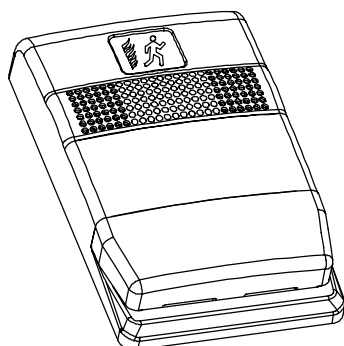


Product information



The Genesis Chime is an audible fire alarm notification appliance designed for indoor walls. See Table 1 for a list of model numbers.

The chime includes field configurable jumper options for selecting the desired dB output, steady or temporal chime output, and constant non-coded voltage or single-stroke coded voltage operation. A Genesis Signal Master is required when chimes are configured for coded operation. See Table 2 for a list of compatible synchronization modules.

Install this device in accordance with applicable requirements in the latest editions of the NFPA codes and standards and in accordance with the local authorities having jurisdiction.

Table 1: Model numbers

Model description	Model numbers	
Chime, white	ADTG1-C	MG1-C
	EG1-C	XLSG1-C
	G1-C	ZG1-C
	G1-C-LG	
Chime, white, with FIRE marking	ADTG1F-C	MG1F-C
	EG1F-C	XLSG1F-C
	G1F-C	ZG1F-C
	G1F-C-LG	
Chime, red	ADTG1R-C	MG1R-C
	EG1R-C	XLSG1R-C
	G1R-C	ZG1R-C
	G1R-C-LG	
Chime, red, with FIRE marking	ADTG1RF-C	MG1RF-C
	EG1RF-C	XLSG1RF-C
	G1RF-C	ZG1RF-C
	G1RF-C-LG	
Trim plate, white	ADTG1T	MG1T
	EG1T	XLSG1T
	G1T	ZG1T
	G1T-LG	

Table 1: Model numbers

Model description	Model numbers	
Trim plate, red	ADTG1RT	MG1RT
	EG1RT	XLSG1RT
	G1RT	ZG1RT
	G1RT-LG	

Table 2: Compatible synchronization modules

Model names	Model numbers	
Auto-Sync Output Module	SIGA-CC1S	SIGA-MCC1S
	SIGA-CC1S-LG	SIGA-MCC1S-LG
Signal Master snap-on piggyback (1-gang)	ADTG1M	MG1M
	EG1M	XLSG1M
	G1M	ZG1M
	G1M-LG	
Signal Master - Remote Mount	ADTG1M-RM	MG1M-RM
	EG1M-RM	XLSG1M-RM
	G1M-RM	ZG1M-RM
	G1M-RM-LG	

Note: Synchronization module requirements are determined by your application

Specifications

Operating voltage

Regulated 16 to 33 Vdc, 16 to 33 Vfwr

This device was tested to the regulated 24 Vdc/fwr operating voltage limits of 16 V and 33 V. Do not apply 80% and 110% of these values for system operation.

Operating current: See Table 2

Sound level output: See Table 3

Signals

Steady: 60 strokes per minute

Temporal: 3-stroke pattern

Coded: Maximum 60 strokes per minute

Operating modes

Non-coded: Continuous voltage

Coded: Single-stroke controlled by voltage

Default settings

Signal: Steady

Sound level output: High db

Operation: Non-coded

Wire size: 12 to 18 AWG (2.50 to 0.75 sq mm)

Compatible electrical boxes

North American 2-1/2 in (64 mm) deep 1-gang box

Standard 4 in square box 1-1/2 in (38 mm), 2-gang, or 4 in octagonal with G1T or G1RT trim accessory

Operating temperature range: 32 to 120 °F (0 to 49 °C)

Operating humidity range: 0 to 93% RH

Agency listings: Meets or exceeds UL464 Seventh Edition for private mode

Table 2: Operating current in (Amp RMS)

	High db	Low db
16 Vdc	0.030	0.019
24 Vdc	0.043	0.026
33 Vdc	0.045	0.027
16 Vfwr	0.060	0.040
24 Vfwr	0.076	0.049
33 Vfwr	0.081	0.055

Vdc = Volts direct current, regulated and filtered
Vfwr = Volts full wave rectified.

