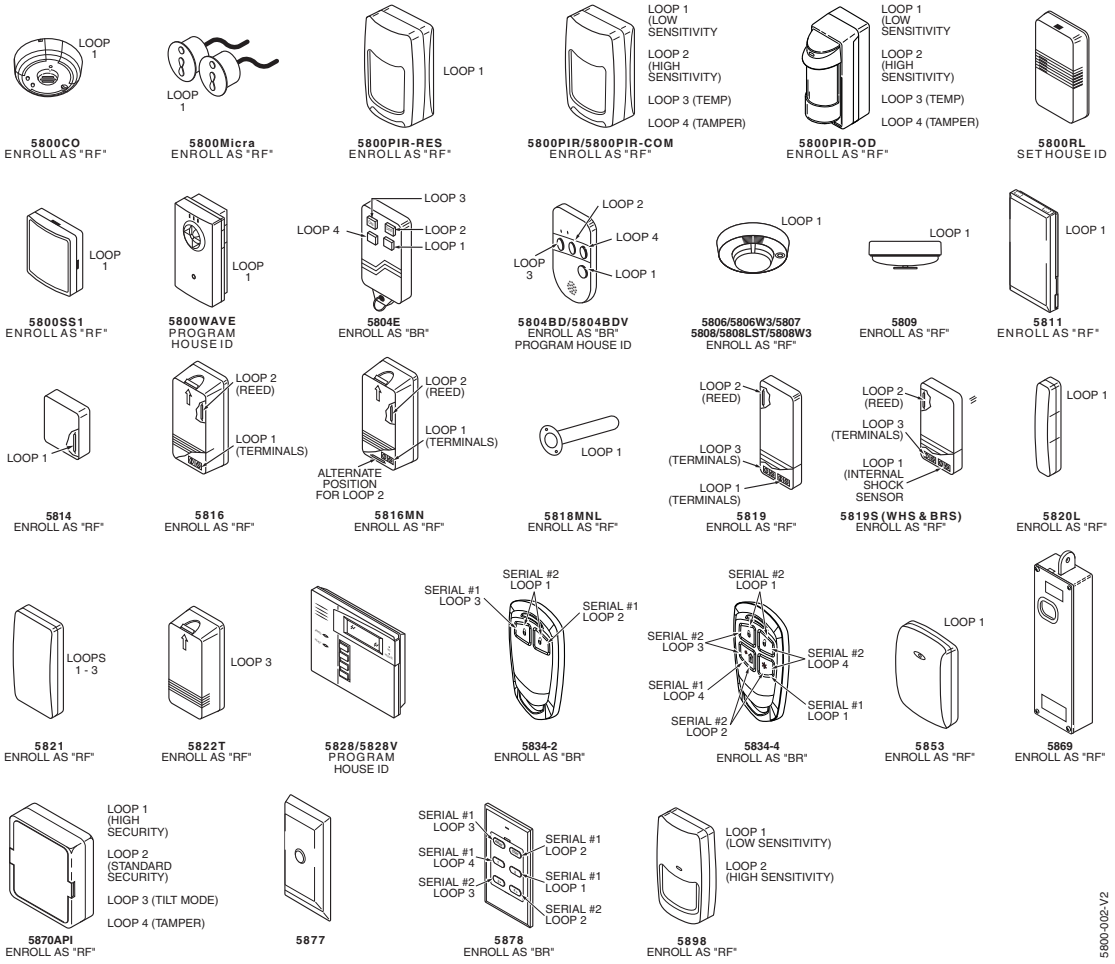
UL **LYNX Touch is not intended for UL985 Household Fire applications unless a 24-hour backup battery (P/N 300-03866/LYNXRCHKIT-SHA) is installed.**

