NOTIFIER®
by Honeywell

NEW AV NOTIFICATION APPLIANCES – THE L-SERIES



L-Series

Overview | **Benefits** | **Launch**

NOTIFIER®
by Honeywell

OVERVIEW

The Lineup

- New Line of AV Devices (indoor and 2-wire only)
  - Horns, Strobes, and Horn Strobes
  - Chimes and Chime Strobes
  - Speakers and Speaker Strobes
  - Accessories
- Additions
  - Compact Horns
  - Compact Strobes
  - Compact Horn Strobes
  - Ceiling Chime Strobes
  - 8” Speaker (with tile bridge)









The Details

- Attractive, Smaller “Compact” Design
- Backwards Compatible
  - Compatible with previous designs dating back to 1997
  - Standard models have same footprint as SpectrAlert Advance
  - Sync. protocols SpectrAlert and SpectrAlert Advance
- Model Number Structure Remains Consistent
  - Added an “L” to the previous part numbers
    - Example: P2R → P2RL
  - Added a “G” for compact size
    - Example: P2R → P2GRL

- New Accessories
  - Bezel kits – Replaces Stick-on Labels!
  - Colored lenses
  - Surface-mount back boxes
    - Wall: Horn Strobe (Std) and compact single-gang, and Speaker/Speaker Strobe
    - Ceiling: Common for Horn Strobe and Speaker Strobe
  - Trim rings for competitive retrofits of larger devices



The “Easies”

Easy to Specify

- Widest range of candela settings on wall and ceiling – 15 to 185cd settings
- New modern design
- Consistent family look
- Low profile, compact size
- Easy and consistent model number selection
- System Sensor protocol is widely used



Easy to Configure

- Field-selectable settings
  - Candela
  - Tone selection
  - Speaker voltage
  - Power settings
  - Automatic selection of 12- or 24-volt operation
- Installers can easily setup devices to meet requirements
- Candela setting is clearly visible from the floor for easy, less time-consuming inspection

The Flagship Features

Carried Over

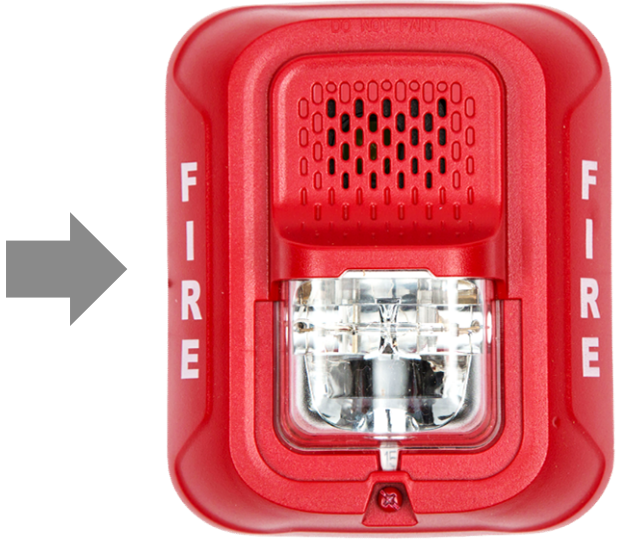
- Plug-in design – reduces time and expense to install
- Preliminary “snap” feature – holds device in place
- One screw device mounting
- Universal mounting plate with onboard shorting spring

Improvements

- More room for wiring – for speakers, added ¼″ of room in the box making wiring easier and reduces shorts
- Sync issues are resolved on power up- clean Temp 3



SpectrAlert Advance



L-Series

The “Familiars”

- Some Legacy Models will still be offered
  - 4-Wire Horns and Horn Strobes
  - Outdoor AV Products
  - Dual Strobe Expander Plate
  - Low Frequency Sounders
  - Mini-Horns



