

Features

- The module can synchronize one (1) class A or two (2) class B NAC lines without the need for programming.
- The module is fail-safe and will provide power to the NAC line by default through a relay.
- The module has an isolated silence input
- The module has an isolated sync input/output to link up to 20 modules together.
- Mounts in a standard 4" square or double gang electrical back box.

Description

The MIX-4050 Sync Module is designed to be used with MGC NAC devices.

The Sync Module is used to synchronize the strobe flashes with the audio signal pattern. The same protocol is used to silence the horn while maintaining the strobe flashes.

The sync module is installed between a fire alarm system NAC line and the NAC devices. When there is no alarm, the NAC line connected to the sync module is off and no power is applied to the device. When the NAC line turns on, the device is powered and becomes operational.

An LED will indicate activation. Up to 20 modules can be interconnected to achieve synchronization without the need to program or select a master unit.

The silence input can be used to silence the NAC devices on one MIX-4050 without affecting the other MIX-4050 devices that are interconnected.

The module can synchronize one (1) class A or two (2) class B NAC lines without the need for programming.

This is a hardware only device and does not require an address.

Benefits

- The Sync module uses no power during standby.
- Does not require addressing.
- An LED will indicate activation.
- The Sync module is compatible with any UL/ULC listed panels and power supplies capable of providing regulated 24VDC or FWR for NACs.
- The interconnected MIX-4050 devices synchronize without the need of programming

Compatible Devices

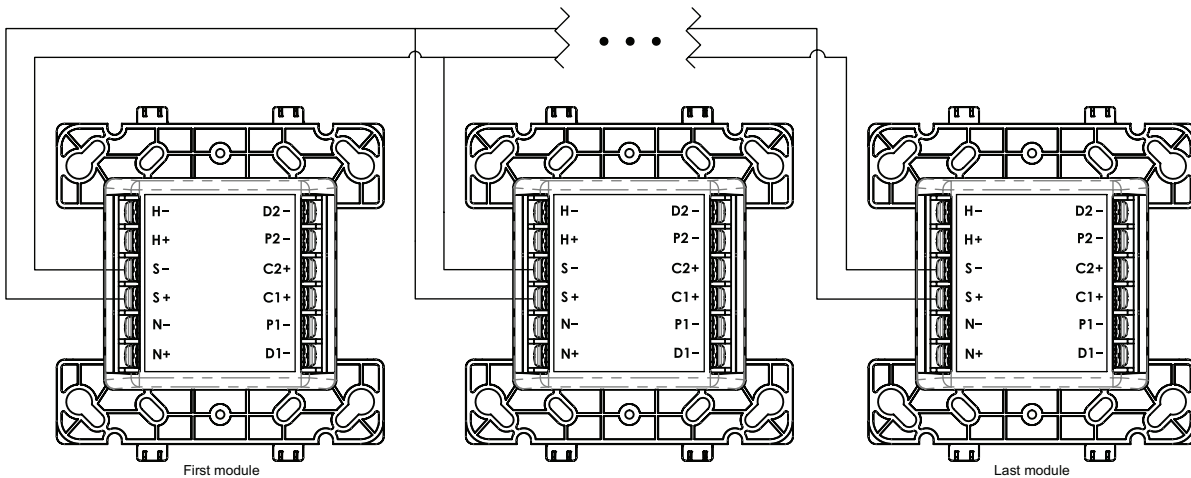
- MGC FH-400 Series
 - Horns
 - Strobes
- MGC FHS-400 Series Horn Strobes
- MGC SPPS Series
 - Speakers
 - Speaker Strobes



Technical Specifications

Input Voltage	Regulated 24V DC/FWR
Max Operating Current	2.5mA
Max NAC Current	3A for Class A, 2x3A for Class B lines
Temperature Range	32°F to 120°F (0°C to 49°C)
Humidity	10% to 93% Non-condensing
Wiring Range on terminals	22 to 12 AWG
Dimensions	4.625" H x 4.25" W x 1.125" D
Mounting	Typically mounted on a standard 4" square box. Also compatible with double-gang electrical boxes or BB-400 surface mount box.

Interconnection



SYNC MODULES INTERCONNECTION (20 MODULES MAXIMUM):

Ordering Information

Model	Description
MIX-4050	Sync Module White Finish
BB-400	Surface mount back box



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