System Features	**L5200**	**L7000**
• 4.7-inch color graphic touch screen	✓	n/a
• 7.0-inch color graphic touch screen	n/a	✓
• Message center (for user recorded messages)	✓	✓
• Voice announcement of system and zone status	✓	✓
• User selectable voice chimes	10	10
• Reminders	✓	✓
• Automatic stay arming	✓	✓
• Night stay arming	✓	✓
• Remote phone control	✓	n/a
• Speaker phone operation	✓	n/a
• “Follow me” reminder and system announcements	✓	n/a
• User Codes (Installer, Master, Guest, Duress)	32	48
• Panic Functions (Police, Fire, Medical)	✓	✓
• Programmable reminders	16	16
• Video Camera Control (requires installation of a L5100 WiFi Module)	1	4
• Supports Mobile Devices (Tablet, iPAD, etc.) that duplicate functions of the LYNX Touch (i.e.; Security, Web Content Home Automation and Video Control)	4	4
Home Automation (requires installation of a L5100 Z-Wave Module)		
• Control Z-Wave Home Automation devices	✓	✓
- Thermostats	3	4
- Door locks	4	6
- Devices (outlets, switches, lamps/appliances)	40	40
• Supports Garage Door Feature (5877 Relay Receiver)	3	4
• Programmable scheduled events, rules and scenes	20	20
• Supports Z-Wave Network Wide Inclusion (NWI) Mode	✓	✓
Zones and Devices		
• Hardwire Zone (EOLR, N/C, N/O)	1	1
• Wireless Zones (5800 Series transmitters)	63	79
• Wireless Button (Keyfob) Zones (5800 Series transmitters)	16	24
• Garage Door Zones	3	4
• Temperature Zones	6	8
• Resident Monitor Zone Types	2	2
• Supports wireless keypads	✓	✓
• Built-in Case tamper	✓	✓

5800 Series Transmitter Loop Numbers

(Refer to this information when programming transmitters)

The following illustration shows the compatible transmitters, their associated input types and loop designations.



Notes: (1) The 5806W3 smoke detector must be used in SIA applications.

(2) Button type (BR) devices send only fault and low battery signals; no restore or check-in signals.

Supervised RF (RF) devices send periodic check-in signals, faults, restore and low battery signals.

Unsupervised RF (UR) devices send periodic check-in signals, faults, restore and low battery signals but the control does not supervise the check-in signals.

(3) If an external sounder is required, the 5800WAVE should be used.

(4) The 5804E and 5834-4 encrypted (High-Security) devices must be activated while the system is in Go-No-Go Test Mode. Refer to the transmitter's Installation Instruction for complete details. The system will confirm the enrollment of the encrypted device by beeping two times

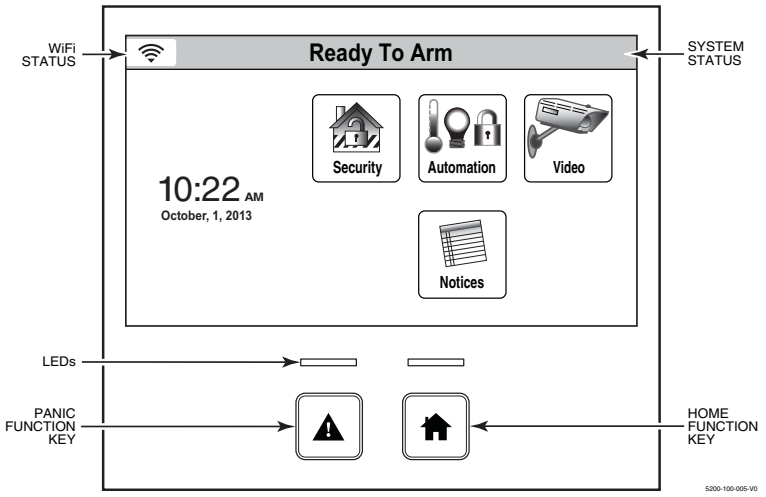
(5) The 5800PIR-OD, 5800RL, 5800SS1, 5804E, 5804BD, 5804BDV, 5814, 5816TEMP, 5821, 5822T and 5828/5828V, 5877, 5878 wireless transmitters have not been evaluated by UL/ETL.