NOTIFIER®
by Honeywell

KEY BENEFITS

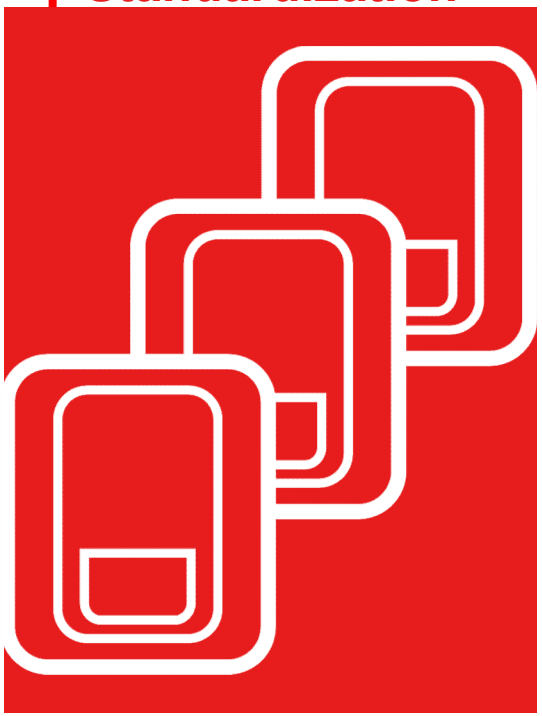
Benefits

↓ Power Consumption



Less Power Supplies per installation

↑ Standardization



Less Inventory and Less shelf space

↑ Expanded Offering



Standard and Compact Sizes

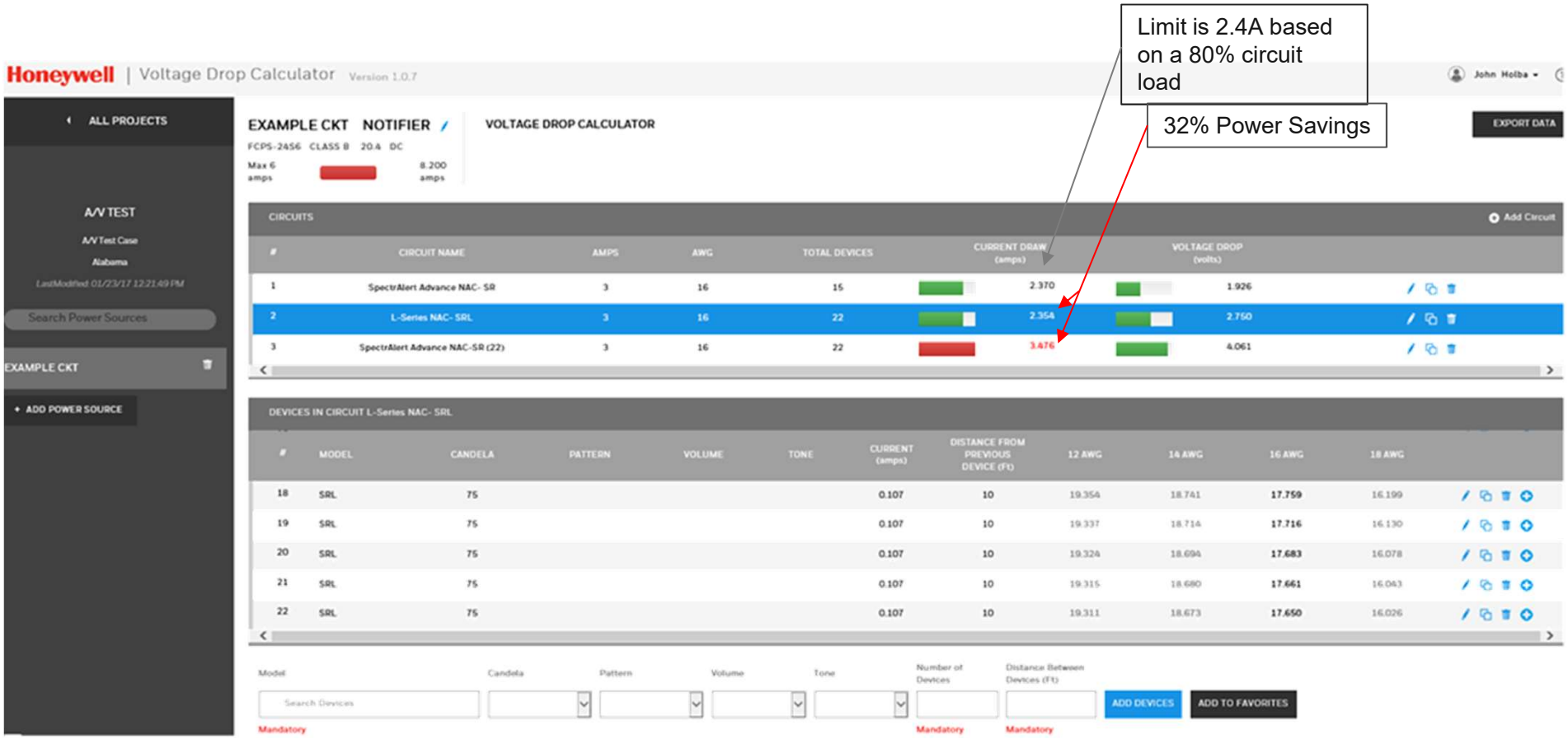
Power Consumption

- Lowest power consumption across the full range of candela settings, 17-35% Savings
  - LED doesn't cover the full range
  - Benefit of LED is lost beyond lowest settings
  - Xenon performs best - illuminate much brighter, much faster (20mS)
- Use more devices without adding power supply cost
  - Current SpectrAlert Product Line
    - With strobes set at 75cd on a 3A regulated power supply and the circuit loaded to 80%, 158mA is required
    - 15 devices can be placed on the NAC*
  - L-Series Product Line
    - Same scenario only requires 108mA
    - 22 devices can be placed on the NAC
    - That's a 44% increase in devices due to the 32% power consumption savings!



