Field Configurable Horns and Strobes

Genesis Series

Overview 2

The Genesis line of fire alarm and mass notification/emergency communications (ECS/MNS) signals are among the smallest, most compact audible-visible life safety signaling devices in the world. About the size of a deck of playing cards, these devices are designed to blend with any decor.

Thanks to patented breakthrough technology, EDWARDS Genesis strobes do not require bulky specular reflectors and lenses. Instead, an exclusive cavity design conditions light to produce a highly controlled distribution pattern. Significant development efforts employing this new technology have given rise to a new benchmark in strobe performance – FullLight technology.

FullLight strobe technology produces a smooth light distribution pattern without the spikes and voids characteristic of specular reflectors. This ensures the entire coverage area receives consistent illumination from the strobe flash. As a result, Genesis strobes with FullLight technology go well beyond the UL-1971 and ULC-S526 light distribution requirements.

Genesis strobes and horn-strobes offer selectable candela output 6 by means of a conveniently-located switch on the side of the device. Models are also available that offer fixed 15/75 cd output. The candela output setting remains clearly visible even after final installation, yet it stays locked in place to prevent unauthorized tampering.

Genesis ECS/MNS appliances offer emergency signaling with clear or amber lenses and with optional ALERT housing labels. They are ideal for applications that require differentiation between fire alarm and mass notification alerts.

Standard Features 8

Unique low-profile design 9

- The most compact UL-1971/ULC-S526 listed strobe available 10

12

18

- Ultra-slim protrudes less than one inch
- Attractive appearance
- No visible mounting screws

Four field-configurable options in one device 11

- Select 15, 30, 75, or 110 cd strobe output
- Select high (default) or low dB horn output
- Select temporal (default) or steady horn output
- Select public mode flash rate (default) or private mode temporal flash

Fixed 15/75 cd model available 13

ECS/MNS models available 14

Easy to install 15

- Fits standard 1-gang electrical boxes no trim plate needed 16
- Optional trim plate accommodates oversized openings
- Pre-assembled with captive hardware
- #12 AWG terminals ideal for long runs or existing wiring

Unparalleled performance 17

- Industry's most even light distribution
- Meets tough synchronizing standards for strobes
- Single microprocessor controls both horn and strobe
- Independent horn control over a single pair of wires
- Highly regulated in-rush current
- Multiple frequency tone improves sound penetration
- Field-programmable temporal strobe output option

DATA SHEET **E85001-0573**Not to be used for installation purposes. Issue 1.2

Application 1

Genesis strobes are UL 1971-listed for use indoors as wall-mount-2 ed public-mode notification appliances for the hearing impaired. Prevailing codes require strobes to be used where ambient noise conditions exceed 105 dBA (87dBA in Canada), where occupants use hearing protection, and in areas of public accommodation as defined in the Americans with Disabilities Act (see application notes - USA).

Combination horn-strobe signals must be installed in accordance 3 with quidelines established for strobe devices. Consult with your Authority Having Jurisdiction for details.

All Genesis strobes exceed UL synchronization requirements (within 10 milliseconds over a two-hour period) when used with a synchronization source. Synchronization is important in order to avoid epileptic sensitivity.

WARNING: These devices will not operate without electrical power. As 5 fires frequently cause power interruptions, further safeguards such as backup power supplies may be required.

Horns 6

Genesis horn output reaches as high as 99 dB and features a unique multiple frequency tone that results in excellent sound penetration and an unmistakable warning of danger. Horns may be configured for either coded or non-coded signal circuits. They can also be set for low dB output with a jumper cut that reduces horn output by about 5 dB. Horn-only models may be ceiling-mounted or wall-mounted.

The suggested sound pressure level for each signaling zone used with 8 alarm signals is at least 15 dB above the average ambient sound level, or 5 dB above the maximum sound level having a duration of at least 60 seconds, whichever is greater, measured 5 feet (1.5 m) above the floor. The average ambient sound level is, A-weighted sound pressure measured over a 24-hour period.

Doubling the distance from the signal to the ear will theoretically result 9 in a 6 dB reduction of the received sound pressure level. The actual effect depends on the acoustic properties of materials in the space. A 3 dBA difference represents a barely noticeable change in volume.