Mechanics of Programming

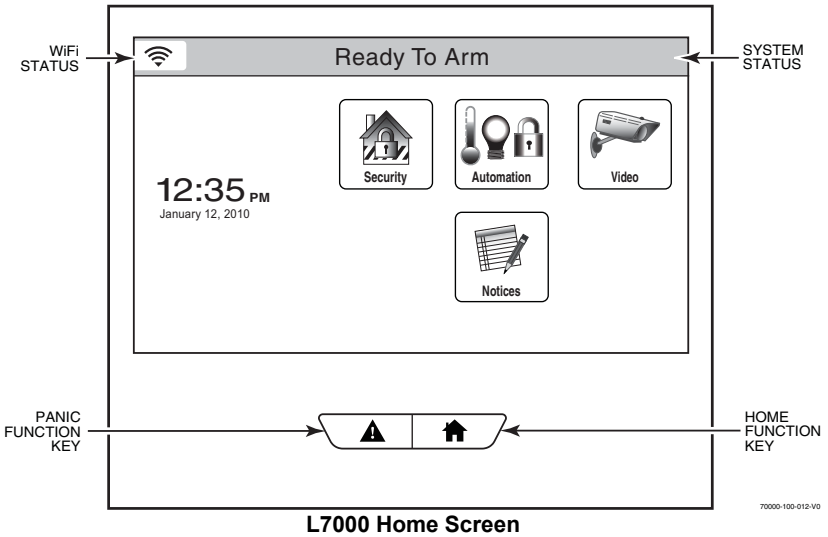
Navigating Menus

Touch-screen Display

LYNX Touch's Liquid Crystal Display (LCD) touch-screen displays variable icons and text on "screens". The screen displays status icons and associated text, the current time and date, system status information and menu choices. The Menu area includes a list of commands, or choices that apply to the current selection. The status area provides information about various system events and a colored bar also provides an indication of system status. A "Home Screen" is displayed whenever power is applied to the system. In addition, on the L5200 the Green (Ready) LED is lit when the system is ready or flashes when it is not. The Red (Armed) LED is lit when the system is Armed. On the L7000 the Home Function key is lit Green when the system is ready or flashes when it is not. When the system is armed the Home Function key is lit Red.



L5200 Home Screen



L7000 Home Screen

Key	Description
⚠	**Panic key -** Initiates panic alarm options when depressed for 4 seconds.
⌂	**Home key -** Used to exit from a screen or return to the home screen

Mechanics of Programming

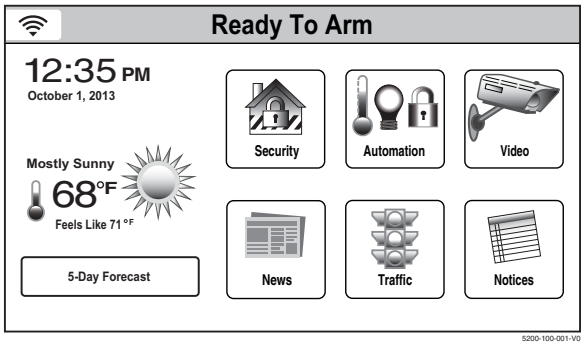
Navigation Keys

Navigating through the screens is accomplished by lightly touching the icons or menu items on the touch-screen. Once activated, the control advances to the next screen. Selecting the "Home" (cancel) key or the "⮌" Key will return you to the previous screen at any time unless System Programming mode is active. By Touching (selecting) an icon or key the system, depending on the function, advances to another screen, toggles between options or scrolls through multiple options that can be selected. The system provides a prompt when a specific input is required.

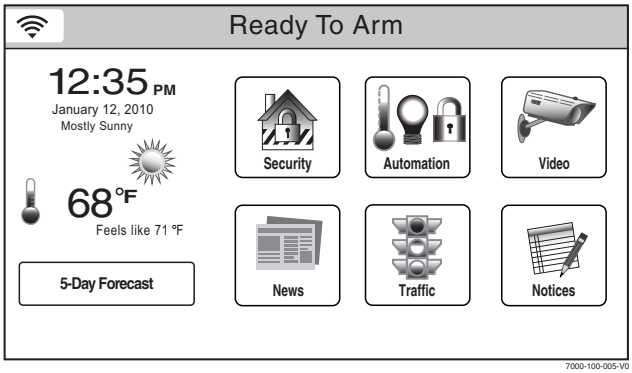
Note: You may find it convenient to adjust the volume setting before entering the Program Mode. This will allow you to clearly hear the feedback announcements or system beeps from the system's built-in speaker. To adjust the volume, select "More" on the "Security Screen" and then select "Settings". Adjust the volume using the slide displayed on the Settings screen and then select "Save" to accept. Upon exiting the Program Mode, the system resets the volume to the default value (mid level).