Less Power Supplies per installation

Voltage Drop Calculator Example



Power Consumption: Wall Strobes

Current Draw Savings (mA)

Candela	15cd	30cd	75cd	95cd	110cd	135cd	185cd
L Series	43	63	107	121	148	172	222
SpectrAlert Advance	66	94	158	181	202	228	286
Wheelock Exceeder	57	85	135	163	182	205	253
Wheelock LED	30	40	115	N/A	200	N/A	N/A
Gentex (Cmdr)	42	58	116	N/A	161	N/A	N/A

L-Series Power Savings (mA)

Candela	15cd	30cd	75cd	95cd	110cd	135cd	185cd
SpectrAlert Advance	35%	34%	32%	33%	27%	25%	22%
Wheelock Exceeder	25%	26%	21%	26%	19%	16%	12%
Wheelock LED	43%	58%	7%	N/A	26%	N/A	N/A
Gentex (Cmdr)	2%	9%	8%	N/A	8%	N/A	N/A



Power Consumption: Ceiling Strobes

Current Draw Savings (mA)

Candela	15cd	30cd	75cd	95cd	115cd	150cd	177cd
L Series	41	63	111	134	158	189	226
SpectrAlert Advance	66	94	158	181	202	228	286
Wheelock Exceeder	61	85	135	163	182	205	253
Wheelock LED	40	58	115	258	200	N/A	N/A
Gentex (Cmdr)	120	120	200	220	290	321	N/A

L-Series Power Savings (mA)

Candela	15cd	30cd	75cd	95cd	115cd	150cd	177cd
SpectrAlert Advance	38%	33%	30%	26%	22%	17%	21%
Wheelock Exceeder	33%	26%	18%	18%	13%	8%	11%
Wheelock LED	3%	9%	28%	48%	N/A	N/A	N/A
Gentex (Cmdr)	66%	48%	45%	39%	46%	41%	N/A



LED Devices

- Today Xenon performs best - illuminates much brighter, much faster (20mS)
  - It takes a 40cd LED to match a 15cd XENON at 20mS, LED's must be driven much harder to compensate.
  - LED doesn't cover the full candela range
- Benefit of LED is lost beyond lowest 2 settings.
- Up to 48% more current required for higher LED settings
- Ceiling LED Strobes only provide single digit savings at 15cd and 30cd
- Wall Current Draw vs L-Series

Candela	15cd	30cd	75cd	95cd	110cd	135cd	185cd
Wheelock LED	43%	58%	7%	N/A	26%	N/A	N/A

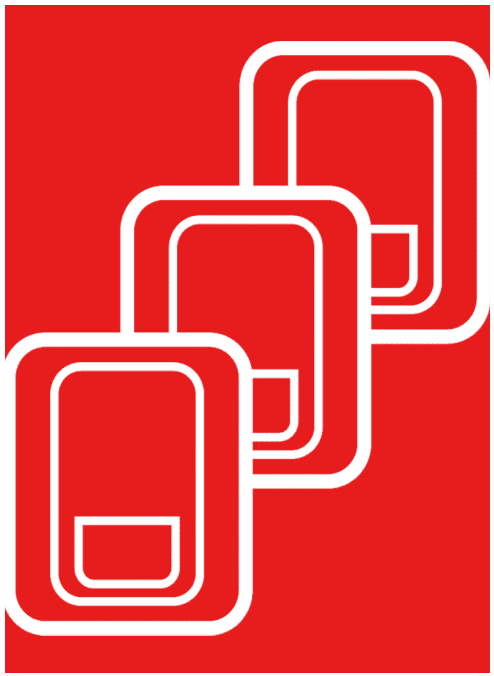
- Ceiling Current Draw vs L-Series

Candela	15cd	30cd	75cd	95cd	115cd	150cd	177cd
Wheelock LED	3%	9%	28%	48%	N/A	N/A	N/A



