Thermal (	Gas Switch inc.					
	oad Bldg. H-1 ? P.O. Box 803 ? Roswell, GA 30076 and Haloguard IR <sup>2</sup> Monitors	TEL (770) 667-3865 FAX (770) 667-3857				
To: _		Date:				
AT: _						
FAX: _						
From: _						
Subject:	Haloguard <b>IR</b> Model	S/N				
Message:	Please provide the following information so that we may determine the solution to you problem.					
	1- Describe the problem:					

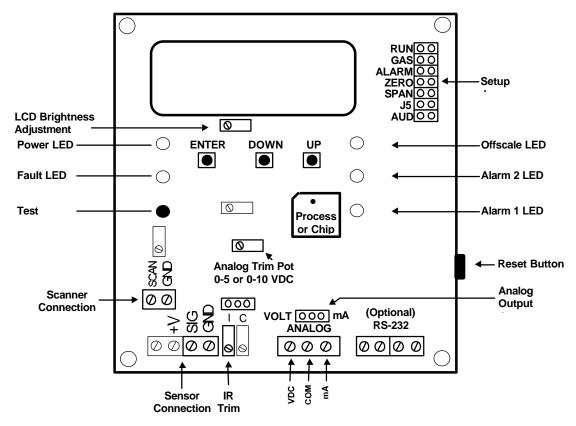


Figure 2 - Haloguard IR Controller Upper Circuit Board

**2-** Refer to **Figure 4**. Observe the LCD on **Haloguard IR Controller**. Record information display.

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	IS SW <sup>to</sup> I Bidg. H-1? F Haloguard IF			GA 30076			_ (770) 66 ( (770) 66	
3-	Advise sta	itus of all t	he LEDs or	n the facep	late:			
 4-	Remove fa	Remove faceplate from <b>Haloguard Controller</b> . Refer to <b>figure 2</b> , record jumper se						
	RUN	GAS	ALAR M	ZERO	SPAN	J5	AUD	
	ON	ON	ON	ON	ON	ON	ON	
	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
5- - - 6-	Wait at lea	ast one mir	nove jumpe nute. Refe	rring <b>Figur</b>	e <b>2</b> as a gu	uide, meas		
- -	Wait at lea	ast one mir	nute. Refe	rring <b>Figur</b>	e <b>2</b> as a gu	uide, meas 01V). EL		
- -	Wait at lea	ast one mir Record va	nute. Refe	rring <b>Figur</b> e nearest m	e 2 as a gu nillivolt (0.00 CHANNE SIG & GN	uide, meas 01V). EL		
- - 6-	Wait at lea and <b>GND</b> . Refer to <b>F</b>	ast one mir Record va Figure 2, m	nute. Refer alues to the nove jumpe	rring <b>Figur</b> e nearest m	e 2 as a gu nillivolt (0.00 CHANNE SIG & GN	uide, meas 01V). EL	sure dc vol	tage betwee
- 6-	Wait at lea and <b>GND</b> .  Refer to <b>F</b> the IR Sens	ast one mir Record va Figure 2, m sor Modul IR Sensor	nute. Referalues to the nove jumpe le: Module.	rring <b>Figur</b> e nearest m er from <b>J5</b> to	e 2 as a gu nillivolt (0.00 CHANNE SIG & GN O RUN.	uide, meas 01V). EL ID	sure dc vol	tage between  N to SETUF  Make su
6- At 7- 8-	Wait at lea and <b>GND</b> .  Refer to <b>F</b> the IR Sense Open the I  Examine to has not deserted.	rigure 2, masor Modulate Conditions to the conditions that the con	nute. Refer alues to the nove jumpe le: Module. on of clear porn fittings.	erring <b>Figur</b> e nearest m er from <b>J5</b> to Refer to <b>F</b> i	e 2 as a gunillivolt (0.00 CHANNE SIG & GNO RUN.	uide, meas 01V). EL ID	r from RU	tage between
- 6- <u>At</u> 7- 8-	Wait at lea and <b>GND</b> .  Refer to <b>F</b> the IR Sense Open the I  Examine thas not dealer the Halogue Wait at lease	rigure 2, masor Modular Sensor Modul	nute. Refer alues to the nove jumpe le: Module. on of clear porn fittings.	rring Figure nearest mer from J5 to Refer to Figure 1.	e 2 as a gualillivolt (0.00 CHANNE SIG & GN o RUN.	uide, meas 01V). EL ID	r from RU	tage between
6- At 7- 8-	Wait at lea and <b>GND</b> .  Refer to <b>F</b> the IR Sense Open the I  Examine thas not dealer the Halogue Wait at lease	rigure 2, masor Modular Sensor Modul	nute. Reference to the move jumpe le: module. In the module of the modul	rring Figure nearest mer from J5 to Refer to Figure 1	e 2 as a gualillivolt (0.00 CHANNE SIG & GN o RUN.	uide, meas 01V). EL ID	r from RU	tage betw

**11-** Move the jumper to **Alarm** position. Use **ENTER** pushbutton to toggle between alarm settings. Record values.

ALARM 1	ALARM 2			

## At the IR Sensor Module

12- Move jumper from **SETUP** to **RUN**. Close the **IR Sensor Module**.

## At the Haloguard IR Controller 13- Replace faceplate.

11285 Elkins Road Bldg. H-1? P.O. Box 803? Roswell, GA 30076

Haloguard<sup>2</sup> and Haloguard IR<sup>2</sup> Monitors

TEL (770) 667-3865 FAX (770) 667-3857

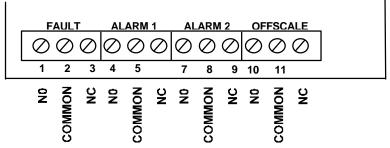


Figure 3 - Haloguard IR Controller Lower Circuit Board

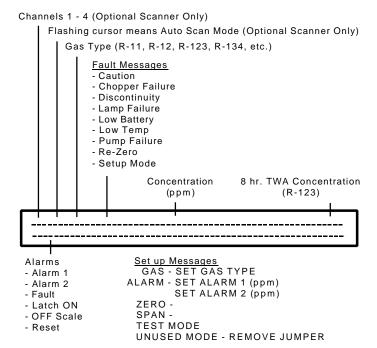


Figure 4 - Haloguard IR Controller LCD Display Features

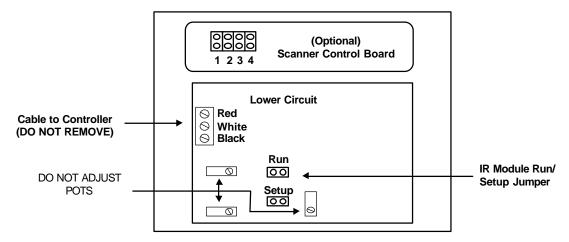


Figure 5 - IR Sensor Module Circuit Boards

The complete instruction manual may be helpful. If a copy is required, please let us know.