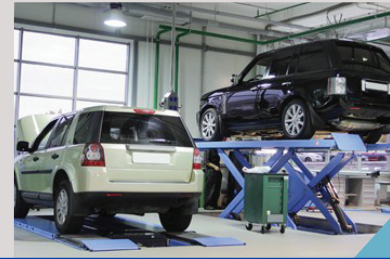


# Macurco™

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.<br>(14 x 12 x 5 cm)  |
| Weight                 | 1 lb.  |
| Housing                | Gray -<br>Fire Retardant Material  |
| Voltage/Current        | <b>HS:</b> 74-133mA<br><b>S:</b> 31-90mA<br><b>H:</b> 29-46  |
| Synchronize            | Sync Module Option   |
| Operating Environment: | 32°F to 120°F (0°C to 49°C)<br>10 to 93% RH  |
| Nominal Voltage:       | Regulated 24VDC  |
| Wiring                 | 12-2 to 18-2 AWG   |
| Mounting               | Standard 4" x 4"<br>back box   |
| Certifications         | <b>HS:</b> UL 464, UL 1638,<br>UL 1971, ULC S525,<br>UL S526, UL 638A,<br>ULC C22.2 No.205,<br><b>S:</b> UL 1971, UL 1638,<br>ULC S526<br><b>H:</b> 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)         |        |                          |              |        |                          |
|----------------------------|--------|--------------------------|--------------|--------|--------------------------|
| Reverberant 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)         |        |                          |              |        |                          |
|----------------------------|--------|--------------------------|--------------|--------|--------------------------|
| Reverberant 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 3                 | High   | 87                       | Temporal 4   | High   | 92                       |
|                            | Low    | 81.5                     |              | Low    | 87.2                     |

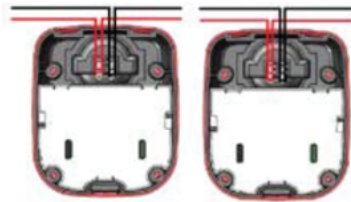
## Wiring

From preceding Appliance, FACP or Sync Module



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

From preceding Appliance, FACP or Sync Module



| 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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