ECS/MNS Applications 10

Genesis ECS/MNS strobe appliances bring the same highperformance fire alarm features and unobtrusive design to mass notification applications. Available with amber lenses and optional ALERT housing labels, they are ideal for applications that require differentiation between fire alarm and mass notification alerts.

Installation 12

Genesis horns and strobes mount to any standard one-gang surface or flush electrical box. Matching optional trim plates are used to cover oversized openings and can accommodate one-gang, two-gang, four-inch square, or octagonal boxes, and European 100 mm square.



Genesis Horn/Strobe with optional trim plate

All Genesis signals come pre-assembled 14 with captive mounting screws for easy installation. Two tabs at the top of the signal unlock the cover to reveal the mounting hardware. The shallow depth of Genesis devices leaves ample room behind the signal for extra wiring. Once installed with the cover in place, no mounting screws are visible.

Field Configuration 17

Gemporal horn and horn-strobe models are factory set to sound in a three-pulse temporal pattern. Units may be con-

figured for use with coded systems by cutting a jumper on the circuit board. This results in a steady output that can be turned on and off (coded) as the system applies and removes power to the signal circuit. A Genesis Signal Master is required when hornstrobe models are configured for coded systems. Non-temporal, horn-only models sound a steady tone.

Genesis clear strobes and horn-strobes are shipped from the factory ready for use as **UL 1971 compliant** signals for public mode operation. These signals may be configured for temporal flash by cutting a jumper on the circuit board. This battery-saving feature is intended for private mode signaling only.

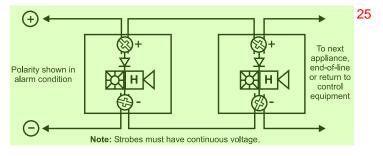
Genesis clear strobes and horn-strobes may be set for 15, 30, 75, 21 or 110 candela output. The output setting is changed by simply opening the device and sliding the switch to the desired setting. The device does not have to be removed to change the output setting. The setting remains visible through a small window on the side of the device after the cover is closed.

Horns and horn-strobes are factory set for high dB output. 22 Low dB output may be selected by cutting a jumper on the circuit board. This reduces the output by about 5 dB.

Wiring 23

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Field wiring terminals accommodate #18 to #12 AWG (0.75 mm² 24 to 2.5 mm²) wiring. Horns, strobes, and combination horn-strobes are interconnected with a single pair of wires as shown below.



Current Draw

Strobes, Horn-Strobes 1

Multi-cd Wall Strobes (G1-VM) 2

		J (0. 1 1111) Z			
UL	15 cd*	30 cd*	15/75 cd**	75 cd*	110 cd*
Rating	RMS	RMS	RMS	RMS	RMS
16 Vdc	103	141	152	255	311
16 Vfwr	125	179	224	346	392

*G1-VM multi-cd; **G1F-V1575 fixed 15/75 cd 4

Typical	15 cd	30 cd	15/75	75 cd	110 cd
Current	RMS	RMS	RMS	RMS	RMS
16 Vdc	85	127	150	245	285
20 Vdc	71	98	123	188	240
24 Vdc	59	82	104	152	191
33 Vdc	46	64	84	112	137
16 Vfwr	119	169	223	332	376
20 Vfwr	103	143	189	253	331
24 Vfwr	94	129	169	218	262
33 Vfwr	87	112	148	179	205

Wall Temporal Horn-strobes - High dB Setting 6

Ī	UL	15	30	15/75	75	110	*G1-HDVM multi-cd	7
	Rating	cd*	cd*	cd**	cd*	cd*	**G1F-HDV1575 fixed 15/75 cd	
	naung	RMS	RMS	RMS	RMS	RMS		
	16 Vdc	129	167	172	281	337		
	16 Vfwr	176	230	269	397	443	-	

Typical	15 cd	30 cd	15/75	75 cd	110 cd
Current	RMS	RMS	RMS	RMS	RMS
16 Vdc	102	135	160	246	309
20 Vdc	88	109	137	193	248
24 Vdc	81	94	122	161	203
33 Vdc	74	72	106	124	154
16 Vfwr	144	182	247	352	393
20 Vfwr	141	162	220	274	362
24 Vfwr	136	152	203	235	282
33 Vfwr	125	144	196	201	232

