

# Outdoor Horns, LED Outdoor Strobes and Horn Strobes

**TRIGA LED** Outdoor audible visible notification products are rich with features guaranteed to cut installation times and maximize profits with lower current draw and modern aesthetics.



## Features

- Weatherproof per NEMA 4X, IP56 as a standalone device
- Rated from -40°F to 151°F
- Electrically compatible with Legacy SpectrAlert Advance and SpectrAlert devices at 16-33 VDC
- Field-selectable candela settings on wall units: 15, 30, 75, 95, 110, 135, and 185
- Field-selectable candela settings on ceiling units: 15, 30, 75, 95, 115, 150, and 177
- Rotary switches for candela, horn, and volume
- Mounting plates with wire nuts are provided to make the connection between the field wiring and the mounting plates
- Synchronization through use of UL approved power supplies that support System Sensor Sync or System Sensor MDL Sync Module
- Tamper-resistant construction
- Listed for ceiling or wall mounting
- Compact size for Wall Mount

**TRIGA LED Outdoor platforms** offer the most versatile and easy-to-use line of Weatherproof Horns, Horn Strobes, and Strobes that can meet virtually any application requirement, including indoor, outdoor, wet, dry, and washdown environment applications in temperatures from -40°F to 151°F.

TRIGA LED Outdoor appliances are NEMA 4X and IP56 rated without having to seal the backbox. Additional caulk or sealant are not required on the backbox for a faster, cleaner installation. The L-Series platform offers a modern aesthetic across the Indoor and Outdoor platform and design variations across applications: wall or ceiling mount, red or white color choices, LED colored lenses for distinctive visual signaling. In addition, installers can easily adjust appliances through field selectable candela, tone, and volume selections using rotary switches.

LED technology offers significantly lower current draw compared to older Xenon bulbs across a full candela range. This improves design flexibility for notification appliance circuits (NACs) while also reducing power supply requirements allowing for simpler and lower cost installations. UL listed waterproof wire nuts are provided to make the connection between the field wiring and the mounting plates.

Outdoor devices ship with plastic back boxes that accommodate in-and-out wiring for daisy chaining devices. Knock-outs located on the back eliminate the need to drill holes for screw-in mounting. Note: When replacing SpectrAlert Advance products, the backbox should be updated to the TRIGA LED backbox.

## Agency Listings



## Product Specifications

Physical/Electrical Specifications	
Standard Operating Temperature	-40°F to 151°F (-40°C to 66°C)
Humidity Range	0 to 95 ±5%
Strobe Flash Rate	1 flash per second
Nominal Voltage	Regulated 24 VDC
Operating Voltage Range	16 to 33 V (24 V nominal)
Wiring between Fire Alarm Control Panel (FACP) and weatherproof back plate	12 to 18 AWG
Environmental Considerations	Devices meet rating requirements for NEMA 4X, Type 4X, and IP56 as a standalone device

Dimensions	
Wall Strobes and Horn Strobes (including lens)	5.84" L 3.76" W x 1.56" D (148mm x 95.5mm x 39.6mm)
Wall Strobes and Horn Strobes (including lens) with SBBGRL/WL Surface Mount Back Box	5.84" L x 3.76" W x 3.72" D (148mm x 95.5mm x 94.5mm)
Ceiling Strobes and Horn Strobes (including lens)	6.8" diameter x 2.22" D (173mm x 56.4mm)
Ceiling Strobes and Horn Strobes (including lens) with SBBCRL/WL Surface Mount Back Box	6.98" diameter x 4.72" D (177.3mm x 120mm)
Wall Horns	5.84" L x 3.76" W x 1.56" D (148mm x 95.5mm x 39.6mm)
Wall Horns with SBBGRL/WL Surface Mount Back Box	5.84" L x 3.76" W x 3.11" D (148mm x 95.5mm x 79mm)

Note: SBBGRL/WL Surface Mount Back box intended for horns, horn strobes, and strobes.

