

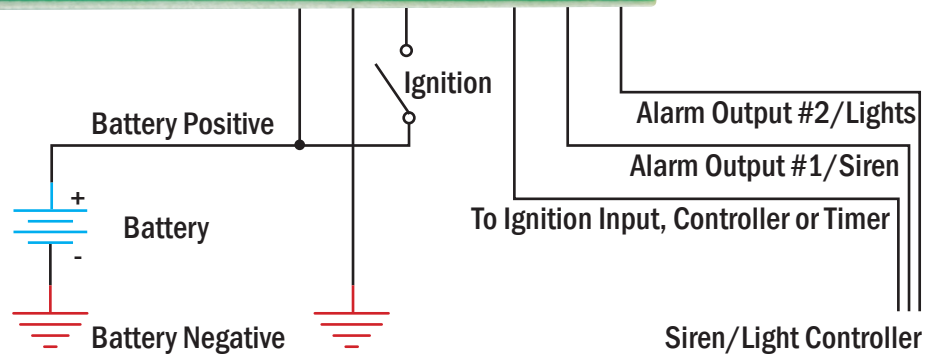
DEFEND IR

WIRING GUIDE

Wiring should be 18 AWG, UL 1007-1015 Insulation hookup wire. The 12v+ (Battery) wire should be fused using 5A fuse.

IGO (Ignition Out) should be fused to whatever specification the controller manufacturer recommends in their installation manual.

***IF USING TIMER - DISABLE THRESHOLD**



DEFEND IR



DIP SWITCH SETTINGS

The Defend IR has an 6 position DIP switch that allows users to configure timeouts in firmware. There are three timeouts that can be configured.

TIME TO ARM

DIP 1	DIP 2	SECONDS
OFF	OFF	0:03
ON	OFF	0:60
OFF	ON	0:90
ON	ON	1:20

TIME TO TRIGGER

DIP 3	DIP 4	SECONDS
OFF	OFF	0:10
ON	OFF	0:20
OFF	ON	0:30
ON	ON	0:40

TIME TO SOUND SIREN

DIP 5	DIP 6	SECONDS
OFF	OFF	0:30
ON	OFF	0:60
OFF	ON	0:90
ON	ON	0:120

TECHNICAL SPECIFICATIONS

Size.....2" Console Face Plate

Input Voltage 9 - 18vDC (negative ground)

Reverse Voltage Protect. Yes

Input Current A+ 3.0 Amps MAX

Input Current IGN 3.0 Amps MAX

Operating Temperature.. 0 °F to +160 °F (-18 °C to +71.1 °C)

Output OT1 High, 2.5 Amps MAX curent load @ 13.6vDC

Output OT2 High, 2.5 Amps MAX curent load @ 13.6vDC

Output IGO High, 2.5 Amps MAX curent load @ 13.6vDC

COMPATIBLE LIGHT/SIREN CONTROLLERS

Code 3 – Z3 Matrix

Federal Signal – Smart Siren Platinum, Pathfinder

SoundOff Signal – nErgy 400 Series

Whelen – CenCom, Control



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