

**NEW** PRODUCT!

# CenCom Gold™

THE EVOLUTION OF THE SIREN AND LIGHT CONTROL SYSTEM FOR LAW ENFORCEMENT AND EMERGENCY PROFESSIONALS



*When technology takes a step up, so do the engineers at Whelen Engineering Company! CenCom Gold provides the road-tested performance of the original Cencom and adds the features you've been looking for.*

Configuration programming is easier than ever, with "drag and drop" feature and more flexibility to configure lights, traffic arrows and siren function controls to your specific needs.

The single Amplifier/Relay Module (ARM) provides ease of access to fuses and connectors without removing the cover.

Heavy-duty, two-position Molex® power connector is designed to handle rough treatment without damage or accidental disengagement. The system handles one or two 100-watt speakers.

CenCom Gold features an easily programmable system with a control head that includes a four-position slide switch (one 40-amp and two 20-amp outputs) and eighteen programmable backlit push buttons with bright LED on/off indicators. State-of-the-art membrane switches provide tactile feedback of activation and are equipped with a solid rubber overlay for moisture resistance.

The unidirectional microphone with plug-in connector is standard. A 20-foot microphone extension cable is available as an option.

Form# CENG1205

## FEATURES

- Control your lights, traffic arrow and siren functions from a single keypad.
- Two models to choose from for compatibility with Traffic Advisors™:
  - CCSRNTA2: for interface with Traffic Advisors which do require external controls.
  - CCSRNTA2: for interface with Traffic Advisors that do not require external controls.
- Easy to configure using Windows® XP application program (included).
- Configured programs may be extracted, stored and modified for ease of service and reuse.
- Easy to operate including true "hands free" on/off light and siren operation.
- A USB port in the Amplifier/Relay Module (ARM) provides easy access for programming (Control head need not be connected for programming).
- Bright red LED indicators are clearly visible, even in bright sun.
- On/Off, Momentary, Eight-second timer and Security Double-Tap eight-second timer can be programmed through seven switches individually.
- Control Panel can be easily surface mounted via Velcro® or U-bracket, standard. Semi-flush mounting trim plate is optional.
- Bright backlit push buttons include 136 standard function labels to choose from.
- Aluminum housed ARM is field-serviceable with easy to access external fuses and connections.
- Operates one or two 100-watt speakers.
- The 20 foot, single 8-conductor, 22-gauge cable connects Control Head to ARM and provides heavy-duty service unlike lightweight telephone-style cables.
- Twenty foot power and input/output cabling with connectors, standard.
- Two-year warranty on the system, Five-year warranty on Amplifier.
- Meets or exceeds all applicable SAE, California Title XIII and NFPA requirements with various Whelen speakers.



**Designed & Manufactured in the U.S.A.**

**WHELEN®**

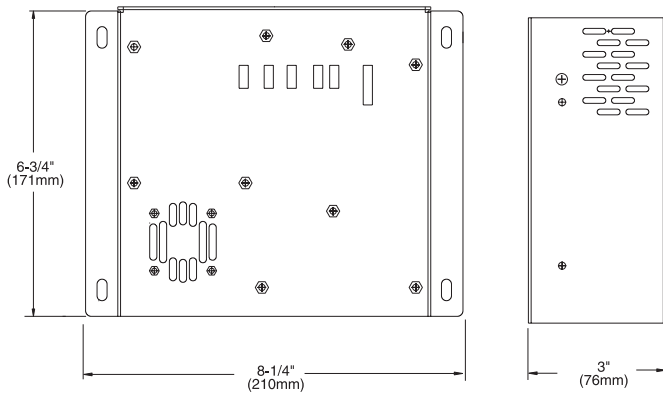
ENGINEERING COMPANY, INC.

Engineers for the Emergency Warning Industry

CENCOM GOLD™ - SIREN AND LIGHT CONTROL SYSTEM

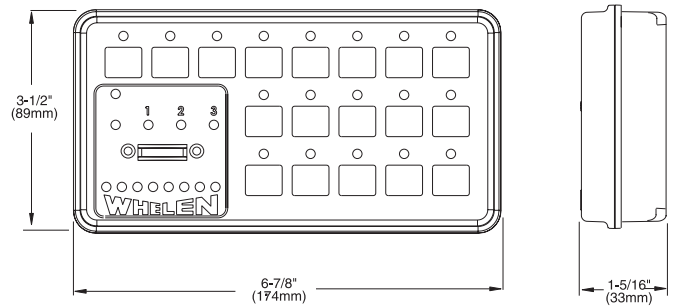
# CenCom Gold™ Specifications

## Siren Amplifier



Control Head with Bail Bracket Mount

## Control Head



Optional CCTRIM on Control Head

## GENERAL ELECTRICAL AND PHYSICAL DATA

Input Voltage .....	12.5VDC +/- 20% (negative ground only)
Main Input Current .....	16 Amps Max.
Standby Current (backlight off) ..	65mA typical
Operating Temp .....	-30C to +60C
Storage Temp. ....	-40C to +70C
Humidity .....	99% (Noncondensing)

## SIREN/AMP MODULE

Wail .....	725 to 1600 Hz 12 cycles/min.
Yelp .....	725 to 1600 Hz 180 cycles/min.
Piercer .....	725 to 1600 Hz 800 cycles/min.
Hi/Low .....	550 to 650 Hz 60 cycles/min.
Airhorn .....	Composite Constant
Audio Bandwidth .....	@25 Watts, 300 to 10000 Hz +/- 3db
Distortion .....	@25 Watts @ 1KHz, 1% Maximum
Output Voltage .....	@ 15VDC @ 11 ohms, 24Vrms Maximum
Speaker Impedance .....	5.5 Ohms Minimum

## OUTLET CURRENT

Outlet #1 .....	40 Amps Max. (fused)
Outlet #2 .....	20 Amps Max. (fused)
Outlet #3 .....	20 Amps Max. (fused)
Note: Total of Outlets 1, 2, 3 to exceed 50 Amps.	
Outlet #4 .....	10 Amps Max. (internally limited)
Outlet #5 .....	10 Amps Max. (internally limited)
Outlet #6 .....	10 Amps Max. (internally limited)
Outlet #7 .....	10 Amps Max. (internally limited)
Outlet #8 .....	10 Amps Max. (fused)
Note: Total of Outlets 4 – 8 not to exceed 50 Amps.	
Outlet #9 .....	0.25 Amps Max. (internally limited)
Outlet #10 .....	0.25 Amps Max. (internally limited)
Outlet #11 .....	0.25 Amps Max. (internally limited)
Outlet #12 (horn relay) .....	0.25 Amps Max. (internally limited)

## MODELS

- CCSRN2:** Control head with Amplifier/Relay Module, Microphone and a 20' power input/output cable.
- CCSRNTA2:** CCSRN2 with built-in Traffic Advisor™ Module.
- CCMICX20:** 20' Microphone extension cable option, includes strain relief.
- CCTRIM:** Trim ring option, for semi-flush mounting of control head.
- CCSWGPKT:** Swing away bracket for CenCom control head.



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*Whelen Engineering reserves the right to upgrade and improve products without notice.*