CMC-8 Warning System Control Console Overview

This module is a stand-alone operator's console for wide area warning and PAGA systems.

The CMC-8 performs the following functions:

- Up to 16 users with double security access (i-Button key & password)
- Selection of remote sirens by individual address (1 to **96**)
- Selection of remote sirens by group address. (1 – **32** Groups)
- Select and activation warning alarms (1 to **32** warning signals)
- Audio functions:
  - Select and activate Live PA (Spoken voice from the operator microphone)
  - Select and activate messages stored in the siren controller. (Messages 1 to **64**)
  - Send audio of locally recorded voice message to siren
  - Send a locally recorded voice message wave file to the siren for storage in the siren.
- Retrieve remote siren reports for display and printing.
  - Quiet Test
  - Status
  - Activation
- Up to 80 Scheduled tasks.
- Display selections on the two (2) Line LCD
- Eight (8) programmable 'hot keys' for fast operation and for Password entry
- Record a voice message locally, at the CMC-8 Console
- Review a local recorded voice message
- STOP any siren function

The CMC-8 provides the following input and outputs.

- RS-232 Serial Port for Programming and/or a Serial Printer. Type D9M
- RS-485 Serial Port for Programming and connection to communication circuits (e.g. Radio) Type RJ45
- RS-232 Serial Port configured for GPS receiver to provide a high precision real time clock. (optional) Type D9M
- Auxiliary 5V/12V DC Output for the GPS receiver, not fused
- Eight (8) Programmable Parallel Control Inputs for voltage free contacts to operate functions (e.g. from DCS)
- Four (4) Control Relay outputs. (User programmable for any purpose)
- Microphone – PTT Type RJ45
- Audio output 600Ω – 0dBm
- 12VDC Power Supply input, fused (two types of connector)
- POWER SUPPLY by EXTERNAL Power Pack
- Internal battery with regulated charging circuit

The CMC-8 has a special security access 'i-button' key, operator is required to log-in using this key to operate the CMC-8.

6 – Purpose of the keypad groups

Pre-programmed Function Keys 1 to 4

Slide-In Paper Labels

Pre-programmed Function Keys 5 to 8

1

2

3

4

ALL CALL
SIGNAL 1

LCD

5

6

7

8

RECORD

RECORD

LOCAL

PLAY

TEST

SELECT SIREN

Group

Individual

SELECT FUNCTION

Alarms

Voice

Messages

Reports

ACTIVATION

SEND

STOP
FUNCTION

Digital Messages Stored in Console

Select sirens:
•Individual
•Groups

Select function command
•Alarms
•Voice options
•Stored messages (in siren)
•Read siren reports

Sends Activation and STOP commands to sirens