Wall Temporal Horn-strobes - Low dB Setting 9

Trail Ioi	pora.		0410100			9	
	15	30	15/75	75	110		10
UL Rating	cd*	cd*	cd**	cd*	cd*		
naulig	RMS	RMS	RMS	RMS	RMS		
16 Vdc	122	160	146	274	330	*G1-HDVM multi-cd	
16 Vfwr	162	216	231	383	429	**G1F-HDV1575 fixed 15/75 cd	

Typical	15 cd	30 cd	15/75	75 cd	110 cd	11
Current	RMS	RMS	RMS	RMS	RMS	
16 Vdc	96	130	158	243	302	
20 Vdc	79	104	133	189	241	
24 Vdc	68	88	119	156	197	
33 Vdc	56	71	100	118	146	
16 Vfwr	128	180	241	344	389	
20 Vfwr	118	157	213	266	343	
24 Vfwr	113	144	195	230	279	
33 Vfwr	112	137	182	197	226	

Horns 12

Wall or Ceiling Mounted Temporal Horns (G1-HD)

		,	
UL	High dB	Low dB	14
Rating	(RMS)	(RMS)	
16 Vdc	26	19	
24 Vdc	36	27	
33 Vdc	41	33	
16 Vfwr	51	37	
24 Vfwr	69	52	
33 Vfwr	76	70	

			_
Typical	High dB	Low dB	15
Current	RMS	RMS	
16 Vdc	22	17	
20 Vdc	24	19	
24 Vdc	27	22	
33 Vdc	32	26	
16 Vfwr	34	30	
20 Vfwr	40	34	
24 Vfwr	45	38	
33 Vfwr	52	47	

Wall or Ceiling Mounted Horns (G1-P) 16

UL Designation	Voltage Range	Max. Current, RMS
Regulated 24 Vdc	16 - 33 Vdc	13 mA
24 fwr	16 - 33 Vfwr	11 mA

Typical Current	RMS
24 Vdc	10
24 Vdc	11
31 Vdc	12
20 Vfwr	9
24 Vfwr	10

Current values are shown in mA. 18

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dBA output 1

Temporal Horns, Horn-strobes (G1-HD, G1-HDVM series) 2

High		UL	464	Average	Peak	3
	dB Setting	Temporal	Steady	Temporal/ Steady	Temporal/ Steady	
	16 Vdc	81.4	85.5	91.4	94.2	
	24 Vdc	84.4	88.6	94.5	97.6	
	33 Vdc	86.3	90.4	96.9	99.5	

	Low dB	UL	464	Average	Peak	4
	Setting	Temporal	Steady	Temporal/ Steady	Temporal/ Steady	
	16 Vdc	76.0	80.1	86.3	89.2	Ĺ
	24 Vdc	79.4	83.5	89.8	92.5	
	33 Vdc	82.1	86.5	92.5	95.3	Ĺ

Steady Tone Horns (G1-P series) 5

	UL464	Average	Peak	6
16 Vdc	77 dBA, min	85 dBA	91 dBA	
16 Vfwr	77 dBA, min	85 dBA	91 dBA	

Notes 7

- 1. All values shown are dBA measured at 10 feet (3.01m).
- 2. UL464 values measured in reverberant room.
- 3. Average and Peak values are measured in anechoic chamber.