Standardization

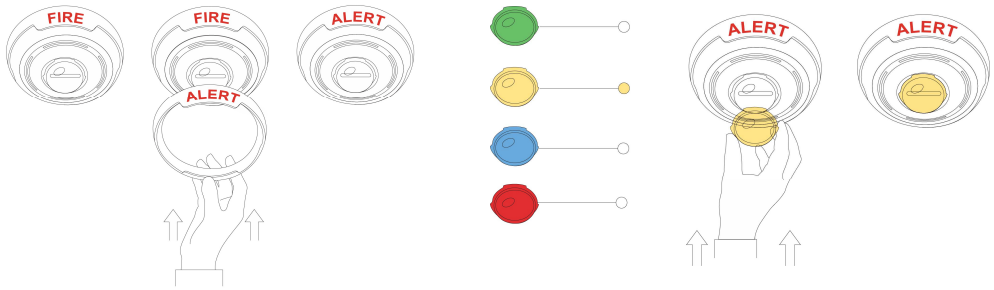
- Simplified the product line – 30% less devices SKU's
- Means lower carrying cost and less hassle for your customers
- Strobes
  - Standard and high candela are now combined into one model
  - Only offering that covers the entire candela range in one model
- Speakers
  - All models are High Fidelity
  - All models work for 520Hz Low Frequency

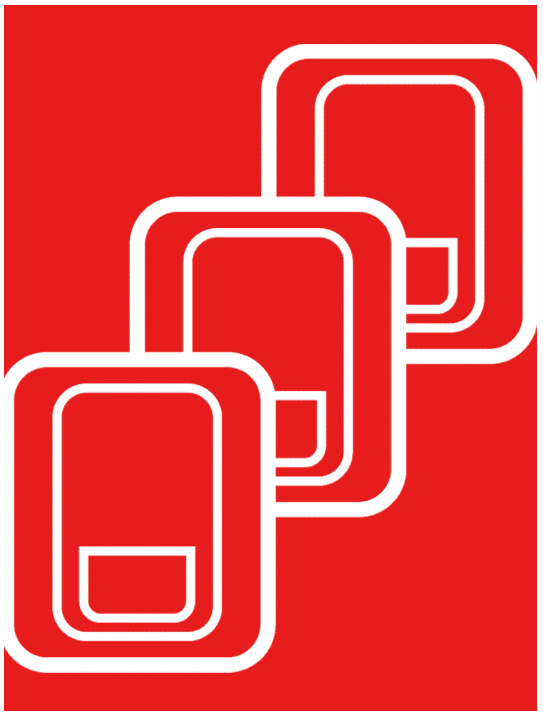


Less Inventory and Less shelf space

Standardization

- Standard based product with new bezels make customization even easier
- Bezels offer a more convenient method to customize products to meet ECS needs while saving time and money as compared to decals
- Bezel Offering: (Wall and Ceiling)
  ALERT, EVAC, AGENT, FUEGO, FOGO





Expanded Offering: New Products

- Compact models
  - Designed with architects in mind
  - Low profile, compact models are visually less obtrusive.
  - Fits nicely on a single-gang back box.
  - Same low power consumption as the standard models and about half of the Genesis competitive product
- Ceiling chime strobe
- 8-watt speaker



Standard and Compact Sizes

Low Profile

- Both Compact and Standard models are low profile (depth)
- Standard model kept 4x4 overall footprint for retrofits
- New compact wall models come in horn, strobe and horn strobe varieties

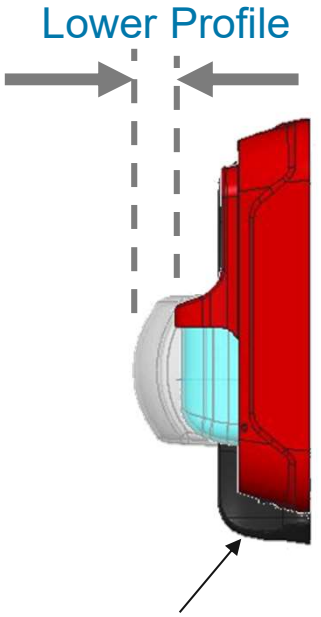




Compact



Standard



SpectrAlert Advance

Expanded Offering - Speaker

- 8” Speaker and Tile Bridge

- SPCW8 – 8” Speaker with Back Can
  - Tap setting: 1/8W, ¼W, ½W, 1W, 2W, 4W, 8W
  - Dual Voltage: 25 – 70 V
  - Tap setting and voltage selected by use of jumper connection

- Ships with a Back Can for surface mounting

- SP-SPC8 Tile Bridge for ceiling tile application
  - Purchased separately
  - Packaged 4 per

