

Macurco™

BUILDING & HOME SOLUTIONS

Whether you are looking for gas detection for a security system, building automation or HVAC system, for personal safety or for monitoring specific gases in potentially hazardous environments, Macurco has a gas detector to meet your needs.



Notification Series



Horn & Strobe



Strobe Only



Horn Only

The Macurco Notification series is designed for spaces where distinctive visual or audible signal is required. The family is comprised of horn only, strobe only, or combination horn/strobe. These devices use low current to provide a high decibel output, and can be easily seen and heard from afar. The product offering works well with Macurco products including the Macurco control panels and the Macurco 6 & 12 Series detectors. This notification device can be flush or surface mounted on a standard 4" x 4" electrical box.

Key Features

- Flexible optic design to meet or exceed the light output on vertical/horizontal dispersion
- Strobe Candela: Adjustable at 15, 30, 75 or 110cd *Based on test result with clear lens cover
- Adjustable two audible tone settings: Continuous (high/low) / Temporal 4 (high/low)
- Size: 5 1/2 x 4 3/4 x 2 in. (14 x 12 x 5 cm)
- 20ms pulse duration
- Low current draw
- High power cool white LED is used
- Strobe flash rate: 1 flash per second (HS)
- Nominal voltage: Regulated 24VDC
- Operating voltage: 16 to 33 VDC
- Operating environment: 32°F to 120°F (0°C to 49°C). 10 to 93% RH
- Works with all Macurco control panels
- Works with Macurco 6 & 12 series detectors

Notification Series

Specifications

Size	5 1/2 x 4 3/4 x 2 in. (14 x 12 x 5 cm)
Weight	1 lb.
Housing	Gray - Fire Retardant Material
Voltage/Current	HS: 74-133mA S: 31-90mA H: 29-46
Synchronize	Sync Module Option
Operating Environment:	32°F to 120°F (0°C to 49°C) 10 to 93% RH
Nominal Voltage:	Regulated 24VDC
Wiring	12-2 to 18-2 AWG
Mounting	Standard 4" x 4" back box
Certifications	HS: UL 464, UL 1638, UL 1971, ULC S525, UL S526, UL 638A, ULC C22.2 No.205, S: UL 1971, UL 1638, ULC S526 H: UL 464, ULC S525

Wall Mount Horn/Strobe Current Draw (A)					
Strobe Candela Settings (cd)					
Current	Sound Pattern	16-33 Volts			
		15	30	75	110
DC	High Continuous	0.087	0.094	0.122	0.133
	High Temporal 4	0.080	0.083	0.108	0.126
	Low Continuous	0.074	0.080	0.110	0.125
	Low Temporal 4	0.075	0.080	0.106	0.124
FWR	High Continuous	0.115	0.137	0.165	0.186
	High Temporal 4	0.113	0.122	0.154	0.179
	Low Continuous	0.113	0.117	0.160	0.175
	Low Temporal 4	0.094	0.117	0.132	0.160

Sound Output (dBA)					
Reveberant dBA Per UL 464			Anechoic dBA		
Pattern	Volume	Horn Strobe (16-33Volts)	Pattern	Volume	Horn Strobe (16-33Volts)
Continuous	High	91.4	Continuous	High	92.0
	Low	86.6		Low	87.7
Temporal 4	High	87.5	Temporal 4	High	92.0
	Low	82.2		Low	87.2

**Macurco reserves the right to change any specifications without notice.

**Refer to local codes for appropriate mounting heights

Wall Mount Horn Current Draw (A)					
Temporal			Continuous		
Current Draw (A)	Sound Pattern	16-33Volts	Current Draw (A)	Sound Pattern	16-33Volts
DC	High dB	0.029	DC	High dB	0.046
	Low dB	0.029		Low dB	0.046
FWR	High dB	0.057	FWR	High dB	0.068
	Low dB	0.051		Low dB	0.056

Sound Output (dBA)					
Reveberant dBA Per UL 464			Anechoic dBA		
Pattern	Volume	Horn Strobe (16-33Volts)	Pattern	Volume	Horn Strobe (16-33Volts)
Continuous	High	91.3	Continuous	High	92.0
	Low	86.1		Low	87.7
Temporal 4	High	87	Temporal 4	High	92
	Low	81.5		Low	87.2

Wiring

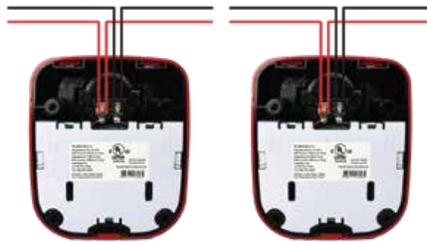
From preceding Appliance, FACP or Sync Module

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From preceding Appliance, FACP or Sync Module



- 4 candela settings:
15/30/75/110cd output
- 2 audible tone settings:
Continuous / Temporal 4

Wall Mount Strobe Current Draw (A)				
Strobe Candela Setting (cd) 16-33 Volts				
Current	15	30	75	110
DC	0.031	0.038	0.063	0.09
FWR	0.081	0.09	0.124	0.145

Color Options



Macurco Gas Detection

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