



Specifications

Video Inputs:

Baseband (1V p-p 75Ω termination)
BNC

Video Outputs:

Baseband (1V p-p 75Ω termination)
BNC

Video Monitoring:

Horizontal Sync. and Vertical Sync.
monitored by each channel unit

Audio Inputs:

- Program Audio 600Ω, full balanced stereo
- EAS Audio input 600Ω, monaural input
- Switching of EAS audio activated by command.

Power Inputs:

Server Rack 25 watts
Channel Rack 30 watts/rack

Dimensions:

Rack Mounting Unit
19.0"W x 5.25"H x 9"D

Optional Accessory:

Modem Module

Data/facsimile module for communications from 9600 to 14,400 baud.



Cable Envoy™

Addressable
Messaging System

Features

- **Modular design for future expandability**
- **Channels addressable individually or in groups**
- **Full screen or crawl messaging**



Description

Monroe Electronics Cable Envoy™ is the most flexible and versatile EAS character generator on the market today. In its basic form, the Cable Envoy™ is a Server rack consisting of a powered rack, a Server Unit, an interface card and up to five channel cards. More channels are added via Client racks that hold up to 10 channel cards each.

Key Operating Features

- Cable Envoy™ is programmed to satisfy FCC requirements for the displays and audio overrides required for the presentation of: Routine Weekly Tests (RWT), Routine Monthly Tests (RMT), national Emergency Action Notifications (EAN), and all EAS and NOAA weather alerts.
- This patented Addressable Messaging System allows video and audio override messages to be injected into individual channels, selected groups of channels or all channels.
- Text can be overlaid on the video as a static "caption" or as a crawl, moving left to right on a single line.
- In addition, text may be displayed as a full page or multiple page message with characters shown on a selection of color backgrounds.
- Messages can be displayed on any or all channels in English / Spanish or other languages.
- Channel units may be removed under power without interruption of the existing program.
- The Cable Envoy™ can handle switching at baseband video & audio, baseband video with 4.5 mHz audio or composite video & audio.
- Monitors the status of each channel unit, checks for command execution and for the presence of video.
- Unique architecture of the Cable Envoy™ allows client racks to be distributed throughout the headend and placed adjacent to channel modulators thereby reducing cable run lengths.

More Specifications

Message Display Modes:

Full screen characters over video
Full screen characters over color background
Two-line caption over video
Crawl message over video

Auto Cycling:

Repeats multiple page display (programmable)
Repeats crawl message (programmable)

Full Screen Backgrounds:

Blue, Green, Black or Gray

Character Presentation:

High resolution characters with black borders
24 characters per row, 11 rows per full screen

Character Blinking:

Programmable character blinking by word or by sentence.

Character Resolution:

Height of 18 scan lines
Width of 12 dots per character

Message Memory:

Total of 15,000 characters message memory within each channel unit, equivalent to 60 full screen pages

Contact Closure and Data Interface:

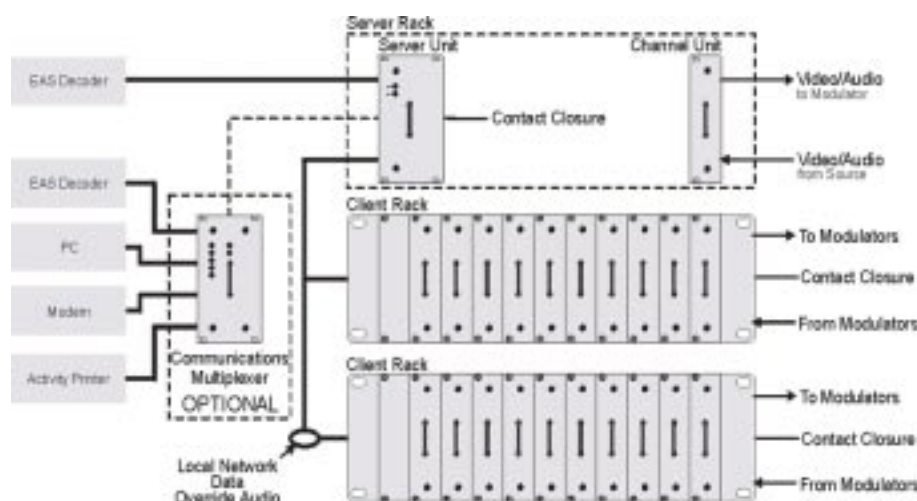
Available from each rack unit.
Used to initiate the display of alerts on digital set-top equipment.

Data Communications:

9600 - 19,200 baud to peripherals
Message transfers between server and channel units are either broadcast to all units, selected groups of units, or individually addressable from 1 to 255 units.

Options

- The optional Communications Multiplexer enables the single interface on the server to transfer data between four external devices, such as a personal computer, modem, status printer and an EAS decoder.
- The Cable Envoy™ modem unit provides telephone access which enables voiceover and remote activation of messages via touchtone control or by PC.
- Optional Icons can be added on a channel by channel basis to indicate threatening weather conditions, utility restrictions (brownouts), school announcements, etc.



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