Specifications 9

Housing Red or white textured UV stabilized, color impregnated engineered plastic. Exceeds 94V-0 UL flammability rating. Optical grade polycarbonate (clear) Strobes and horn-strobes are for wall-mount installation only. Horn-only models may be ceiling- or wall-mounted. Flush mount: 2½ inch (64 mm) deep one-gang box Surface mount: Model 27193 surface mount box, wiremold box, or equivalent surface-mount box With optional trim plate: One-gang, two-gang, four-inch square, octagonal, or European single-gang box Wire connections Screw terminals: single input for both horn and strobe. #18 to #12 AWG (0.75 mm² to 2.5 mm²) wire size Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative human. Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative human. Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative human. Agency listings/approvals (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.) Signal: 4-1/2° x 2-3/4° x 13/16° (113 mm x 68 mm x 21 mm) Timplate: 5° (127 mm); Height – 5-7/8° (149 mm); Depth – ½° (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-Wh series strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 16-33 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC SS26: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971, 15 cd (fixed 15/75 cd models) UL 1638, ULCSS26: 75 cd (fixed 15/75 cd models) G1-Wh strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of homs on same circuit SiGA-CC18, SiGA-MCC18, SiGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, JO6A, (JO50, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM series temporal-ton		
Strobes and horn-strobes are for wall-mount installation only. Horn-only models may be ceiling- or wall-mounted. Flush mount: 2½ inch (64 mm) deep one-gang box (indoor only) Surface mount: Model 27193 surface mount box, wiremold box, or equivalent surface-mount box With optional trim plate: One-gang, two-gang, four-inch square, octagonal, or European single-gang box Screw terminals: single input for both horn and strobe. #18 to #12 AWG (0.75 mm² to 2.5 mm²) wire size (Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative humidity UL 1971 (S218), UL 1638 (S218), UL 464 (S218), ULC 5526, ULC 5526, CSFM, CE, FCC, MEA. (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.) Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 68 mm x 21 mm) Timplate: 5" (127 mm); Height - 5-7/8" (149 mm); Eepht - ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc FWR G1-P series strady-tone horns: coded or non-coded, filtered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 16-33 Vdc FWR UL 1971; UL 1638, ULC 5526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971; IJ to 36 (fixed 15/75 cd models) UL 1971; UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971; IJ to 36 (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) UL 1971; S1 da (fixed 15/75 cd fixed 15/75 cd models) Synchronization Sources Signal Master indefinitely within 10 milliseconds. Temporal setting (pri	Housing	Red or white textured UV stabilized, color impregnated engineered plastic. Exceeds 94V-0 UL flammability rating.
Mounting (indoor only) Surface mount: Model 27193 surface mount box, wiremold box, or equivalent surface-mount box With optional trim plate: One-gang, two-gang, four-inch square, octagonal, or European single-gang box Wire connections Screw terminals: single input for both horn and strobe. #18 to #12 AWG (0.75 mm² to 2.5 mm²) wire size Operating environment Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative humidity UL 1971 (S218), UL 1638 (S218), UL 464 (S218), ULC S252, ULC S252, CSFM, CE, FCC, MEA. (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.) Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 68 mm x 21 mm) Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) Strobe flash rate G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1s, SIGA-MCC1s, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate	Lens	Optical grade polycarbonate (clear)
(indoor only) Surface mount: Model 27193 surface mount box, wiremold box, or equivalent surface-mount box With optional trim plate: One-gang, two-gang, four-inch square, octagonal, or European single-gang box Screw terminals: single input for both horn and strobe. #18 to #12 AWG (0.75 mm² to 2.5 mm²) wire size Derating environment Agency listings/approvals UL 1971 (S218), UL 1638 (S218), UL 464 (S218), ULC S525, ULC S526, CSFM, CE, FCC, MEA. (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.) Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 68 mm x 21 mm) Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-W series strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) Strobe flash rate G1-WM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SigA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		Strobes and horn-strobes are for wall-mount installation only. Horn-only models may be ceiling- or wall-mounted.
With optional trim plate: One-gang, two-gang, four-inch square, octagonal, or European single-gang box Screw terminals: single input for both horn and strobe. #18 to #12 AWG (0.75 mm² to 2.5 mm²) wire size Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative humidity Lucum 1971 (S218), UL 1638 (S218), UL 464 (S218), ULC S526, UCC S526, CSFM, CE, FCC, MEA. (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.) Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 68 mm x 21 mm) Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-W series strobes: non-coded, filtered 16-33 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1971: 15 cd (fixed 15/75 cd models) UL 1973: 15 cd (fixed 15/75 cd models) G1-W strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optional G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with option G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with option G1-HDVM series temporal-tone horn-strobes: temporal-tone horn-strobes: temporal rate synchronized with option G1-HDVM series temporal-tone horn-strobes: temporal-tone horns:	Mounting	
Wire connectionsScrew terminals: single input for both horn and strobe. #18 to #12 AWG (0.75 mm² to 2.5 mm²) wire sizeOperating environmentIndoor only: 32-120°F (0-49°C) ambient temperature. 93% relative humidityAgency listings/approvalsUL 1971 (S218), UL 1638 (S218), UL 464 (S218), ULC S525, ULC S526, CSFM, CE, FCC, MEA. (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.)Dimensions (HxWxD)Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 68 mm x 21 mm) Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm)G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDWM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (G1-HDWM series strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 16-33 Vdc or unfiltered 20-27 VfwrStrobe output ratingUL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd outputUL 1971; 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models)Strobe flash rateG1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuitSynchronization SourcesSIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1+M Genesis Signal Master indefinitely with	(indoor only)	·
