

The NATIONAL TIME C3 Synchronized Series is a low profile strobe or horn/strobe combination that offers dependable audible and visual alarms. The C3 Series horns provide selections for high/low dBA, continuous/code 3 temporal horn sound settings for high frequency tone, mechanical tone and chime tone. In addition the horn can be selected for a slow whoop tone operation. The low dBA selection will reduce horn output dBA and is used in environments with low ambient noise levels. The high frequency (2400 Hz) selection is recommended for use in remote signal applications. The low frequency (factory) selection is recommended for use in evacuation signaling application. The C3 Series horns are factory shipped for code 3 temporal selection.

The C3 Series strobe provides a low operating current and a minimum flash rate of 1Hz throughout the rated input voltage range. The C3 comes with a slider switch to allow field selectable strobe candela selection. The candela intensity can be set for 15CD, 30CD, 60CD, 75CD or 110CD.

The C3 Series easy slide mounting system provides convenient installation and device testing operation. The C3 Series operates from the synchronized outputs on the National Time Synchronized Series, Fire Alarm Control Panel or Notification Appliance Control Panel or from the Remote Power Supply providing individual synchronized horn and strobe operation on the same 2 wires.

The C3 Synchronized Series comes standard with the 4" mounting plate. The mounting plate will mount to a 4" square box, a 2-gang masonry box, a 2-gang switch box, a single gang masonry box or a single gang switch box for flush mount appliances. For surface mount appliances use the SG-CBB surface box.

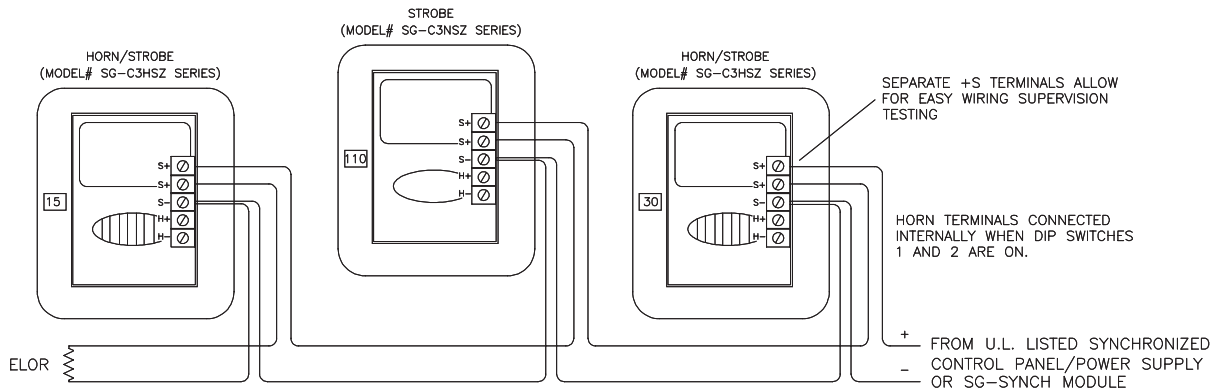
The C3 Synchronized Series appliances are UL 1971 listed for use with fire protective systems.



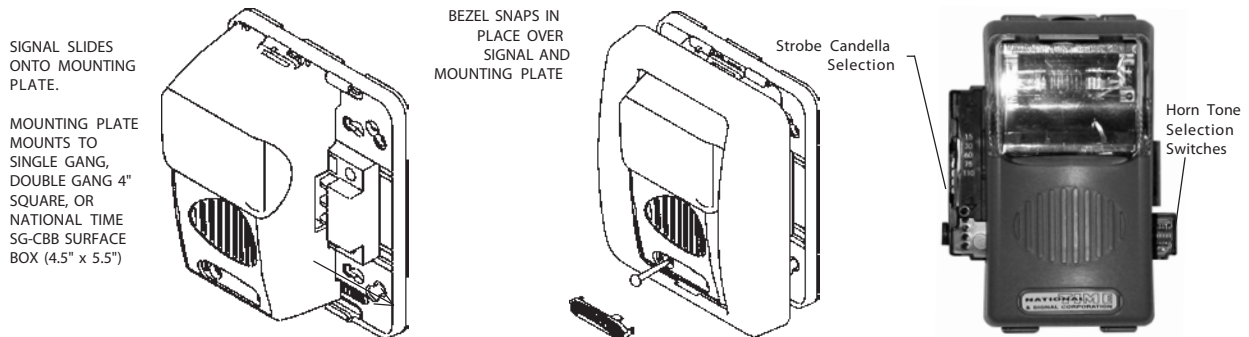
Features:

- Low Operating Current
- Easy Installation - Low Profile
- Convenient Test Operation
- Tamper proof Re-Entrant Grill
- High/Low dB Selection
- High/Low Frequency Selection
- Continuous or Temporal Selection
- Chime Tone
- Slow Whoop Tone
- Selectable Candela Intensity
- Wide Voltage Range
- Input Terminals 12 to 18 AWG
- Strobe/Horn Synchronization
- Individual Horn/Strobe Operation on 2 Wires
- ADA Compliant; NFPA 72
- U.L. Listed

Wiring Diagrams



Mounting Options



Ordering Information

	Model Number	Nominal Voltage	Candela	Strobe Current		Horn Current		Anechoic
				24VDC	UL max ¹	24VDC	UL max ¹	Room @10 ft.
Strobe Only	SG-C3NSZ	24 VDC	15	30mA	42mA	--	--	--
			30	35mA	58mA	--	--	--
			60	66mA	97mA	--	--	--
			75	80mA	116mA	--	--	--
			110	103mA	161mA	--	--	--
Horn/Strobe	SG-C3HSZ	24 VDC	15	30mA	42mA	25mA	25mA	100dBA
			30	35mA	58mA	25mA	25mA	100dBA
			60	66mA	97mA	25mA	25mA	100dBA
			75	80mA	116mA	25mA	25mA	100dBA
			110	103mA	161mA	25mA	25mA	100dBA
Horn	SG-C2HNZ	24 VDC	--	--	--	25mA	25mA	100dBA

When ordering, please specify style by adding the following to the end of the model number: "-WH" = White Version

¹RMS current ratings are per UL average RMS method. UL max rating is the maximum current throughout the operating voltage range (16-33VDC)

Accessories

Model Number	Description
SG-CBB	Plastic Surface backbox for C2 and C3 Series