



Character Generator

model
CEMS-1000

Specifications

Video Interface:

Video In (1V p-p 75Ω) BNC
Video Out (1V p-p 75Ω) BNC
Aux In (1V p-p 75Ω) BNC

Audio Interface:

Audio In Stereo (600Ω Bal.)
6 pin terminal strip
Audio Out Stereo (600Ω Bal.)
6 pin terminal strip

Relay:

Normally open/closed dry contact
2 pin terminal strip

MIP-921e:

RS232 data 9 pin "D" connector
Baseband audio 2 pin terminal strip

Power Requirements:

90 to 240 VAC \pm 10%, 40 watt
or -48VDC

Physical Size:

Rack mounting unit
19.0"W x 5.25"H x 9.0"D
8lbs.

Features

- **Modular design for future expandability**
- **Multiple switching options**
- **High quality text display**



Description

In its basic form, the Monroe Electronics CEMS-1000 is a high quality character generator for full screen replacement EAS systems. However, its unique modular design provides the ability to expand the system to add crawl messaging to individual channels by simply adding Cable Envoy™ channel cards. The CEMS-1000 rack has the capacity to hold up to five channel cards and more channels may be added using our Cable Envoy™ client racks, which hold up to ten additional channel cards each. Switching options include baseband video/audio, IF or baseband video with 4.5 MHz audio. Other modules are available to complete the transition to a complete Monroe Cable Envoy™ "Addressable Messaging System".

Application

Video-text and Audio Override

When integrated with a MIP-921e EAS decoder, the CEMS-1000 automatically provides EAS override functions including: video-text display for full screen replacement, audio override output and a relay contact closure for control of RF comb generators, baseband or IF switching, and for insertion in HITS equipment.

Expansion Options

Test Crawl Insertion

Individual channel units used for the insertion of text "Crawls" and EAS audio selected analog channels may be added to the CEMS-1000. The base unit accommodates up to five channel cards and additional expansion racks may be added to accommodate up to ten channel cards per rack. Expansion racks may be configured to accept channel units baseband video and audio, baseband video with 4.5 MHz audio or composite video with audio.

4.5 Audio Modulator

Used to mandate the EAS audio signal for insertion on equipment requiring 4.5 MHz audio.

Communications Multiplexer

Adds additional capabilities including local or remote message entry, telephone tone control, message storage and scheduling.



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