Home Screen

System Status is displayed at the top of screen. In addition to the system status, the Home Screen displays the current date and time and Security, Automation, Video and Notices icons. When Total Connect Services are connected and web content is enabled, Weather, News, Traffic and Notices icons are displayed along with the current weather forecast and a 5-Day Forecast button.



L5200 Home Screen with Total Connect Services



L7000 Home Screen with Total Connect Services

Icon or Button	Function
Security	Provides access to Security Screen
Notices	Provides access to Dealer Notification Message Screen
Automation	Provides access to Automation Screen
Video	Provides access to Video Screen
News	Provides access to News Screen
Traffic	Provides access to Traffic Screen
5-Day Forecast	Provides access to local 5-Day Weather Forecast Screen
Weather	Provides local forecast and severe weather alerts

Mechanics of Programming

Navigating Menus

Security Screen

System Status is displayed at the top of each screen and the time and date are displayed at the bottom of the Security Screen. The Security menu Screens differ between the LYNX Touch L5200 and the L7000 versions. Refer to the paragraphs below for additional information.

Security Menu

The Security Screen consists of two pages. The first page displays the system status and selection "icons" and "tabs". The displayed pages and options may vary slightly depending upon the devices and services that are installed in or connected to the system.

Selection	Function
Zones	Provides access to Zone information and options.
System	Provides information about system status
Arm Away	Used to Arm the system in Away mode (displayed on both Home Screen pages).
Arm Stay	Used to Arm the system in Stay mode (displayed on both Home Screen pages).
Message	Provides access to Message Center.
Phone	Provides access to Speaker Phone mode. (if programmed L5200 only)
Delay/Instant	Used to toggle between exit delay and instant arming options
More	Advances system to second page of the Home Screen.

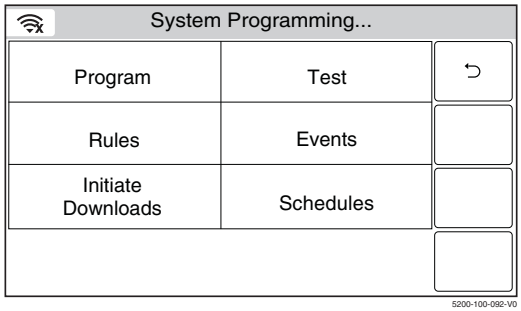
The second page also displays the system status and additional selection "icons" and "tabs".

Selection	Function
Tools	Provides access to Installer and User Programming Menus (Master User Code required for access).
Arm Away	Used to Arm the system in Away mode (displayed on both Home Screen pages).
Arm Stay	Used to Arm the system in Stay mode (displayed on both Home Screen pages).
Settings	Provides access to various keypad functions (i.e.; Brightness, Contrast, Volume, Voice, Chime & Ringer).
Delay/Instant	Used to toggle between exit delay and instant arming options (displayed on both Home Screen pages).
Back	Returns system to first page of the Home Screen.

Installer Tools Menu

The Tools/Installer Menu provides access to the Installer configurable features and displays six options. Entering the Installer Code is required to access the Installer Menu.

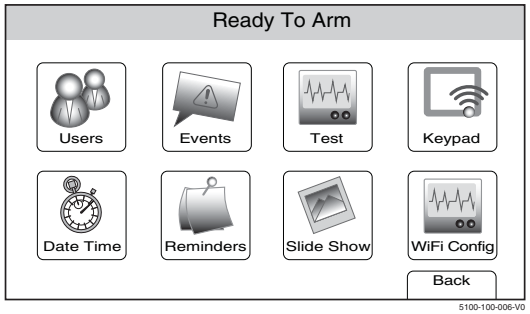
Note: For information regarding the Rules, Events and Schedules programming screens, refer to the User Manual.



Installer Tools Menu Page

User Tools Menu

The User Menu provides access to the User configurable features and displays eight options. Entering the Master User Code is required to access the User Menu.