Table 3: Sound level output (dBA)

Signal and voltage		High db	Low db
Temporal	16 Vdc	56.9	52.5
	24 Vdc	59.8	54.8
	33 Vdc	60.1	55.0
Steady	16 Vdc	58.2	52.8
	24 Vdc	60.8	55.6
	33 Vdc	61.3	56.1

dBA = Decibels, A-weighted

UL464: Sound level output at 10 ft (3.05 m) measured in a reverberant room.

Installation instructions

Caution: Electrical supervision requires the wire run to be broken at each terminal. Do not loop the signaling circuit field wires around the terminals.

To install the chime:

1. Remove the cover by depressing both tabs on the top of the unit with a small screwdriver and twisting slightly.
2. Set the chime signal, sound output level, and desired operation settings. See Figure 1.
3. Connect the chime terminals to the signal circuit field wiring. You must observe polarity for the unit to function properly.
For constant non-coded voltage operation, see Figure 2.
For single-stroke coded voltage operation, see Figure 3.
4. Mount the unit onto a compatible electrical box, making sure not to over tighten the mounting screws.
5. Replace the cover by aligning at the bottom, then snapping in at the top.
6. Test the unit for proper operation.

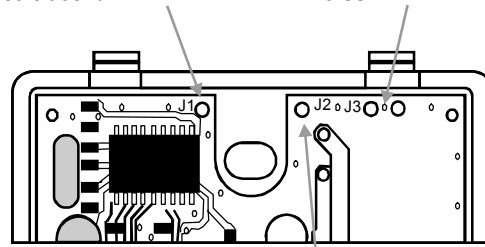
Maintenance

This unit is not serviceable or repairable. Should the unit fail to operate, contact the supplier for replacement.

Perform a visual inspection and an operational test twice a year or as directed by the local authority having jurisdiction.

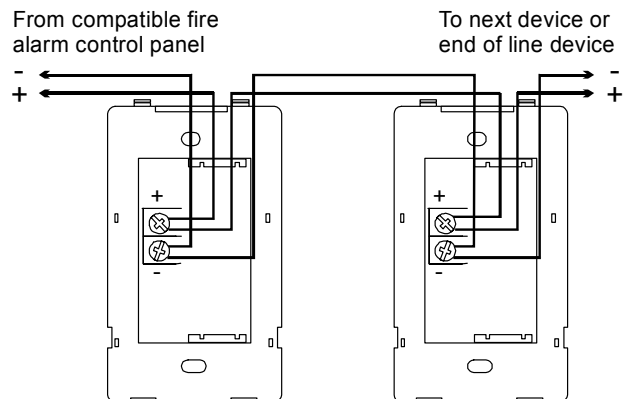
To change the chime **signal** from steady to temporal cut from circle J1 to edge of circuit board

To change the chime **sound output level** from high dB to low dB cut J3 trace between holes



To change the chime **operation** from non-coded to coded (single-stroke) cut from circle J2 to edge of circuit board

Figure 1: Chime settings



Note: Polarity shown in alarm condition

Figure 2: Constant non-coded voltage operation

Genesis device with Genesis Signal Master

To next device or end of line device

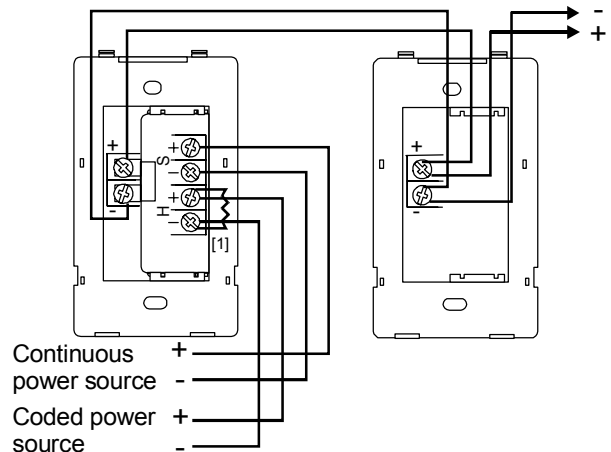


Figure 3: Single-stroke coded voltage operation