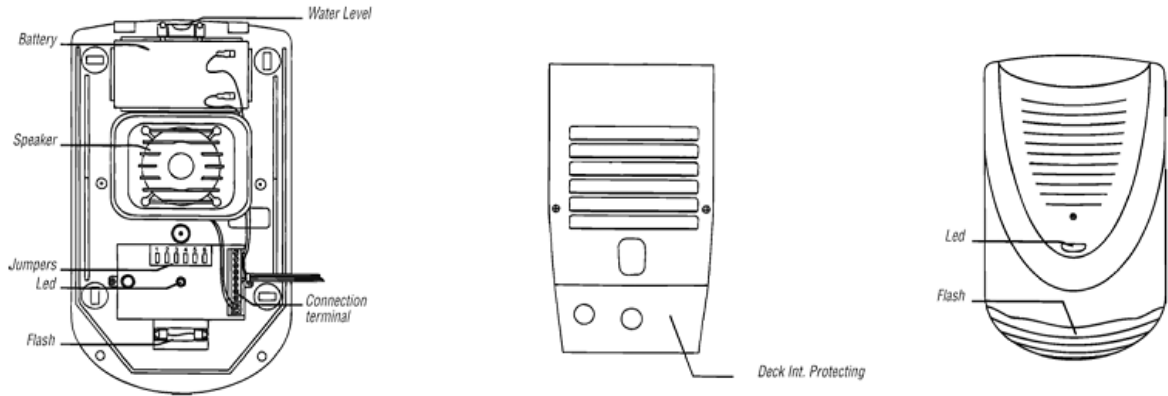


RECOMMENDATION FOR THE INSTALLATION OF ZDSH-108

RECOMMENDATION FOR THE INSTALLATION



FEATURE

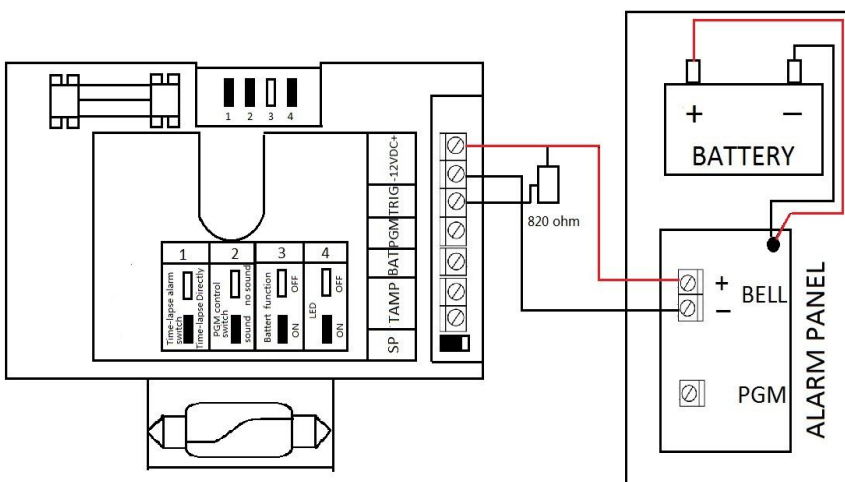
ZDSH-108 is designed for outdoor use. It powered by 12VDC, and has a built-in backup battery, The siren communicates with the alarm panel to realize its multifunction, contains a high power horn and a flashing light with a colored lens

Model	Siren Tone	Flash	Multifunction Led	Battery	Piezoelectric	Dynamic	Water Level	Power supply
ZDSH-108	3	yes	yes	12vdc/ 1,3ah	-	yes	yes	12vdc

Model	SPL	Static Current	Working Current	Dimension	Weight	Resonant Frequency	Tamper Switch
ZDSH-108	118db	3mA	1,4A	280x170x97mm	1,2 Kg	0,5-3KHz	N.C.

CONNECTION

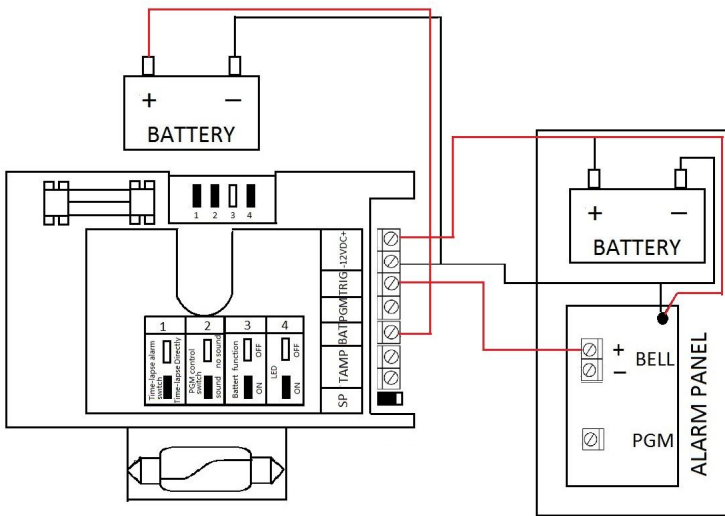
To optimize the sirens yield, the length of the wiring should be not over 15 meters