### UL Maximum Strobe Current Draw (mA)

UL Maximum Horn Current Draw (mA) and Sound Output (dBA)	
Candela Rating	16 to 33 Volts DC
15	18
30	22
75	70
95	75
110	85
115	90
135	105
150	110
177	115
185	120
FCP*	(future)
*FCP Fire Control Panel, future use	

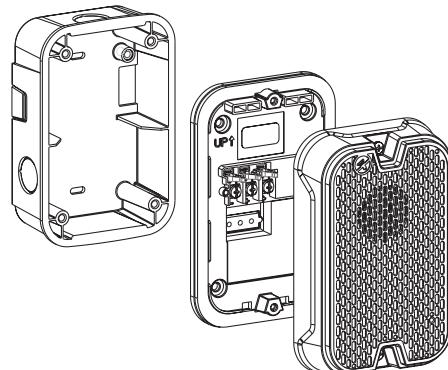
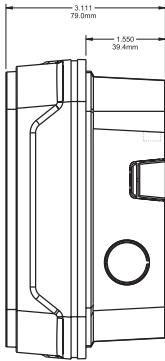
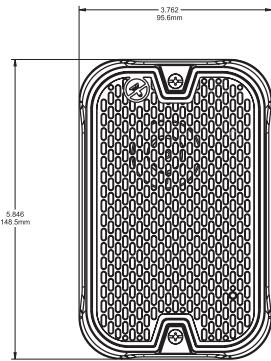
### UL Maximum Horn Current Draw (mA RMS)

UL Maximum Horn Current Draw (mA) and Sound Output (dBA)		Current Draw (mA RMS), Horn	Sound Output (dBA)	
Pos	Sound pattern	Volume Setting (dB)	16-33 Volts DC	16-33 Volts DC
1	Temporal	High	35	85
2	Temporal	Low	35	77
3	Non-Temporal	High	50	85
4	Non-Temporal	Low	35	77
5	3.1KHz Temporal	High	35	82
6	3.1KHz Temporal	Low	35	75
7	3.1KHz Non-Temporal	High	40	82
8	3.1KHz Non-Temporal	Low	35	75

### UL Maximum Horn Strobe Current Draw (mA) and Sound Output (dBA)

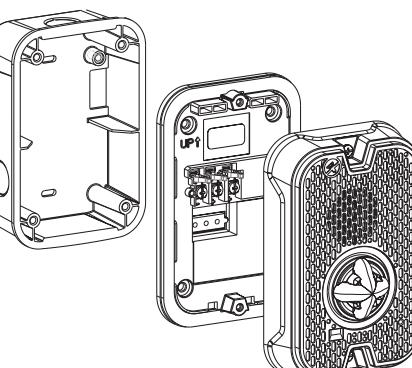
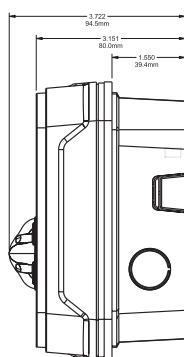
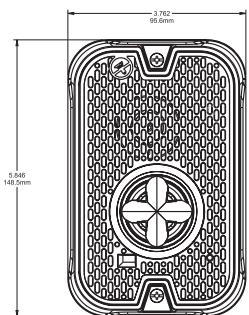
Pos	Tone	Volume Setting	16-33 Volts									16-33 V DC
			15cd WALL	30cd CEILING	75cd WALL	95cd CEILING	110cd WALL	115cd CEILING	135cd WALL	150cd CEILING	177cd WALL	
1	Temporal	High	35	38	87	92	94	120	189	189	190	190
2	Temporal	Low	35	38	87	92	94	120	135	135	145	145
3	Non-Temporal	High	50	52	87	92	94	120	127	127	135	135
4	Non-Temporal	Low	35	38	87	92	94	120	125	125	130	130
5	3.1KHz Temporal 3	High	35	38	87	89	91	115	155	155	165	165
6	3.1KHz Temporal 3	Low	35	38	87	89	91	115	128	130	135	135
7	3.1KHz Non-Temporal	High	40	42	87	89	91	115	125	125	135	135
8	3.1KHz Non-Temporal	Low	35	38	87	89	91	115	120	120	130	130

