

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®

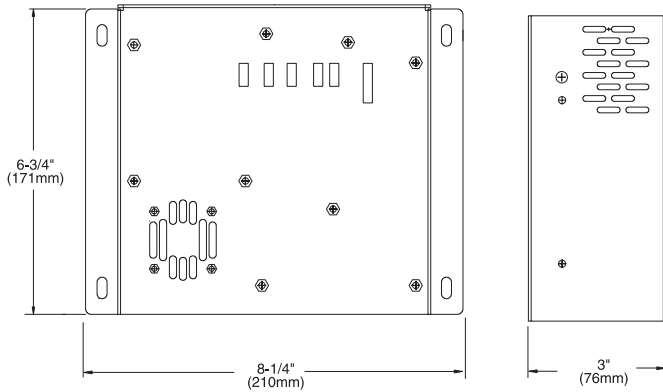
ENGINEERING COMPANY, INC.

Engineers for the Emergency Warning Industry

CENCOM GOLD™ - SIREN AND LIGHT CONTROL SYSTEM

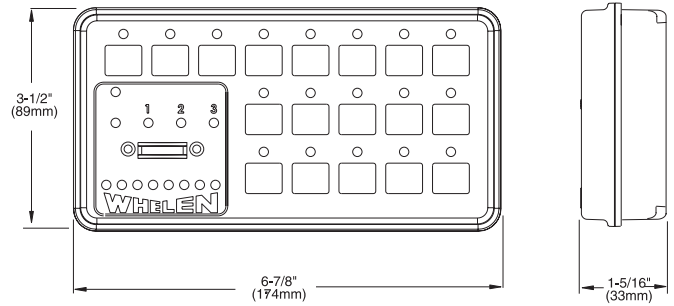
CenCom Gold™ Specifications

Siren Amplifier



Control Head with Bail Bracket Mount

Control Head



Optional CCTRIM on Control Head

GENERAL ELECTRICAL AND PHYSICAL DATA

Input Voltage12.5VDC +/- 20%
(negative ground only)
Main Input Current16 Amps Max.
Standby Current (backlight off) ..65mA typical
Operating Temp-30C to +60C
Storage Temp.-40C to +70C
Humidity99% (Noncondensing)

SIREN/AMP MODULE

Wail725 to 1600 Hz 12 cycles/min.
Yelp725 to 1600 Hz 180 cycles/min.
Piercer725 to 1600 Hz 800 cycles/min.
Hi/Low550 to 650 Hz 60 cycles/min.
Airhorn.....Composite Constant

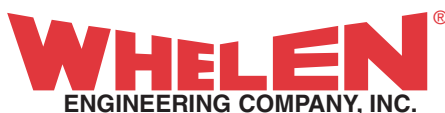
Audio Bandwidth@25 Watts, 300 to 10000 Hz +/- 3db
Distortion@25 Watts @ 1KHz, 1% Maximum
Output Voltage@15VDC @ 11 ohms,
24Vrms Maximum
Speaker Impedance5.5 Ohms Minimum

OUTLET CURRENT

Outlet #140 Amps Max. (fused)
Outlet #220 Amps Max. (fused)
Outlet #320 Amps Max. (fused)
Note: Total of Outlets 1, 2, 3 to exceed 50 Amps.
Outlet #410 Amps Max. (internally limited)
Outlet #510 Amps Max. (internally limited)
Outlet #610 Amps Max. (internally limited)
Outlet #710 Amps Max. (internally limited)
Outlet #810 Amps Max. (fused)
Note: Total of Outlets 4 – 8 not to exceed 50 Amps.
Outlet #90.25 Amps Max. (internally limited)
Outlet #100.25 Amps Max. (internally limited)
Outlet #110.25 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.
- CCSWG BKT:** Swing away bracket for CenCom control head.



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