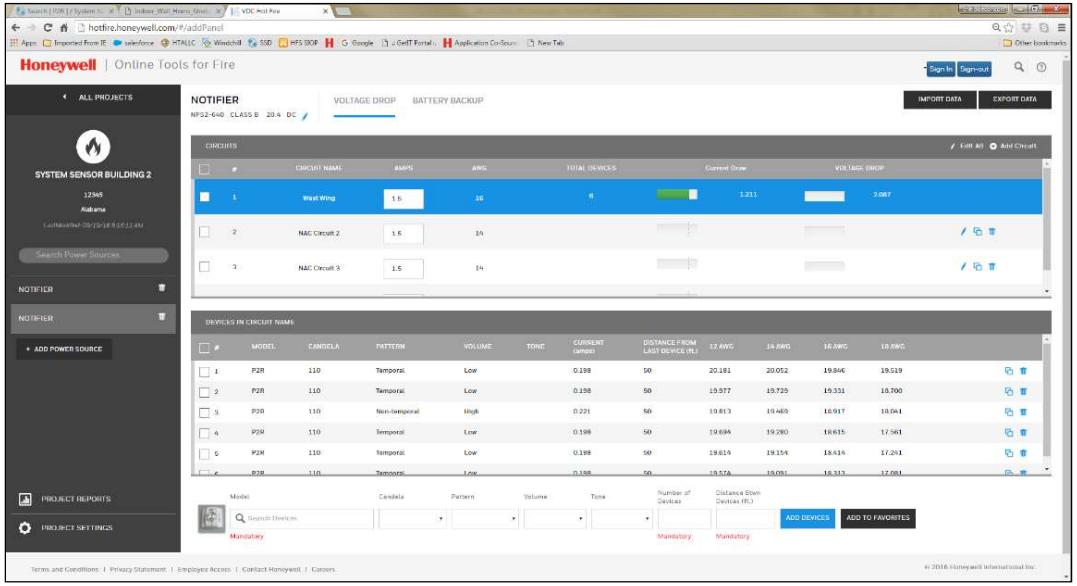


NOTIFIER®
by Honeywell

PRODUCT SUPPORT & TOOLS

Voltage Drop Calculator

- Link to Voltage-Drop-Calculator
- Redesigned online tool, Added L-Series
- Integrated battery backup calculator
- Free to use with account



NOTIFIER®
by Honeywell

FREQUENTLY ASKED QUESTIONS

Can I use an SpectrAlert Advance back box with an L-Series device for a retrofit?

- We have new back boxes for the L-Series. The L-Series back boxes have a slightly different profile so that they match perfectly with the aesthetics of the L-Series devices.



L-Series Device with **L-Series Back Box**



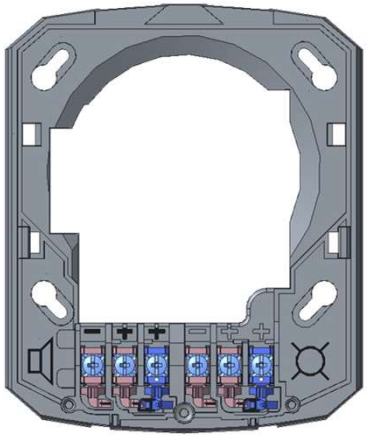
L-Series Device with **SpectrAlert Advance Back Box**

Can I mount an L-Series device to a SpectrAlert Advance back plate for a retrofit?

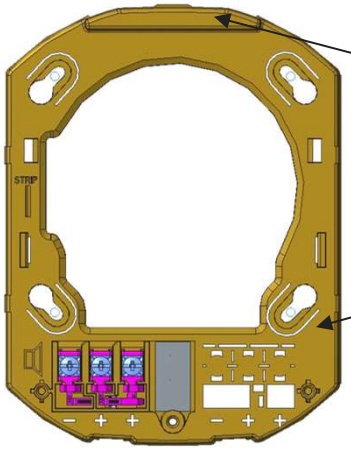
- No, there are new back plates for the L-Series that are supplied with each device. The new back plates are keyed to only work with the L-Series devices. The new back plates have a new and improved electrical interface to the device and are designed not to twist if the installer over tightens the screws when attached to the electrical or back box.

SpectrAlert Advance

Speaker Back Plate



L-Series



FAQs (Continued)

- Why isn't there a 15/75cd Strobe setting?
  - Prior to 2005 the 15/75cd rating was relevant since the National Fire Code 72 and ADAAG had different requirements As of 2005, ADAAG is referencing UL 1971 thus the 15/75cd is no longer valid since it only provides 6cd at 60-degrees of access. The 15cd strobe is the standard setting for typical small spaces like hallways.

- Can I use an L-Series wall device on the ceiling like I did for the SpectrAlert Advance?
  - No, the L-Series wall strobe has been redesigned to provide the lowest profile possible with the Xenon bulb

FAQs (Continued)

- The Horns have new sound options versus the SpectrAlert Advance, how do I know which one to use?
  - The EM or electro mechanical tones are the sound that matches the SpectrAlert Advance. The 3.1KHz tone is now offered in the L-Series, this is the sound that is typically known as the mini-horn sound. There is a link on the web page that provides a cross-reference for all the System Sensor AV devices and has sound files so you can hear the difference. Also, the speakers are capable of making various tones using stored sound files.