Operating environment Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative humidity		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Agency listings/approvals UL 1971 (\$218), UL 1638 (\$218), UL 464 (\$218), ULC \$525, ULC \$526, CSFM, CE, FCC, MEA. (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.) Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 68 mm x 21 mm) Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-VM series strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC \$526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULC\$526: 75 cd (fixed 15/75 cd models) Strobe flash rate Strobe flash rate G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, (054, 10500, Firesheiled Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Wire connections	Screw terminals: single input for both horn and strobe. #18 to #12 AWG (0.75 mm² to 2.5 mm²) wire size
Agency listings/approvals (All models comply with ADA Code of Federal Regulation Chapter 28 Part 36 Final Rule.) Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 68 mm x 21 mm) Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-VM series strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971; UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit Synchronization Sources SIGA-CC1s, SIGA-MCC1s, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optical G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Operating environment	Indoor only: 32-120°F (0-49°C) ambient temperature. 93% relative humidity
Dimensions (HxWxD) Signal: 4-1/2" x 2-3/4" x 13/16" (113 mm x 21 mm) Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-Wh series strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 16-33 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, i064, i0500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optical with optical care.	Agency listings/approvals	
Trimplate: 5" (127 mm); Height – 5-7/8" (149 mm); Depth – ½" (13 mm) G1-HD series temporal-tone horns: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded when horn set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-VM series strobes: non-coded, filtered 16 - 33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optical G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Agency listings/approvais	· · · · · · · · · · · · · · · · · · ·
Operating voltage Operating vol	Dimensions (HxWxD)	
Set to steady tone) G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-VM series strobes: non-coded, filtered 16 - 33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, i064, i0500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		
Operating voltage G1-HDVM series temporal-tone horn-strobes: non-coded, filtered 16-33 Vdc or unfiltered 16-33 Vdc FWR (or coded (audible NAC only) when used with optional G1M Genesis Signal Master) G1-VM series strobes: non-coded, filtered 16 - 33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) Strobe flash rate G1-WM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		
(audible NAC only) when used with optional G1M Genesis Signal Master) G1-VM series strobes: non-coded, filtered 16 - 33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) Strobe flash rate G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		
G1-VM series strobes: non-coded, filtered 16 - 33 Vdc or unfiltered 16-33 Vdc FWR G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional Strobe flash rate G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM Synchronization Sources BPS6A, BPS10A, APS6A, APS10A, i064, i0500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Operating voltage	
G1-P series steady-tone horns: coded or non-coded, filtered 20-31 Vdc or unfiltered 20-27 Vfwr UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	- 1 - 1 - 2 - 1 - 2 - 1 - 2 - 1 - 1 - 2 - 1 - 1	
Strobe output rating UL 1971, UL 1638, ULC S526: selectable 15 cd, 30 cd, 75 cd, or 110 cd output UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		
Strobe output rating UL 1971: 15 cd (fixed 15/75 cd models) UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		· · · · · · · · · · · · · · · · · · ·
UL 1638, ULCS526: 75 cd (fixed 15/75 cd models) G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-CC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with option G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Strobo output rating	
Strobe flash rate G1-VM strobes and G1-HDVM series temporal-tone horn-strobes: one flash per second synchronized with optional G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, i064, i0500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optional graphs. G1-M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Strobe output rating	
Strobe flash rate G1M Genesis Signal Master indefinitely within 10 milliseconds. Temporal setting (private mode only): synchronized to temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		· · · · · · · · · · · · · · · · · · ·
temporal output of horns on same circuit SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Strobe flash rate	
SIGA-CC1S, SIGA-MCC1S, SIGA-MCC2A, SIGA-MCC2A, G1M-RM BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. Horn pulse rate G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Stropo hadri rato	
Synchronization Sources BPS6A, BPS10A, APS6A, APS10A, iO64, iO500, Fireshield Plus 3, 5 and 10 zone. Add G1M for G1-CVM &G1-HDVM devices only. Horn pulse rate G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only		
Add G1M for G1-CVM &G1-HDVM devices only. Horn pulse rate G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Synchronization Sources	
Horn pulse rate G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optic G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	,	
G1M Genesis Signal Master indefinitely within 10 milliseconds. G1-P steady-tone horns: continuous, steady tone only	Harris Inc. of	G1-HD temporal-tone horns and G1-HDVM series temporal-tone horn-strobes: temporal rate synchronized with optional
Temporal audible pattern ½ sec ON, ½ sec OFF, ½ sec ON, ½ sec OFF, ½ sec ON, 1½ sec OFF, then repeat cycle	Horn pulse rate	
	Temporal audible pattern	½ sec ON, ½ sec OFF, ½ sec ON, ½ sec OFF, ½ sec ON, 1½ sec OFF, then repeat cycle
	Iemporal audible pattern	½ sec ON, ½ sec OFF, ½ sec ON, ½ sec OFF, ½ sec ON, 1½ sec OFF, then repeat cycle

