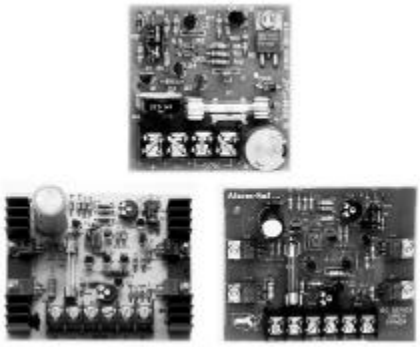
SIREN DRIVERS (LG, BG)



6 to 24 VDC Operation

Adds audible warning to burglar systems. The BG series drivers provide two channel operation, low current trip, high power and efficiency, and are capable of driving 1 to 4 speakers at a minimum of 4 ohms. The LG is a single channel, normal power unit for local or interior warning.

DIMENSIONS

Board Size

- BG Series
  - 3.25"L x 4"W x 1"H; 8.25cm x 10.2 x 2.54cm
- LG-1
  - 2.5"L x 2.5"W x 1.5"H; 6.4cm x 6.4cm x 3.8cm

SPECIFICATIONS

Model	Operating Voltage	Operating Current	Two Channel	Low Current Trip	Trip Polarity	Adjustable Sweep	Adjustable Tone
LG-1	6-12 VDC	.75A*				●	
BG-1/H	6-12 VDC	1.5A*	●	●	-	●	●
BG-1/HV	6-12 VDC	1.5A*	●	●	+	●	●
BG-2	6-24 VDC	1.5A*	●	●	-	●	

* 8 ohm impedance @ 12 VDC

FEATURES

LG

- Small Size
- Adjustable Sweep
- Fuse Protected
- Reverse Polarity Protected
- Input Power Filtering

BG Series

- Adjustable Sweep
- Adjustable Tone
- Channel 2 priority
- Fuse Protected
- Input Filtering
- Low Current Trip
  - Negative Trip (BG-1/H
  - Positive Trip (BG-1/HV
- 24 Volt High Power Operation (BG-2)

ORDER INFO

Order Number	Model Number
00101	LG-1
00102	BG-1/H
00103	BG-1/HV
00104	BG-2

52-052, 10/27/98

AlarmSaf 65A Industrial Way, Wilmington, MA 01887-3499, USA, Telephone: 978-658-6717, Fax 978-658-8638, www.alarmsaf.com

POWER DRAW

LG-1

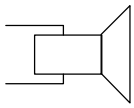
Speaker Hookup	Power Source	Current Draw	Speaker Ohms	Speaker Watts*
1	6 VDC	.75 A	4	4
1	6 VDC	.37 A	8	2.5
2	6 VDC	.75 A	8	2.5
4	6 VDC	.37 A	8	3.5
4	6 VDC	.75 A	4	2.5
1	12 VDC	1.5 A	4	15
1	12 VDC	.75 A	8	8
2	12 VDC	1.5 A	8	8
4	12 VDC	.75 A	8	2.5
4	12 VDC	1.5 A	4	8

BG Series

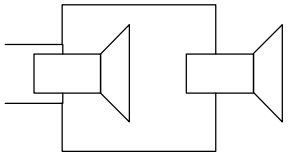
Speaker Hookup	Power Source	Current Draw	Speaker Ohms	Speaker Watts*
1	6 VDC	.75 A	4	4
1	6 VDC	.37 A	8	2.5
2	6 VDC	.75 A	8	2.5
4	6 VDC	.37 A	8	3.5
4	6 VDC	.75 A	4	2.5
1	12 VDC	1.5 A	4	15
1	12 VDC	.75 A	8	8
2	12 VDC	1.5 A	8	8
4	12 VDC	.75 A	8	2.5
4	12 VDC	1.5 A	4	8
1	24 VDC	6 A	4	144
1	24 VDC	3 A	8	40
2	24 VDC	3 A	8	40
4	24 VDC	3 A	8	20
4	24 VDC	6 A	4	40

* Rating of each individual speaker in hookup

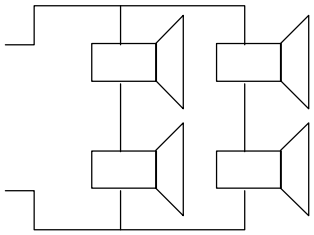
EXAMPLE HOOKUPS



Hookup 1



Hookup 2



Hookup 4

Reference the charts above for Hookup Diagram speaker impedances