- Is there a low frequency sounder option in the L-Series?
  - No, there isn't a new LF Sounder included in this produce release. The SpectrAlert Advance LF Sounder and Sounder Strobe is still available for low frequency applications. L-Series Speaker and Speaker Strobes can be used for low frequency systems as well but require a Head-In/Amplifier.

NOTIFIER®
by Honeywell

MODEL NUMBERS

Model Number Key

Product Categories	Speakers and Speaker Strobes	Horns, Strobes, and Horn Strobe (Standard)	Horns, Strobes, and Horn Strobe (Compact)	
Model Number	**SPSCWL-ALERT**	**PC2RL-P**	**PG2RL-P**	
Category	**SPS**	**P**	**P**	**SP** = Speaker; **SPS** = Speaker Strobe; **P** = horn strobe; **S** = strobe; **H** = horn; **CH** = chime; **CHS** = chime strobe
Mount	**C**	**C**	**N/A***	**C** = Ceiling-Mount (*all other models are wall-mount)
Size	**N/A***	**N/A***	**G**	**G** = Compact (*all other models are standard; ceiling-mount devices do not have compact models)
Wiring	**N/A***	**2**	**2**	**2** = 2-wire; **4** = 4-wire (*horn strobe only)
Color	**W**	**R**	**R**	**W** = White; **R** = Red
Series	**L**	**L**	**L**	**L** = L-Series (No "L" = SpectrAlert Advance)
Marking	**-ALERT**	**-P**	**-P**	**-ALERT** = Amber Lens ALERT; **-CLR-ALERT** = Clear Lens ALERT; **-P** = Plain; **-SP** = FUEGO
Verbal Examples	• **SPSCWL-ALERT** = L-Series, White, Ceiling, Speaker Strobe, w/ Amber Lens and Alert Marking • **SPSRL** = L-Series, Red, Wall, Speaker Strobe • **SPCWL** = L-Series, White, Ceiling, Speaker	• **PC2RL-P** = L-Series, Red, Ceiling, 2-wire, Horn Strobe, w/ Plain Marking • **P2RL** = L-Series, Red, Wall, 2-wire, Horn Strobe • **HRL** = L-Series, Red, Horn • **SCWL** = L-Series, White, Ceiling, Strobe	• **PG2RL-P** = L-Series, Red, Wall, 2-wire, Compact, Horn Strobe, w/ Plain Marking • **P2GRL** = L-Series, Red, Wall, 2-wire, Compact, Horn Strobe • **HGRL** = L-Series, Red, Compact, Horn • **SGWL** = L-Series, White, Wall, Compact, Strobe	
Candela Settings: Wall (15, 30, 75, 95, 110, 135, 185); Ceiling (15, 30, 75, 95 115, 150, 177)				

Model Number Key - Bezels

Product Categories	Speakers and Speaker Strobes	Horns, Strobes, and Horn Strobe (Standard)	Horns, Strobes, and Horn Strobe (Compact)	
Model Number	BZSPWC-SP	BZCW-SP	BZGW-SP	
Bezel Kit	BZ	BZ	BZ	BZ = Bezels
Category	**SP**	**N/A***	**N/A***	**SP** = Speaker; **SPS** = Speaker Strobe (*no letter designates horns, strobes, and horn strobes)
Mount	**C**	**C**	**N/A***	**C** = Ceiling-Mount (*all other models are wall-mount)
Size	N/A*	N/A*	G	G = Compact (*all other models are standard; ceiling-mount devices do not have compact models)
Color	**W**	**W**	**W**	**W** = White; **R** = Red
Series	**N/A***	**N/A***	**N/A***	*All bezels are for L-Series only
Marking	**-SP**	**-SP**	**-SP**	**F** = Fire; **AL** = ALERT; **AG** = AGENT; **EV** = EVAC; **P** = Plain; **SP** = FUEGO; **PG** = FOGO
Verbal Examples	• **BZSPWC-SP** = Bezel for a White, Ceiling, Speaker, w/ Fuego Marking	• **BZCW-SP** = Bezel for a White, Ceiling, Horn Strobe, w/ Fuego Marking	• **BZGW-SP** = Bezel for a White, Compact, Horn Strobe, w/ Fuego Marking	