User Tools Menu Page

control/communicator that features easy installation and usage. A built-in speaker provides voice annunciation of system status along with voice descriptors of each zone. An internal module (if provided) allows the LYNX Touch to communicate with the Central Station via the Internet or GSM Cellular Wireless.

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• Voice announcement of system and zone status	✓	✓
• User selectable voice chimes	10	10
• Reminders	✓	✓
• Automatic stay arming	✓	✓
• Night stay arming	✓	✓
• Remote phone control	✓	n/a
• Speaker phone operation	✓	n/a
• "Follow me" reminder and system announcements	✓	n/a
• User Codes (Installer, Master, Guest, Duress)	32	48
• Panic Functions (Police, Fire, Medical)	✓	✓
• Programmable reminders	16	16
• Video Camera Control (requires installation of a L5100 WiFi Module)	1	4
• Supports Mobile Devices (Tablet, iPAD, etc.) that duplicate functions of the LYNX Touch (i.e.; Security, Web Content Home Automation and Video Control)	4	4
Home Automation (requires installation of a L5100 Z-Wave Module)		
• Control Z-Wave Home Automation devices	✓	✓
- Thermostats	3	4
- Door locks	4	6
- Devices (outlets, switches, lamps/appliances)	40	40
• Supports Garage Door Feature (5877 Relay Receiver)	3	4
• Programmable scheduled events, rules and scenes	20	20
• Supports Z-Wave Network Wide Inclusion (NWI) Mode	✓	✓
Zones and Devices		
• Hardwire Zone (EOLR, N/C, N/O)	1	1
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• Wireless Button (Keyfob) Zones (5800 Series transmitters)	16	24
• Garage Door Zones	3	4
• Temperature Zones	6	8
• Resident Monitor Zone Types	2	2
• Supports wireless keypads	✓	✓
• Built-in Case tamper	✓	✓

http://d1unzhqf5a606m.cloudfront.net/documents/honeywell-l5200-and-l7000-installation-manual-and-setup-guide.pdf (Exhibit 3).

17. By way of example, claim 47 of the '125 Patent recites an intelligent wireless hub system having a device identifier, configured to receive a wireless signal through a local area network communication channel. The claimed hub system converts the compressed wireless signal by decompression to produce corresponding information content. The wireless hub system is further configured to communicate information regarding the status of an item in connection with a separate short range communication.

18. The Accused Instrumentalities infringe claim 47 of the '125 Patent, because each of the Accused Instrumentalities acts as an intelligent wireless hub system configured to receive, through a wireless network communication channel and via a network interface, a wireless signal, decompress the signal with a decoder, and convert it for production of corresponding information content. The Accused Instrumentalities are further configured to communicate information regarding an updated status of a device based on a short range communication initiated by a sensing device associated with a home or office device.

19. The Accused Instrumentalities each include a network interface configured to receive compressed wireless signals via a network communication channel. For example, the Accused Instrumentalities can receive a wireless signal through a Wireless Local Area Network (WLAN) or Wi-Fi network, or a cellular network.

20. The Accused Instrumentalities each have a decoder. For example, the processors used in the Accused '125 Instrumentalities have codecs used to decode video and audio signals.

21. The Accused Instrumentalities support different compressed video and audio formats that are decompressed by the codecs included in the processors for the Accused

Instrumentalities. Examples of compressed audio file formats that can be handled by the Accused Instrumentalities include one or more of .3gp, .mp4, .m4a, .aac, .ts., .flac, .mp3, .mid, .ogg, .mkv, .wav, and .amr.

22. Examples of compressed video file formats that can be handled by the Accused Instrumentalities include one or more of .3gp, .mp4, .m4a, .aac, and .ts.

23. The Accused Instrumentalities each have a network interface configured to provide a communication through a network communication channel. For example, each of the Accused Instrumentalities can provide a communication through a communication channel established on a Wi-Fi and/or cellular network.