Picture 1:

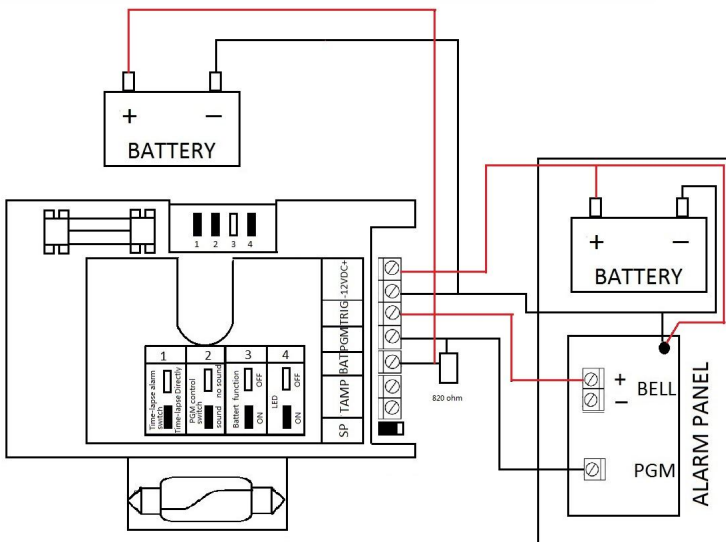
Under the condition that without battery, the terminal block of 12v “+ -” power supply which with the trigger , the ending resistor 820 ohm connect with the 12v “+” and “TRIG” of the alarm ,it is going to trigger the siren to work , the power supply of the host connect with the host . Only under this condition, the siren can be triggered.

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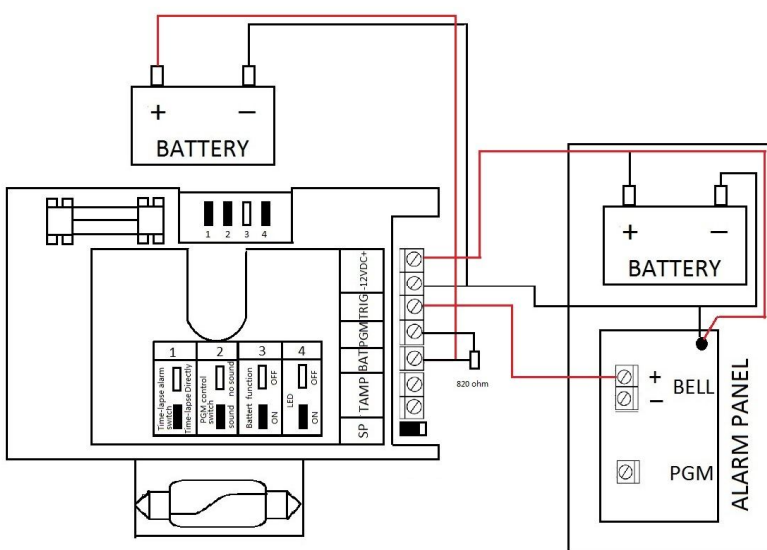
Picture 2:

Siren connect with the battery, the “+” connect with “BAT”, “ - ” connect with the terminal block 12v “ - ”, TRIG connect with the positive output power supply of the host ,the terminal block 12v “ - ” also should connect with the “ - ” of the battery back up of the host , the 12v “+” of the siren connect with the “+” side of the battery back up of the host , the power supply of the host need to connect with the host , then it will be trigger the siren working.