Model Number Key - Accessories

Product Categories	Surface-mount Back Box	Trim Ring	Retrofit Plate	
Model Number	**SBBCWL**	**TRC-2W**	**RFPW**	
Category	**SBB**	**TR**	**RFP**	**SBB** = Back Box; **TR** = Trim Ring; **RFP** = Retrofit Plate
Mount	**C**	**C**	**N/A***	**C** = Ceiling-Mount (*all other models are wall-mount)
Size	**N/A***	**N/A***	**N/A***	**G** = Compact (*all other models are standard; ceiling-mount devices do not have compact models)
Color	**W**	**W**	**R**	**W** = White; **R** = Red
Series	**L**	**2***	**N/A**	**L** = L-Series (No "L" = SpectrAlert Advance; *for trim rings "2" is used to designate L-Series)
Verbal Examples	• **SBBCWL** = L-Series, White, Ceiling, Surface-mount Back Box	• **TRC-2W** = L-Series, White, Ceiling, Trim Ring	• **RFPW** = White, Retrofit Plate	

Lenses ("2" designates L-Series)					
Wall	**LENS-B2**	**LENS-R2**	**LENS-G2**	**LENS-A2**	**B** = Blue, **R** = Red, **G** = Green, **A** = Amber
Ceiling	**LENS-BC2**	**LENS-RC2**	**LENS-GC2**	**LENS-AC2**	

Ordering Details - Devices

Wall-Mount Horn Strobes

L-Series	Description	Marking	Lens
P2RL	2-WIRE, RED	FIRE	CLEAR
P2WL	2-WIRE, WHITE	FIRE	CLEAR
P2GRL	2-WIRE, RED, COMPACT	PLAIN	CLEAR
P2GWL	2-WIRE, WHITE, COMPACT	PLAIN	CLEAR
P2RL-P	2-WIRE, RED	PLAIN	CLEAR
P2WL-P	2-WIRE, WHITE	PLAIN	CLEAR
P2RL-SP	2-WIRE, RED	FUEGO	CLEAR
P2WL-SP	2-WIRE, WHITE	FUEGO	CLEAR

Ceiling-Mount Horn Strobes

L-Series	Description	Lens
PC2RL	2-WIRE, RED	CLEAR
PC2WL	2-WIRE, WHITE	CLEAR

Wall-Mount Strobes

L-Series	Description	Marking	Lens
SRL	RED	FIRE	CLEAR
SWL	WHITE	FIRE	CLEAR
SGRL	RED, COMPACT	N/A	CLEAR
SGWL	WHITE, COMPACT	N/A	CLEAR
SRL-P	RED	PLAIN	CLEAR
SWL-P	WHITE	PLAIN	CLEAR
SRL-SP	RED	FUEGO	CLEAR
SWL-CLR-ALERT	WHITE	ALERT	CLEAR
SWL-ALERT	WHITE	ALERT	AMBER

Ceiling-Mount Strobes

L-Series	Description	Marking	Lens
SCRL	RED	FIRE	CLEAR
SCWL	WHITE	FIRE	CLEAR
SCWL-CLR-ALERT	WHITE	ALERT	CLEAR

Wall-Mount Horns

L-Series	Description
HWL	WHITE
HRL	RED
HGRL	RED, COMPACT
HGWL	WHITE, COMPACT

Wall-Mount Chimes

L-Series	Description
CHWL	WHITE
CHRL	RED

Wall-Mount Chime Strobes

L-Series	Description	Lens	Spec
CHSRL	RED	EAR	CHS
CHSWL	WHITE	EAR	CHS

Ceiling-Mount Chime Strobes

L-Series	Description	Lens
CHSCRL	RED	CLEAR
CHSCWL	WHITE	CLEAR

Wall-Mount Speakers

L-Series	Description
SPRL	RED
SPWL	WHITE

Ceiling-Mount Speakers

L-Series	Description
SPCRL	RED
SPCWL	WHITE

8-Watt Speakers

L-Series	Description
SPCW8	8-INCH DUAL VOLTAGE
SB-SPC8	TILE SUPPORT BRACKET

Wall-Mount Speaker Strobes

L-Series	Description	Marking	Lens
SPSRL	RED	FIRE	CLEAR
SPSWL	WHITE	FIRE	CLEAR
SPSRL-P	RED	PLAIN	CLEAR
SPSWL-P	WHITE	PLAIN	CLEAR
SPSRL-SP	RED	FUEGO	CLEAR
SPSWL-ALERT	WHITE	ALERT	AMBER
SPSWL-CLR-ALERT	WHITE	ALERT	CLEAR

