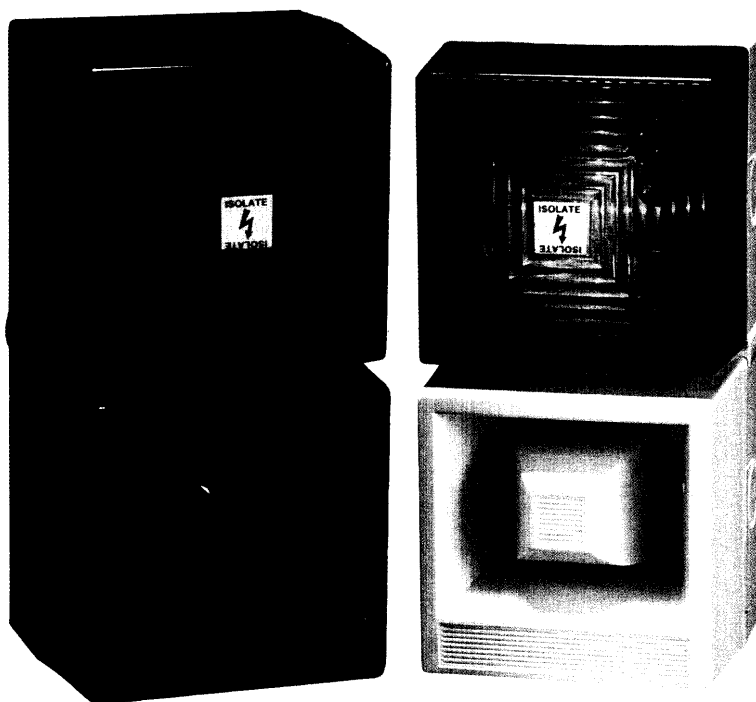


928-586



Yodalight sounder and flashing beacon type YL4

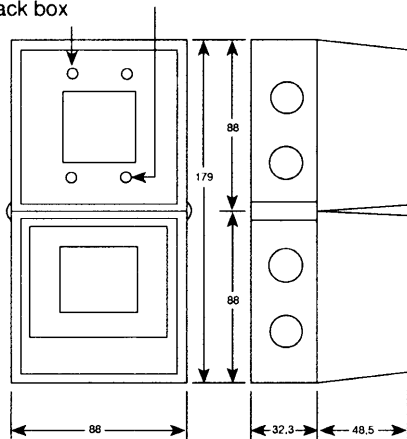


Combined audible and visual alarm.

- High sound output
- High intensity flashing light
- Continuously rated
- Reliable and simple to install

Dimensions (mm)

Two retained screws for securing to back box



Design data (typical)

General

Temperature (°C)	Operating	-25 to +40
	Storage	-40 to +70
Relative humidity at 40°C		90%
Approximate net weight (kg)		0.45
Protection classification BS.EN 60529:1992	IP54	(Improved weather resistant version available)
Base and sounder are of red or white ABS plastic material; the beacon lens is of flame retardant polycarbonate. Red flame retardant moulding to UL95V-O are available on request. (Code RF).		
Operating voltages, dc	12	24
Voltage tolerance	±20%	
Terminal capacity	2 × 1.5mm ² conductors	

Yodac Range

The YL4 Sounder/beacon is one of a number of compatible components comprising the YODAC range for fire and security systems. Details of these and the full range of audible and visual alarms are available on request.

Clifford & Snell Alarms

Tom Cribb Road, Thamesmead, London SE28 0BH

Tel: 44 (0) 181 316 4477 Fax: 44 (0) 181 854 5149

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All dimensions quoted are approximate only and subject to change without notice, as are other technical features resulting from continual development and improvement

CS0802E0295/GA

Design data (continued)						
Sounder			Sound output level dB(A) at 1m and current consumption mA			
First stage signal	Repetition rate (sec.)	Second stage signal	12Vd.c.		24Vd.c.	
			dB(A)	mA	dB(A)	mA
1. Alternate two tone 800-1000Hz	0.5	11	97	22	102	35
2. Continuous tone 800Hz	—	1	96	18	102	30
3. Interrupted tone 800Hz	0.5	1	96	13	102	20
4. Alternate two tone 2400-2900Hz	0.5	4	101	41	108	70
5. Continuous tone 2400Hz	—	4	99	37	106	65
6. Interrupted tone 2400Hz	0.5	4	99	23	106	40
7. Slow whoop 500-1200Hz	4.0	2	97	22	102	35
8. Swept frequency 1200-500Hz	1.0	2	97	50	102	110
9. Siren signal	3.25	9	97	18	102	30
10. Fast whoop 500-1000Hz	0.1	9	97	16	102	30
11. Alternate fast two tone 800-1000Hz	0.25	11	97	22	102	35

Note:

Sound output level, repetition rate and current consumption figures all relate to first stage signal.

