



Macurco™ HS-Sync

Horn & Strobe Synchronization Module

User Instructions



IMPORTANT: Keep these user instructions for reference.

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1 General Safety Information

The following instructions are intended to serve as a guideline for the use of the Macurco HS-Sync Synchronization Module. This manual will refer to this device as HS-Sync. This manual is not to be considered all-inclusive, nor is it intended to replace the policy and procedures for your facility. If you have any doubts about the applicability of the equipment to your situation, consult a FPE or your local AHJ or call Technical Support at 1-844-325-3050.

1.1 General Description

The Macurco Sync Module provides synchronized visual and audible notification for Macurco Control Panels and life safety system notification. Temporal 3 and Temporal 4 notification appliances are supported by the same module. The module's mounting plate and compact size allow installation in a 4" x 4" electrical box.

1.2 List of Warnings and Cautions

 WARNING
Each person using this equipment must read and understand the information in this user manual before use. Use of this equipment by untrained or unqualified persons or use that is not in accordance with this user manual may adversely affect product performance.
Use only for Macurco Notification Series product line. Failure to do so may result in product incompatibility and cause serious injury or death. For proper use, review the user manual, or contact Technical Support at 1-844-325-3050.
This equipment may not function effectively below 0°F or above 120°F (-18°C or above 49°C). Using the HS-Sync outside of this temperature range may adversely affect product performance.
Do not disassemble the unit or attempt to repair or modify any component of this instrument. This device contains no user serviceable parts, and substitution of components may impair product performance.

2 Use Instructions and Limitations

 WARNING
Each person using this equipment must read and understand the information in this user manual before use. Use of this equipment by untrained or unqualified persons or use that is not in accordance with this user manual may adversely affect product performance.



2.1 Features

- Mounts to 4x4 electrical box
- Nominal voltage: Regulated 24VDC
- Synchronizes Macurco Notification Series
- Operating voltage: 16 to 33 VDC
- 10 to 93% RH
- Compatible with Macurco Control Panels and other 24VDC devices

2.2 Specifications

- Size: 4.5" x 4.5" x1"
- Weight: 0.5 lbs
- Housing: Gray – Fire Retardant Material
- Rated Input Voltage: Regulated 24 VDC/FWR (16-33VDC)
- Supervisory Current (NAC+/-): 150mA, maximum
- Alarm Current Consumption (NAC+/-): 5 mA, maximum
- Maximum Output Current: 3.0 amps, maximum
- Operating Environment: : 0°F to 120°F (-18°C to 49°C)
- Storage Temperature: -4°F to 176°F (-20°C to 80°C)
- Flash Rate: 1Hz
- Sound Sync: Supports both Temporal 3 & 4
- Wiring: 12-2 to 18-2 AWG
- Certifications: UL 464, ULC S525

3 Installation Instructions

Use this product according to this installation manual. Keep these instructions for future reference. Failure to follow this manual could result in property damage and serious injury or death to you and/or others. Refer to compatible listed control panel manual for additional information.



The Macurco Sync Module provides synchronization for a circuit of compatible notification appliances. See Figure 1.