Ceiling-Mount Speaker Strobes

L-Series	Description	Marking	Lens
SPSCRL	RED	FIRE	CLEAR
SPSCWL	WHITE	FIRE	CLEAR
SPSCWL-P	WHITE	PLAIN	CLEAR
SPSCWL-SP	WHITE	FUEGO	CLEAR
SPSCWL-CLR-ALERT	WHITE	ALERT	CLEAR

Ordering Details - Accessories

Wall-Mount Bezel Kits for Horns and Strobes

L-Series	Description	Marking
BZR-F	RED	FIRE
BZR-AL	RED	ALERT
BZR-AG	RED	AGENT
BZR-EV	RED	EVAC
BZR-P	RED	PLAIN
BZR-SP	RED	FUEGO
BZR-PG	RED	FOGO
BZW-F	WHITE	FIRE
BZW-AL	WHITE	ALERT
BZW-AG	WHITE	AGENT
BZW-EV	WHITE	EVAC
BZW-P	WHITE	PLAIN
BZW-SP	WHITE	FUEGO
BZW-PG	WHITE	FOGO
BZGR-F	RED, COMPACT	FIRE
BZGR-AL	RED, COMPACT	ALERT
BZGR-AG	RED, COMPACT	AGENT
BZGR-EV	RED, COMPACT	EVAC
BZGR-P	RED, COMPACT	PLAIN
BZGR-SP	RED, COMPACT	FUEGO
BZGR-PG	RED, COMPACT	FOGO
BZGW-F	WHITE, COMPACT	FIRE
BZGW-AL	WHITE, COMPACT	ALERT
BZGW-AG	WHITE, COMPACT	AGENT
BZGW-EV	WHITE, COMPACT	EVAC
BZGW-P	WHITE, COMPACT	PLAIN
BZGW-SP	WHITE, COMPACT	FUEGO
BZGW-PG	WHITE, COMPACT	FOGO

Wall Bezel Kits Speaker/Speaker Strobes

L-Series	Description	Marker
BZSPR-P	RED	PLAIN
BZSPR-AL	RED	ALERT
BZSPR-EV	RED	EVAC
BZSPR-AG	RED	AGENT
BZSPR-F	RED	FIRE
BZSPW-P	WHITE	PLAIN
BZSPW-AL	WHITE	ALERT
BZSPW-EV	WHITE	EVAC
BZSPW-AG	WHITE	AGENT
BZSPW-F	WHITE	FIRE

Ceiling Bezel Kits Speaker/Speaker Strobes

L-Series	Description	Marker
BZSPRC-P	RED	PLAIN
BZSPRC-AL	RED	ALERT
BZSPRC-EV	RED	EVAC
BZSPRC-AG	RED	AGENT
BZSPRC-F	RED	FIRE
BZSPWC-P	WHITE	PLAIN
BZSPWC-AL	WHITE	ALERT
BZSPWC-EV	WHITE	EVAC
BZSPWC-AG	WHITE	AGENT
BZSPWC-F	WHITE	FIRE

Ceiling-Mount Bezel Kits for Horns and Strobes

L-Series	Description	Marking
BZRC-F	RED	FIRE
BZRC-AL	RED	ALERT
BZRC-AG	RED	AGENT
BZRC-EV	RED	EVAC
BZRC-P	RED	PLAIN
BZRC-SP	RED	FUEGO
BZRC-PG	RED	FOGO
BZWC-F	WHITE	FIRE
BZWC-AL	WHITE	ALERT
BZWC-AG	WHITE	AGENT
BZWC-EV	WHITE	EVAC
BZWC-P	WHITE	PLAIN
BZWC-SP	WHITE	FUEGO
BZWC-PG	WHITE	FOGO

Color Lenses

L-Series	Description	Lens
LENS-A2	WALL	AMBER
LENS-B2	WALL	BLUE
LENS-G2	WALL	GREEN
LENS-R2	WALL	RED
LENS-AC2	CEILING	AMBER
LENS-BC2	CEILING	BLUE
LENS-GC2	CEILING	GREEN
LENS-RC2	CEILING	RED

120V Adaptor Plate

L-Series	Description
MP120KL	120 VAC ADAPTER MOUNTING PLATE

Surface Mount Back Boxes

L-Series	Description
SBBRL	WALL, RED
SBBGRL	WALL, RED, COMPACT
SBBWL	WALL, WHITE
SBBGWL	WALL, WHITE, COMPACT
SBBSPRL	WALL, SPEAKER, RED
SBBSPWL	WALL, SPEAKER, WHITE
SBBCRL	CEILING, RED
SBBCWL	CEILING, WHITE

Universal Trim Rings

L-Series	Description
TR-2	WALL, RED
TR-2W	WALL, WHITE
TRC-2	CEILING, RED
TRC-2W	CEILING, RED

NOTIFIER®
by Honeywell

THANK YOU!