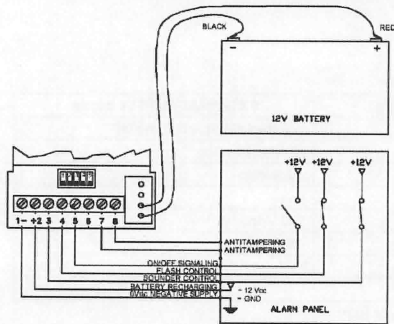


MOUNTING:

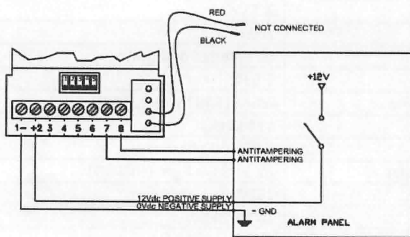
1. Fix the sounder to the wall and check correct functioning of tamper protection;
2. Insert connecting cables through the holes on base of the housing;
3. If required, modify the default settings and move dip-switches according to the charts below;
4. Connect battery (only in BATTERY-SUPPLY mode) and supplying to control panel;
5. Close internal and external covers using the screws given.

CONNECTION:

BATTERY-SUPPLY mode



EXTERNAL-SUPPLY mode



SET UP FOR EXTERNAL-SUPPLY MODE	
DIP 1 - Sounder Timing	OFF - 10 minutes; ON - infinite
DIP 2	OFF
DIP 3	OFF
DIP 4	OFF
DIP 5	OFF

CONNECTIONS

Screw Terminal	Connection
1 -	Negative power supply 0V
+ 2	Positive power supply +13.8V
3	Sounder control (see DIP 1, 2 and 3)
4	Flash control (see DIP 4 and 5)
5	Not used – do not touch
6	Not used – do not touch
7	TAMPER Self-protection, N.C.
8	TAMPER Self-protection, N.C.

SETTING

DIP SWITCH	Function	OFF	ON
DIP 1	Sounder Timing	10 minutes	infinite
DIP 2	Speaker Control Polarity	Positive (12V)	Negative (0V)
DIP 3	Speaker trigger mode	Missing trigger	Giving trigger
DIP 4	Flash Control Polarity	Positive (12V)	Negative (0V)
DIP 5	Flash trigger mode	Missing trigger	Giving trigger

OUTDOOR OPTICAL ACOUSTIC ALARM DEVICE TL 30

TL 30 is an optical-acoustic alarm device for outdoor use. It can be connected in self-supplied mode and with external supply source.

TL 30 is equipped with a high-brightness LED flashing device and a high-power speaker. Moreover, it features micro-processor controlled board and anti-opening anti-removal tamper protection against any attempts of opening the sounder cover and detaching the device from the installation surface.

The 5-way dipswitch bar enables the selection and setting of different functions to suit any alarm systems and the board is protected against reverse polarity and tropicalized through a special resin treatment to resist even in very severe, humid or cold environments.

TECHNICAL DATA:

	BATTERY-SUPPLY mode	EXTERNAL-SUPPLY mode
Cover, base material	painted zinc-plated metal	painted zinc-plated metal
Flash cover	polycarbonate	polycarbonate
Supply voltage	13.8 Vdc	12.5 Vdc
Voltage for battery recharge	13.2 Vdc	---
Minimum operating voltage	9.0 Vdc (BATT.)	9.0 Vdc
Maximum operating voltage	14.5 Vdc	14.5 Vdc
Batteries	12V 1.2Ah	---
Battery autonomy in stand-by	40 hours	---
Current consumption from control panel during battery recharge	500 mA (1.3 A peak if battery is fully discharged)	---
Current consumption during sounder alarm	700 mA (1.3 A peak if battery is fully discharged)	1.3 A peak
Current consumption of flashing unit	46 mA from battery	46 mA
Current consumption of the control inputs (each)	770 μ A (0.77 mA)	770 μ A (0.77 mA)
Alarm tension of sounder and flash	3.8 Vdc	3.8 Vdc
Block tension of sounder and flash	3.7 Vdc	3.7 Vdc
Open collector output	100 mA	100 mA
Sounder timing	10 minutes or infinite	10 minutes or infinite
Modulation frequency	1.5 Hz	1.5 Hz
Sounds frequency	From 1600 Hz to 2250 Hz	From 1600 Hz to 2250 Hz
Acoustic power (@ 1 m)	114dB (A)	114dB (A)
Duration of led flashing	1,000,000 flashes	1,000,000 flashes
Size	21.5 x 15 x 7 cm (HxWxD)	21.5 x 15 x 7 cm (HxWxD)
Weight	1920 gr	1920 gr
Operating humidity range	20% \div 100%	20% \div 100%
Operating temperature	-25° C \div +70° C	-25° C \div +70° C
IP protection	IP 34	IP 34
Anti-tamper protection	cover opening, sounder removal	cover opening, sounder removal

WARRANTY

All Sylco products are guaranteed for manufacturing or material defects. With the aim of improving design and quality of its products, Sylco retains the right to modify the products without any warning. All defective or failed products have to be returned to the own supplier.



WASTING:
This product must be wasted in appropriate wheelle-bin for elect electronic materials.
Do not put in weelle-bin for other waste.



MADE IN ITALY

Hereby the manufacturer declares that this product is in compliance with all relevant EU Directives on CE marking and with 2014/30/EU Directive (Electromagnetic Compatibility Directive)

The full declaration of conformity is available upon request at info@sylico.com

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