Flashalarm		
Operating voltage	12Vd.c.	24Vd.c.
Flash energy (joules)	2.5	5 2.5
Light output, opal lens (candela seconds)	4.5	14 4.5
Current consumption (mA)	300	300 150
Flash rate (Hz)	1	1 1
Lens colours	Opal, amber, red, green, blue, clear	

Volume Control – Fitted as standard to give approx. 18dB(A) adjustment.

A polarising diode is included to prevent damage due to accidental supply reversal and to allow monitoring of cable integrity.

Sounder and flashing beacon can operate together or separately

How to order: Specify quantity and code from table.

Yodalight YL4

YL40					
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Sounder input/output

Range	DC Supply (V)	
	12	24
	B	D

Beacon input/output

	DC Supply (V)	
	12	24
Flash energy (joules)	2.5	5.0
	B25	D25
		D50

Base colour

Range	Red	White
	RN	WN

Lens colour

Range	Amber	Blue	Green	Opal	Red	Clear
	A	B	G	O	R	C

Example: YL40D50RNRA

– A Yodalight YL4 at 24 Vd.c., 5 joule flash, amber lens, red base.

If you have any other requirements, please contact the company as optional variants may be available.

Other combinations of audible and visual alarms can be supplied, e.g. LCI and 0.3j V4.

Clifford & Snell Alarms

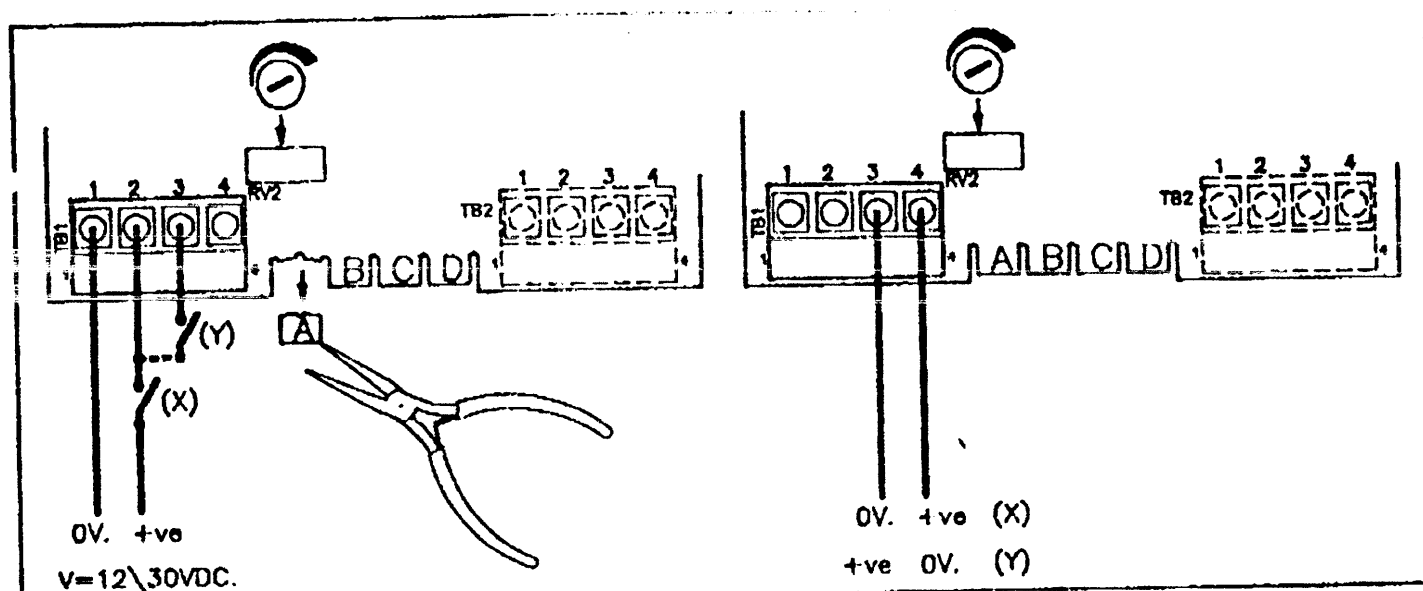
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	(X)		(Y)	
	1000Hz 800Hz		1000Hz 800Hz	
	800Hz		1000Hz 800Hz	
	800Hz		1000Hz 800Hz	
	1000Hz 800Hz		1000Hz 800Hz	
	2900Hz 2400Hz		2900Hz 2400Hz	
	2400Hz		2900Hz 2400Hz	
	2400Hz		2900Hz 2400Hz	
	1200Hz 500Hz		800Hz	
	1200Hz 500Hz		800Hz	
	1000Hz 500Hz		1000Hz 500Hz	
	1000Hz 500Hz		1000Hz 500Hz	
	1000Hz 800Hz		1000Hz 800Hz	