SAM ™

SAFETY ALERT MONITOR

EAS Compliance Solutions

An EAS Encoder/Decoder at Decoder Only Prices

MIP 921ˢ

The Technology to Meet EAS Requirements

The MIP-921ˢ (Multiple Input Processor) has been specially designed by HollyAnne Corporation to meet the Federal Communication Commission's special rules for Cable systems serving under 5,000 subscribers from a single headend. HollyAnne Corporation's 18 plus years of experience in the emergency warning industry has made it an acknowledged leader in the cable television warning field. The MIP-921ˢ's designer collaborated with the National Weather Service in the development of the Specific Area Message Encoding system. The SAME system was the precursor of and is completely compatible with the digital EAS protocol. HollyAnne Corporation and its distributors offer the knowledge and experience to ensure the most appropriate solution to your system's needs.

The Capabilities For National and Local Alerting

The MIP-921ˢ receives both national and local messaging via optional internal AM, FM or weather band radios. The MIP-921ˢ incorporates the required EAS encoder and decoder. It responds to the National Weather Service's digital SAME protocol as well as the mandated EAS digital format.

Multiple inputs from the optional internal radios and inputs for external radios exceed the FCC's requirements for a minimum of two alerting sources, allowing flexibility to handle additional alerting sources including local government agencies which may be dictated by franchise requirements. The MIP-921ˢ is capable of complete automatic operation. Events selected by system management in advance activate the MIP-921ˢ. These events include national warnings, weekly and monthly tests and those emergency events deemed important by system management. Logging is done by the internal digital "event storage" and/or external customer supplied printer. The audio portion of the message is stored and played back by the internal digital voice storage module. A separate "Tune To" voice storage module is standard.

The MIP-921ˢ immediately and automatically passes information to a character generator (to override video signals) and to each modulator's I.F. interface (or combining network) to override audio signals on all channels carried by the cable system. The system is also capable of manual operation. All functions are password protected.

Optional Internal Character Generator

The MIP-921ˢ has been designed to accommodate an internal Character Generator. This option saves valuable rack space, installation time, and additional money.

The MIP-921ˢ has been designed to accommodate in-home alerting devices to deliver emergency information, no matter the customer indoor activity.

Specifications

Protocol

FCC, EAS Codes, ASCII Seven Bit Characters, SAME Compatible

Inputs

- 4 balanced internal or external, 600 ohms, .5 Vp-p to 2 Vp-p
- Data channel simplex ASCII (serial port)
- Optional front panel microphone

Outputs

- 2 independent control signals activated when a selected message is decoded
- Audio output 600 ohms balanced on terminal and through port
- Data channel full duplex 1200 Baud, ASCII (serial port)
- Override control port (serial port)
- Optional audio out for hub controller option

Mechanical

- Operating temperature   0-50 C degrees
- Size   3.50" x 19" x 7"
- Weight   5 lbs. Approx.
- Input power   115 VAC 15 watts
- On-board uninterruptible power supply
- Output for optional printer

Controls & Indicators

- 4 button access for performing set up, printer operation, activation and testing
- Programming via PC (286 or better) – optional
- LCD & LED signalling

Radio Receivers (optional)

FM Receiver

- Digitally tuned from MIP-921s
- 75 ohm antenna input
- RF Sensitivity: (s/n=26db) 2uv
- Frequency range 88-108 MHz
- THD .8% maximum

AM Receiver

- Digitally tuned from MIP-921s processor
- 75 ohm antenna input
- RF Sensitivity: (s/n=26db) 55uv
- Frequency range 530-1700 MHz

Weather Receiver

- Digitally tuned from MIP-921s processor
- Sensitivity: 1uV for BER of 10^{-5} or 12dB S/N
- 75 ohm antenna input
- Frequency range includes all (7) NOAA weather frequencies

04/02

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