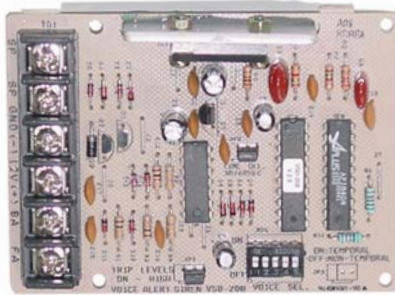


VSD-208

MULTI-TONE HIGHPOWER SIREN DRIVER

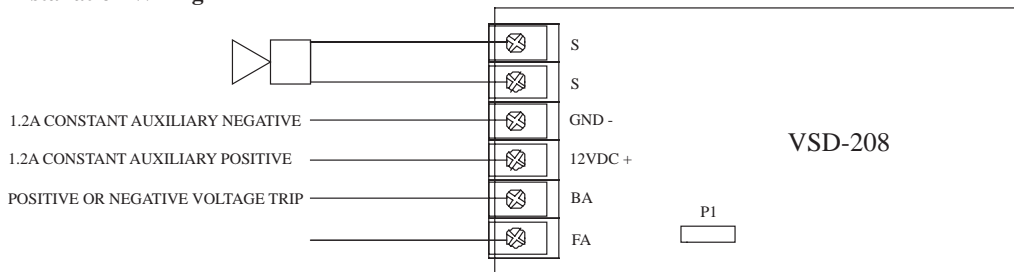


- Fire and burglar 2-channel
- Two voice message options
- 8 distinctive siren/bell sounds
- 32 mode selection
- Field selectable input level (high/low)
- Terminal strip for secure wire connections
- Comparable with most control panels
- Operating voltage range 9 - 18 VDC
- Furious barking dogs sound
- Compact size 2.63" W x 4.21" L x 1.26" H
- Current draw

Idle	1.2mA
8 ohm load	1.1A
16 ohm load	0.8A

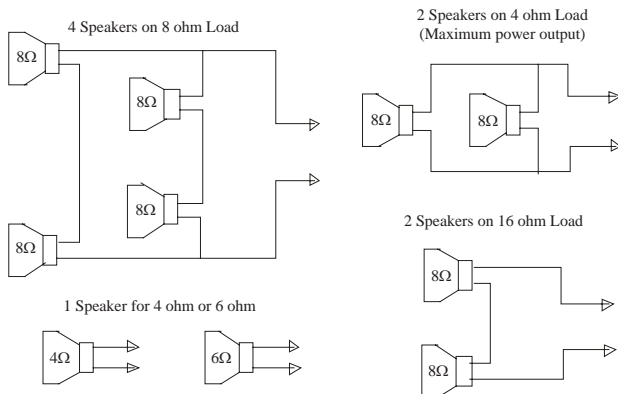
The Barking Dog/Voice Alert Siren Driver is designed to be used for fire and burglar applications. The VSD-208 is versatile and easy to install, compatible with most control panels, and can be mounted with the double sided tape provided. The VSD-208 can instantly produce verbal fire and burglary announcements. A 5 dip-switch combination will enable you to choose from 32 different mode selections. One of eight distinctive siren/sounds operate independently or in conjunction with the voice warning.

Installation Wiring



Note: This device requires constant 12V DC, 1.2A power and a negative or positive trip. Refer to jumper settings for proper operation.

Multiple Speaker Wiring Configuration



* 8 ohm 15 watt speakers are recommended.
4 ohm or 6 ohm speakers, use one speaker only.

Trigger Inputs			
BA Terminal	Steady Voltage	Burglar Message, Pulsating Voltage	Fire Message
FA Terminal	Steady Voltage	Fire Message	