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Candela Output

Lens Color	Rating	Switch Position A	Switch Position B	Switch Position C	Switch Position D	1
Amber	UL 1638	110 cd	75 cd	30 cd	15 cd	
Amber	UL 1971*	88 cd	60 cd	24 cd	12 cd	
Clear	UL 1971	110 cd	75 cd	30 cd	15 cd	

^{*} Equivalent Rating 2

Fire appliances available with white or red housings.



ECS/MNS appliances available with clear or amber lenses. 4



Ordering Information 6

Housing	Marking	Lens	Strobe	7	Horn	Ship Wt. lbs (kg)	1
nces (c/w ru	nning man i	con screen	printed or	n housing) g			
White	None	Clear			Strobe only	0.25 (0.11)	_ (
White	FIRE	Clear	Horn only	/	Selectable high/low dB		
White	FIRE	Clear	15/75 cd	1	Temporal hi/lo dB-24V		
White	FIRE	Clear	Selectabl	e 15, 30, 75, or 110 cd	Selectable high/low dB	0.25 (0.11)	
White	FIRE	Clear	Steady H	lorn (not compatible with	Genesis Signal Master)	0.25 (0.11)	
White	FIRE	Clear	15/75 cd	1	Strobe only	0.25 (0.11)	
White	FIRE	Clear	Selectabl	e 15, 30, 75, or 110 cd	Strobe only	0.25 (0.11)	
White	None	Clear	Horn only	/	Selectable high/low dB	0.25 (0.11)	
White	None	Clear	Selectabl	e 15, 30, 75, or 110 cd	Selectable high/low dB	0.25 (0.11)	
White	None	Clear	Steady H	lorn (not compatible with	Genesis Signal Master)	0.25 (0.11)	
Red	FIRE	Clear	Horn only	/	Selectable high/low dB	0.25 (0.11)	
Red	FIRE	Clear	15/75 cd	1	Temporal hi/lo dB-24V	0.25 (0.11)	
Red	FIRE	Clear	Selectabl	e 15, 30, 75, or 110 cd	Selectable high/low dB		
Red	FIRE	Clear				0.25 (0.11)	
Red	FIRE	Clear	15/75 cd	1	Strobe only	0.25 (0.11)	_
Red	FIRE	Clear	Selectabl	e 15, 30, 75, or 110 cd	Strobe only	0.25 (0.11)	
Red	None	Clear	Horn only	/	Selectable high/low dB	0.25 (0.11)	
Red	None	Clear	Selectabl	e 15, 30, 75, or 110 cd	Selectable high/low dB	0.25 (0.11)	
Red	None	Clear	Steady H	lorn (not compatible with	Genesis Signal Master)	0.25 (0.11)	
Red	None	Clear	Selectabl	e 15, 30, 75, or 110 cd	Strobe only	0.25 (0.11)	
nces (no run	ning man ic	on on hous	ing) 44				
				e A. B. C or D	Strobe only	0.25 (0.11)	1
White	ALERT	Clear			Strobe only		T '
White	None	Amber			Strobe only		
White	None	Clear				0.25 (0.11)	
		0.000		, , ,	Strobe of my		
		0.00.			Strobe only		
					· ·		
White	None	Genesis Tr	im Plate (for	two-gang or 4" square b	poxes)	0.15 (0.7)	
White Red	None None	Genesis Tr Genesis Tr	im Plate (for im Plate (for	rtwo-gang or 4" square b two-gang or 4" square b	poxes)	0.15 (0.7) 0.15 (0.7)	
White Red White	None None FIRE	Genesis Tr Genesis Tr Genesis Tr	im Plate (for im Plate (for im Plate (for	r two-gang or 4" square b r two-gang or 4" square b r two-gang or 4" square b	poxes) poxes)	0.15 (0.7) 0.15 (0.7) 0.15 (0.7)	