Picture 3:

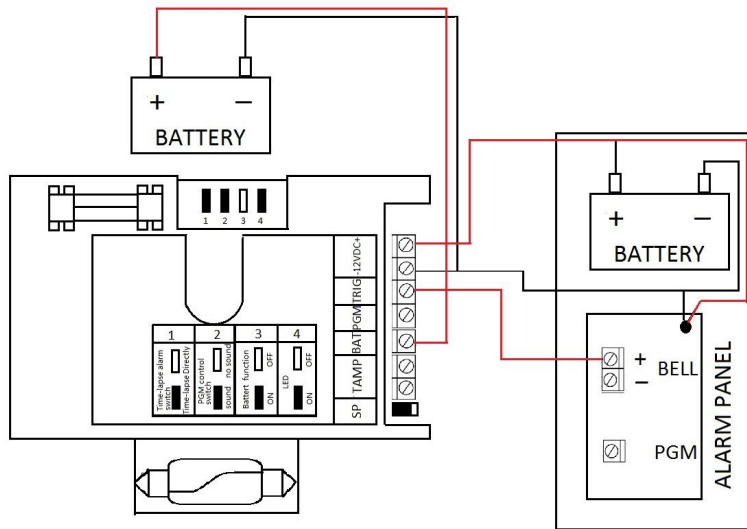
If the host has the program function, the terminal block PGM of the siren connect with the terminal block PGM of the host. The ending resistance 820 Ohm connect with the terminal block PGM and BAT of the alarm . The other connect way is the same like the picture 2



Picture 4:

If the host is without the program function, the terminal block PGM of the siren connect with the terminal block BAT . The other connect way is the same like the picture 2.

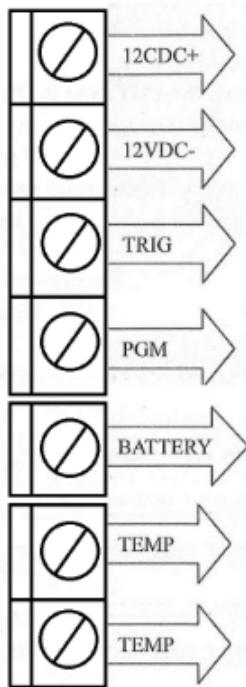
RECOMMENDATION FOR THE INSTALLATION



Picture 5:

The connect ways is the same like the picture 2 . The siren will be triggered when the output power is cut off.

TERMINAL OF CONNECTION



TERMINALS 12VDC+&-: they are the power terminals.

TERMINAL TRIG: it's the positive triggering terminal

TERMINAL PGM: It's a optional terminal, if the alarm panel has PGM function, the PGM terminal in the alarm panel should connect to this terminal. The resistance 820 Ohm should connect the PGM terminal and BAT terminal.. If the alarm panel do not have PGM function, the PNG terminal should connect the BAT terminal.

TERMINAL BATTERY: Connecting with the positive input of the backup battery.

TERMINAL TEMP: These two terminal should connect with the Micro switch (anti-removing) switch

RECOMMENDATION FOR THE INSTALLATION

FUNCTION OF DIP SWITCH

1.Time-lapse alarm switch	Time-lapse alarm	Directly	
2.PGM control switch	suggestive sound	No sound	
3 Battery connect switch	Battery connect	Battery disconnect	
4 LED	Led on	Led off	

FUNCTION AND TEST

1. LED AND LAMP TEST

Pick the DIP switch 1 in ON mood (the others also in ON mood), 12VDC power connected, the siren the siren sound" DEE DEE DEE", 4 LEDs flash at the same time. The tube is on. After 10 seconds, the siren start to sound" JU JU JU. 4 LEDs flashes one by one in turn. The tube in on and the power indicating LED twinkles. After 10 seconds, there will be fire alarm sound, LED flashes quickly and the tube also flashes. We call it time-pulse alarm.

Pick the the DIP switch 1 in OFF mood (the others in ON mood), the first sound of the siren will be " JU JU JU" directly.

2. TRIGGERING TEST

Pick the DIP switch 3 in the OFF mood (the others in ON mood), if there is no any triggering feeding, the siren is static (LED lights) and waiting for feeding to alarm, when positive triggering feeding supplied, the siren start (time-lapse)alarm.

3. ENABLE AND DISABLE TIME-LAPSE FUNCTION

Pick the DIP switch 1 in the ON mood, the time-lapse function enable, or disable

4. PROMPT SOUND SETTING

Pick DIP switch 2 in the ON mood, once the siren doesn't be connected the alarm panel properly, it will give a soft prompt sound, to suggest you to check the connection again.

5. POWER FAILURE ALARM

After the siren is connected correctly, if the DIP switch 2 is in ON mood, in any case the out power failure, the siren would alarm. If it is in OFF mood, it will alarm only when it is triggered.

6. AUTOMATICALLY CHARGE THE BACKUP BATTERY

If the Green LED light, it indicates the voltage of the battery is low ($<8V$),and the siren is charging the battery automatically.

NOTES

The standard alarm panel 728(Paradox),if you use different alarm panel, pls consult your manual of the alarm panel.