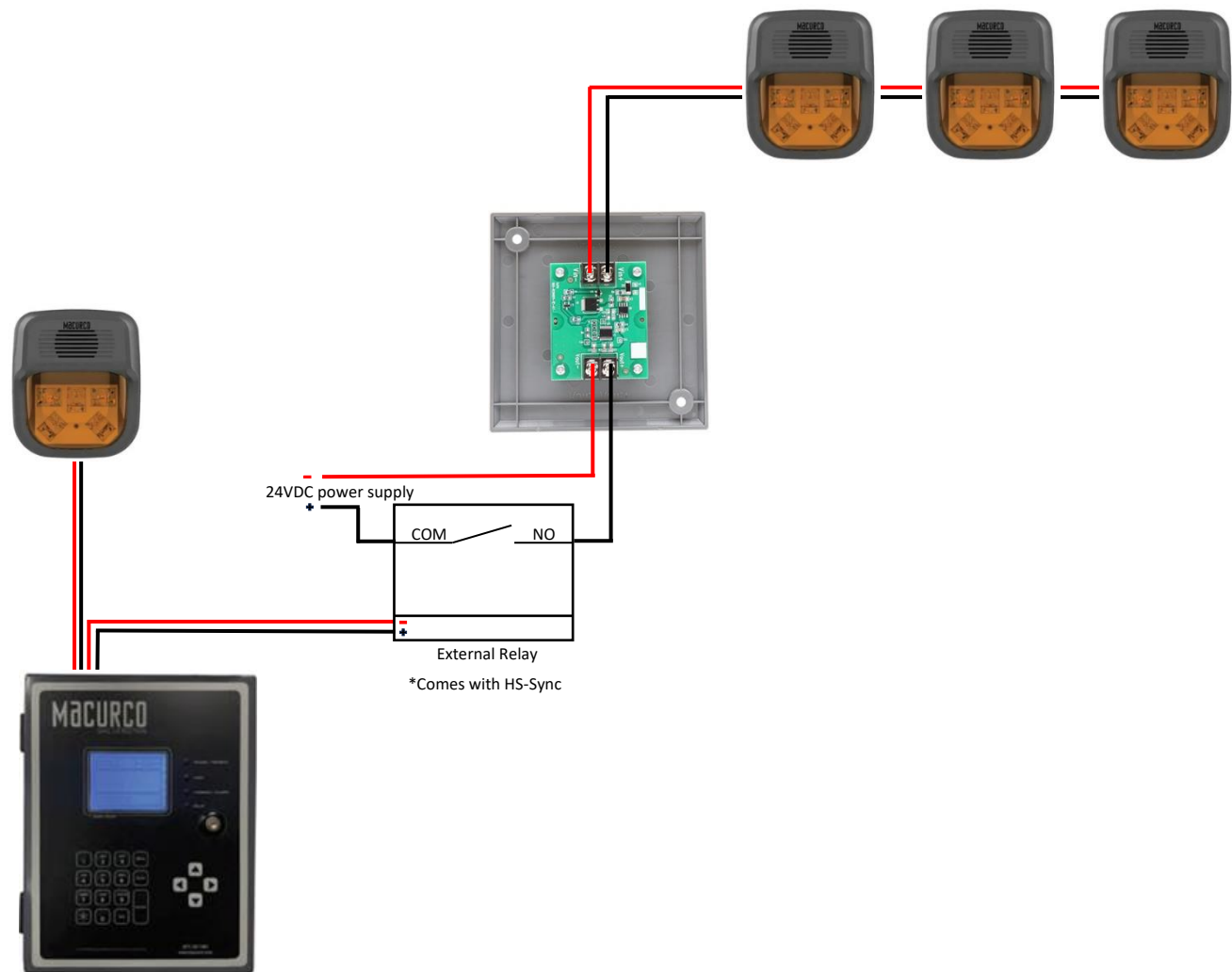


Figure 1: Standalone and Grouping with Sync Module

4 Compatible Notification Appliances

Model Number	Description	Maximum Number of Devices
MHG	Wall Mount Horn	60
MSG-X	Wall Mount Strobe	30
HS-X	Wall Mount Horn/Strobe	20
*-X, refers to strobe lens color (A = Amber, B = Blue, C = Clear, G = Green, R = Red)		



5. Macurco Inc Product limited warranty

Macurco warrants the HS-Sync synchronization module will be free from defective materials and workmanship for a period of two (2) years from the date of manufacture (indicated on inside cover of the back of the housing), provided it is maintained and used in accordance with Macurco instructions and/or recommendations. If any component becomes defective during the warranty period, it will be replaced or repaired free of charge, if the unit is returned in accordance with the instructions below. This warranty does not apply to units that have been altered or had repair attempted, or that have been subjected to abuse, accidental or otherwise. The above warranty is in lieu of all other express warranties, obligations, or liabilities. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE ARE LIMITED TO A PERIOD OF TWO (2) YEARS FROM THE PURCHASE DATE. Macurco shall not be liable for any incidental or consequential damages for breach of this or any other warranty, express or implied, arising out of or related to the use of said device. The manufacturer or its agent's liability shall be limited to replacement or repair as set forth above. Buyer's sole and exclusive remedies are the return of the goods and repayment of the price, or repair and replacement of non-conforming goods or parts.

Macurco Gas Detection

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