VSD-208 MULTI-TONE HIGHPOWER SIREN DRIVER

Dip Switch Selection						Message and Sound Output		
No.	S1	S2	S3	S4	S5	Data	Burglar Alert	Fire Alert
1	ON	ON	ON	ON	ON	0 0	Test Mode 1	Test Mode 1
2	ON	ON	ON	ON	OFF	0 1	(BG) + (A)	(FI) + (H)
3	ON	ON	ON	OFF	ON	0 2	(BG) + (A)	(FI) + (G)
4	ON	ON	ON	OFF	OFF	0 3	(BG) + (A)	(FI) + (F)
5	ON	ON	OFF	ON	ON	0 4	(BG) + (C)	(FI) + (D)
6	ON	ON	OFF	ON	OFF	0 5	(BG) + (C)	(FI) + (C)
7	ON	ON	OFF	OFF	ON	0 6	(BG) + (C)	(FI) + (A)
8	ON	ON	OFF	OFF	OFF	0 7	(BG) + (D)	(FI) + (H)
9	ON	OFF	ON	ON	ON	0 8	(BG) + (D)	(FI) + (G)
10	ON	OFF	ON	ON	OFF	0 9	(BG) + (D)	(FI) + (F)
11	ON	OFF	ON	OFF	ON	0 A	(BG) + (E)	(FI) + (D)
12	ON	OFF	ON	OFF	OFF	0 B	(BG) + (E)	(FI) + (B)
13	ON	OFF	OFF	ON	ON	0 C	(BG) + (E)	(FI) + (A)
14	ON	OFF	OFF	ON	OFF	0 D	(BG) + (F)	(FI) + (H)
15	ON	OFF	OFF	OFF	ON	0 E	(BG) + (F)	(FI) + (G)
16	ON	OFF	OFF	OFF	OFF	0 F	(BG) + (F)	(FI) + (F)
17	OFF	ON	ON	ON	ON	1 0	(BG) + (G)	(FI) + (C)
18	OFF	ON	ON	ON	OFF	1 1	(BG) + (G)	(FI) + (B)
19	OFF	ON	ON	OFF	ON	1 2	(BG) + (G)	(FI) + (A)
20	OFF	ON	ON	OFF	OFF	1 3	(BG) + (H)	(FI) + (H)
21	OFF	ON	OFF	ON	ON	1 4	(BG) + (H)	(FI) + (G)
22	OFF	ON	OFF	ON	OFF	1 5	(BG) + (H)	(FI) + (F)
23	OFF	ON	OFF	OFF	ON	1 6	(BG) + (E) + (A)	(FI) + (D) + (C)
24	OFF	ON	OFF	OFF	OFF	1 7	(BG) + (E) + (F)	(FI) + (D) + (G)
25	OFF	OFF	ON	ON	ON	1 8	Test Mode 2	Test Mode 2
26	OFF	OFF	ON	ON	OFF	1 9	(A)	(B)
27	OFF	OFF	ON	OFF	ON	1 A	(C)	(A)
28	OFF	OFF	ON	OFF	OFF	1 B	(D)	(C)
29	OFF	OFF	OFF	ON	ON	1 C	(E)	(G)
30	OFF	OFF	OFF	ON	OFF	1 D	(F)	(D)
31	OFF	OFF	OFF	OFF	ON	1 E	(G)	(H)
32	OFF	OFF	OFF	OFF	OFF	1 F	Message Only	Message Only

(BG) = Burglar Message : Leave immediately, you have entered a restricted area, authorities are responding. Burglary - Burglary.

(FI) = Fire Message: Fire - Fire, leave immediately.

Test Mode 1: Burglar Alert - Msg + (A) + (C) + (D) + (E) + (F) + (G) + (H)

Fire Alert - Msg + (A) + (C) + (D) + (F) + (G) + (H)

Test Mode 2: Burglar Alert - (A) + (C) + (D) + (E) + (F) + (G) + (H)

Fire Alert - (A) + (B) + (C) + (D) + (F) + (G) + (H)

Sound Choices:

- (A) Police siren
- (B) Fire bell
- (C) Fast warble
- (D) Buzzer
- (E) Barking dogs
- (F) Siren
- (G) Slow whoop
- (H) Pulsing bell

Trigger Inputs			
BA Terminal	Steady Voltage	Burglar Message, Pulsating Voltage	Fire Message
FA Terminal	Steady Voltage	Fire Message	

Jumper Settings

JP1: BA/FA

Input trigger signal level

JP2: Voice message

Repeating interval time

JP1 - ON requires a high signal to trigger (+12VDC)

JP1 - OFF requires a low signal to trigger (ground)

JP2 - ON 30 sec.

JP2 - OFF 60 sec.

