

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 wirenuts 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

Agency Listings



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 wirenuts 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.

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 x 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 SBBGRL/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

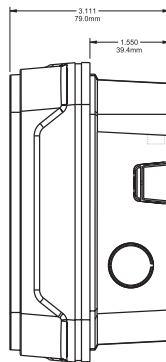
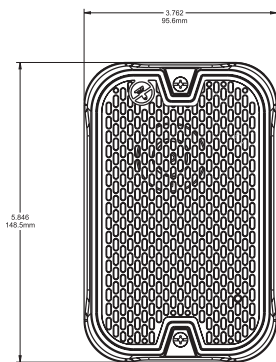
UL Maximum Horn Current Draw (mA RMS)

UL Maximum Horn Current Draw (mA) and Sound Output (dBA)				
Pos	Sound pattern	Volume Setting (dB)	Current Draw (mA RMS), Horn	Sound Output (dBA)
			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)

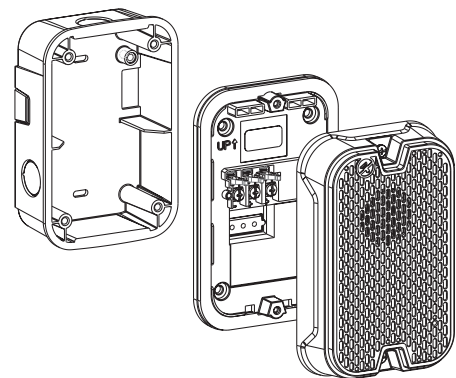
Pos	Tone	Volume Setting	Current Draw (mA RMS), Horn Strobe, Candela Range (15-185 cd)										Sound Output (dBA)
			16-33 Volts										16-33 V DC
			15cd	30cd	75cd	95cd	110cd WALL	115cd CEILING	135cd WALL	150cd CEILING	177cd CEILING	185cd WALL	
1	Temporal	High	35	38	87	92	94	120	189	189	190	190	85
2	Temporal	Low	35	38	87	92	94	120	135	135	145	145	77
3	Non-Temporal	High	50	52	87	92	94	120	127	127	135	135	85
4	Non-Temporal	Low	35	38	87	92	94	120	125	125	130	130	77
5	3.1KHz Temporal 3	High	35	38	87	89	91	115	155	155	165	165	82
6	3.1KHz Temporal 3	Low	35	38	87	89	91	115	128	130	135	135	75
7	3.1KHz Non-Temporal	High	40	42	87	89	91	115	125	125	135	135	82
8	3.1KHz Non-Temporal	Low	35	38	87	89	91	115	120	120	130	130	75

LED Outdoor Dimensions: Wall-Mounted Equipment



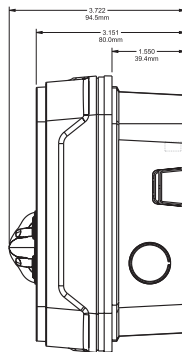
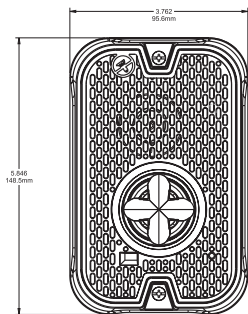
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Outdoor Compact Wall Horn with
Compact Surface Mount Back Box (SBBGRL/SBBGWL)



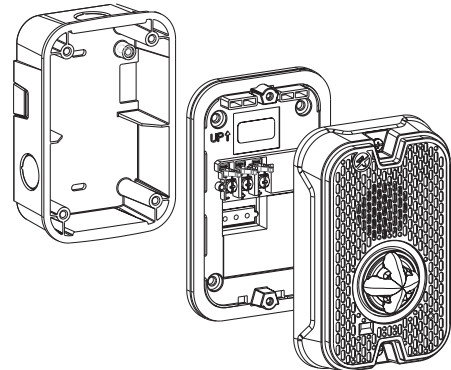
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Outdoor Compact Wall Horn with
Compact Surface Mount Back Box (SBBGRL/SBBGWL)



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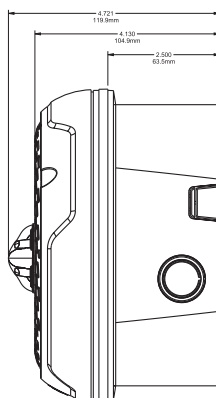
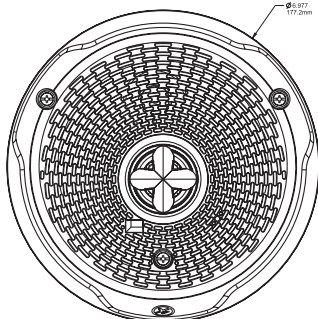
Outdoor Compact Strobes, Horn Strobes for Wall with
Compact Surface Mount Back Box (SBBGRL/SBBGWL)



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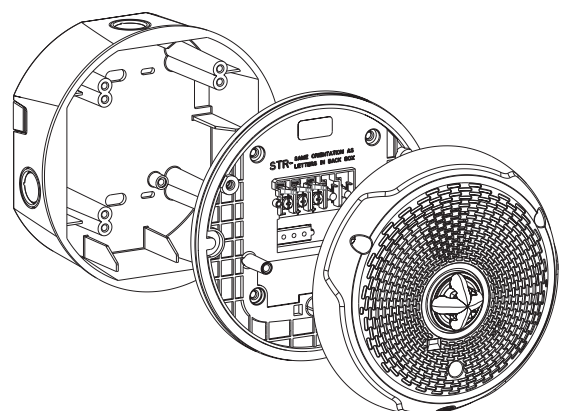
Outdoor Compact Strobes, Horn Strobes for Wall with
Compact Surface Mount Back Box (SBBGRL/SBBGWL)

LED Outdoor Dimensions: Ceiling-Mounted Equipment



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



A0546-00

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



Ordering Information

Model	Description
LED Outdoor Horn Strobes	
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
LED Outdoor Strobes	
TR-SGRKLED	Compact Strobe, Wall, Red
LED Outdoor Horns	
TR-HGRKL	Compact Horn, Red
LED Lenses	
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
Accessories	
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

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