## LED Outdoor Dimensions: Wall-Mounted Equipment



**Outdoor Compact Wall Horn with  
Compact Surface Mount Back Box (SBBGRL/SBBGWL)**

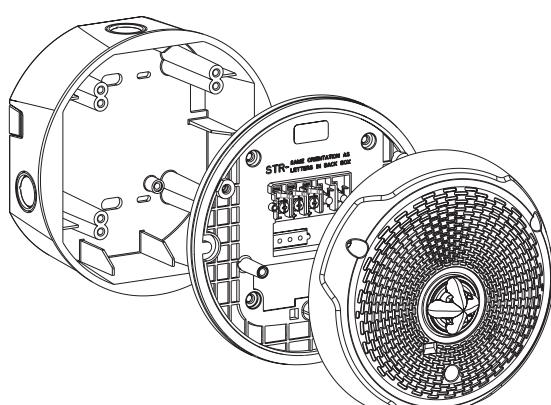
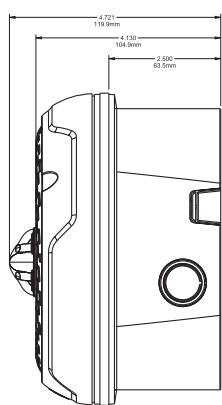
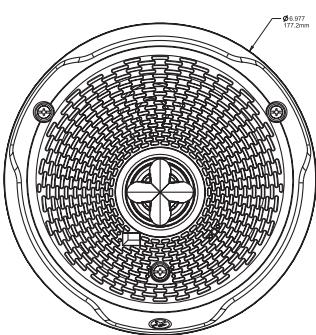
**Outdoor Compact Wall Horn with  
Compact Surface Mount Back Box (SBBGRL/SBBGWL)**



**Outdoor Compact Strobes, Horn Strobes for Wall with  
Compact Surface Mount Back Box (SBBGRL/SBBGWL)**

**Outdoor Compact Strobes, Horn Strobes for Wall with  
Compact Surface Mount Back Box (SBBGRL/SBBGWL)**

## LED Outdoor Dimensions: Ceiling-Mounted Equipment



**Strobes, Horn Strobes for Ceilings with Surface  
Mount Back Box (SBBCRL/SBBCWL)**

**Strobes, Horn Strobes for Ceilings with  
Surface Mount Back Box (SBBCRL/SBBCWL)**

## Ordering Information

Model	Description
<b>LED Outdoor Horn Strobes</b>	
TR-P2GRKLED	2-Wire, Compact Horn Strobe, Wall, Red
TR-P2GWKLED	2-Wire, Compact Horn Strobe, Wall, White
TR-PC2RKLED	2-Wire, Horn Strobe, Ceiling, Red
TR-PC2WKLED	2-Wire, Horn Strobe, Ceiling, White
<b>LED Outdoor Strobes</b>	
TR-SGRKLED	Compact Strobe, Wall, Red
TR-SGWKLED	Compact Strobe, Wall, White
TR-SCRKLED	Strobe, Ceiling, Red
TR-SCWKLED	Strobe, Ceiling, Whitet
<b>LED Lenses</b>	
LENS-A3	Lens LED Amber Wall/Ceiling
LENS-B3	Back Box, Wall, Speaker, White
LENS-G3	Lens LED Green Wall/Ceiling
LENS-R3	Lens LED Red Wall/Ceiling
<b>Accessories</b>	
SBBGRL	Compact Wall Surface Mount Back Box, Red
SBBGWL	Compact Wall Surface Mount Back Box, White
SBBCRL	Ceiling Surface Mount Back Box, Red
SBBCWL	Ceiling Surface Mount Back Box, White

**TRIGA INVESTMENTS, LLC**  
 340 Taxiway Bravo Beeville, TX 78102,  
 Tel: +1330-577-5199. Email:[info@trigaglobal.com](mailto:info@trigaglobal.com)