White Red White Red	None None FIRE FIRE	Genesis Tr Genesis Tr Genesis Tr Genesis Tr	im Plate (for im Plate (for im Plate (for im Plate (for	r two-gang or 4" square b r two-gang or 4" square b r two-gang or 4" square b r two-gang or 4" square b	poxes) poxes) poxes)	0.15 (0.7) 0.15 (0.7) 0.15 (0.7) 0.15 (0.7)	
White Red White Red White Red White	None None FIRE	Genesis Tr Genesis Tr Genesis Tr Genesis Tr	im Plate (for im Plate (for im Plate (for im Plate (for	r two-gang or 4" square b r two-gang or 4" square b r two-gang or 4" square b	poxes) poxes) poxes)	0.15 (0.7) 0.15 (0.7) 0.15 (0.7)	
White Red White Red	None None FIRE FIRE	Genesis Tr Genesis Tr Genesis Tr Genesis Tr Genesis Tr	im Plate (for im Plate (for im Plate (for im Plate (for	two-gang or 4" square b two-gang or 4" square b two-gang or 4" square b two-gang or 4" square b two-gang or 4" square b	poxes) poxes) poxes)	0.15 (0.7) 0.15 (0.7) 0.15 (0.7) 0.15 (0.7)	
	white Red Red Red Red Red Red Red Red Red Re	white None White FIRE White None White None FIRE Red None	white None Clear White FIRE Clear White None Clear White None Clear White None Clear White None Clear Red FIRE Clear Red None Clear	white None Clear Selectable White FIRE Clear Horn only White FIRE Clear Selectable White FIRE Clear Selectable White FIRE Clear Selectable White FIRE Clear Steady H White FIRE Clear Selectable White FIRE Clear Selectable White FIRE Clear Selectable White FIRE Clear Selectable White None Clear Selectable Red FIRE Clear Horn only Red FIRE Clear Selectable Red None Clear Selectable	White None Clear Selectable 15, 30, 75, or 110 cd White FIRE Clear Horn only White FIRE Clear Selectable 15, 30, 75, or 110 cd White FIRE Clear Selectable 15, 30, 75, or 110 cd White FIRE Clear Selectable 15, 30, 75, or 110 cd White FIRE Clear Steady Horn (not compatible with White FIRE Clear Selectable 15, 30, 75, or 110 cd White FIRE Clear Selectable 15, 30, 75, or 110 cd White None Clear Horn only White None Clear Selectable 15, 30, 75, or 110 cd White None Clear Steady Horn (not compatible with Red FIRE Clear Horn only Red FIRE Clear Horn only Red FIRE Clear Horn only Red FIRE Clear Selectable 15, 30, 75, or 110 cd Red FIRE Clear Steady Horn (not compatible with Red FIRE Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd Red None Clear Selectable 15, 30, 75, or 110 cd	white None Clear Selectable 15, 30, 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¹ These 15/75 cd models provide fixed output and are not multi-candela devices. The 15 cd output component complies with UL1971, while the 75 cd output component complies with UL 1638.