24. Each of the Accused Instrumentalities are further configured to communicate, via the network communication channel, information regarding an updated status about a home or office device, based on a short range wireless communication (via, for example, Zigbee or Z-Wave channel) initiated by a sensing device associated with such home or office device. For example, the Accused Instrumentalities, using the Amazon Alexa that comes with it, can control, monitor, or otherwise manage a status of an item, such as a smart home device. In order to control or monitor a status of an item, the Accused Instrumentalities are configured to communicate information (for example) through a communication channel established on a Wi-Fi connection.

25. The Accused Instrumentalities communicate with smart devices, such as switches, sensors, video cameras, etc.

26. On information and belief, the Accused Instrumentalities are used, marketed, provided to, and/or used by or for each of Defendant's partners, clients, customers and end users across the country and in this District.

27. Defendant was made aware of the ’125 Patent and its infringement thereof at least as early as July 30, 2019. Plaintiff’s Counsel sent Defendant actual notice of the claims of the ’125 Patent on May 6, 2019, in the form of a letter with the Notice of Allowance attached with the actual patent claims of the ’125 Patent included as an attachment to the letter. See Exhibit 2..

28. The Accused Instrumentalities are configured to infringe, and do in fact infringe, at least one claim of the ’125 Patent directly, as marketed, used, offered for sale, and/or sold by Defendant in the United States.

29. Additionally and/or in the alternative, and upon information and belief, since at least the time Defendant received notice, Defendant has induced and continues to induce others to infringe at least one claim of the ’125 Patent under 35 U.S.C. § 271(b) by, among other things, and with specific intent or willful blindness, actively aiding and abetting others to infringe, including but not limited to Defendant’s partners, clients, customers, and end users, whose configuration and use of the Accused Instrumentalities constitutes direct infringement of at least one claim of the ’125 Patent.

30. In particular, Defendant’s actions that aid and abet others such as its partners, customers, clients, and end users to infringe include advertising and distributing the Accused Instrumentalities and providing advertising, instruction materials, training, and services regarding the Accused Instrumentalities. On information and belief, Defendant has engaged in such actions with specific intent to cause infringement or with willful blindness to the resulting infringement because Defendant has had actual knowledge of the ’125 Patent and knowledge that its acts were inducing infringement of the ’125 Patent since at least the date Defendant received notice that such activities infringed the ’125 Patent.

31. Additionally and/or in the alternative, and upon information and belief, Defendant is liable as a contributory infringer of the ’125 Patent under 35 U.S.C. § 271(c) by making, using, offering to sell, selling, and/or importing into the United States the Accused Instrumentalities and components thereof, which are especially made or adapted for use in an infringement of one or more claims of the ’125 Patent. The Accused Instrumentalities are a material component for use in practicing one or more claims of the ’125 Patent and are specifically made and are not a staple article of commerce suitable for substantial non-infringing use.

32. Since at least the date of issuance of the ’125 Patent, Defendant has willfully infringed the claims of the ’125 Patent, based on prior litigation and the notice given to Defendant on May 6, 2019 in a letter to Resideo’s counsel disclosing the impending issuance and attaching the notice of allowance containing the patent claims. See Exhibit 2.

33. Plaintiff has been harmed, and will continue to suffer harm, by Defendant’s infringing activities.

JURY DEMAND

Pursuant to Rule 38 of the Federal Rules of Civil Procedure, Plaintiff demands a trial by jury on all issues triable as such.

PRAYER FOR RELIEF

WHEREFORE, Plaintiff demands judgment for itself and against Defendant as follows:

A. An adjudication that Defendant has infringed the ’125 Patent;

B. An award of damages to be paid by Defendant adequate to compensate Plaintiff for Defendant’s past infringement of the ’125 Patent and any continuing or future infringement through the date such judgment is entered, including interest, costs, expenses and an accounting of all infringing acts including, but not limited to, those acts not presented at trial;

C. A declaration that this case is exceptional under 35 U.S.C. § 285, and an award of Plaintiff's reasonable attorneys' fees;

D. An award of damages to be paid by Defendant in the form of an ongoing royalty for all infringing manufacture, use, importation, and sale of infringing devices and products following trial in this matter and extending through the date the '125 Patent expires; and

E. An award to Plaintiff of such further relief at law or in equity as the Court deems just and proper.

Dated: October 19, 2019

Respectfully submitted,

/s/ *M. Scott Fuller*

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