

# MultiPlayer Discrete 4-Channel EAS Audio Player and Program Switcher



## FEATURES

- The ultimate solution to multi-channel EAS operation – adds four independent EAS audio channels with program switching to any DASDEC
- Simple interface to any host DASDEC model via network connection
- Dual contact closure ins and outs for each channel
- Each channel is field configurable for digital (AES) or analog operation
- Front panel indicators show channel status for Alert Pending and On-Air
- Standard XLR connectors simplify installation and wiring.

## BENEFITS

- DASDEC and MultiPlayer – A complete 5-channel EAS/CAP system only 3RU high!
- Fully independent channel playback and control eliminates delays of shared encoder/decoders
- Eliminates old-fashioned relays and hold off logic – any channel any time
- Supports simultaneous, sequential, and staggered mode operation
- TCP/IP network connection to DASDEC allows unique placement options
- Single rack compact design with standard audio connectors ease setup and use

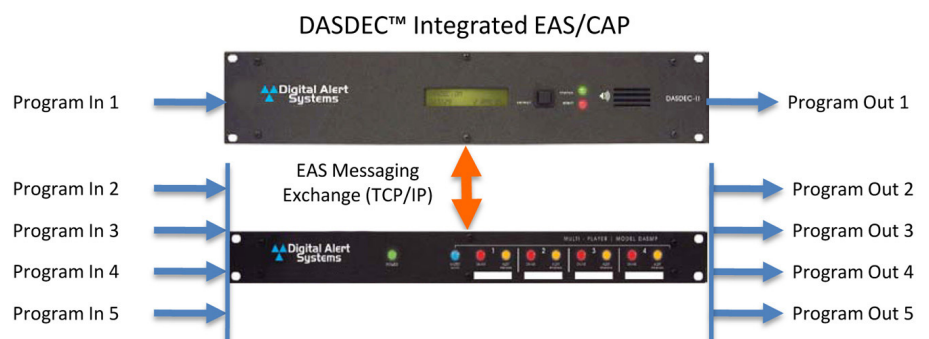
Digital Alert Systems' innovation once again elevates EAS/CAP functionality with the revolutionary MultiPlayer - a unique device designed to eliminate the one-channel-at-a-time restrictions when sharing a single EAS encoder/decoder across multiple streams.

The limitations of a single play out system can add many minutes of delay before the last station actually airs the alert, Overcoming these limitations in the past has been either expensive - installing an encoder/decoder for every station, or undesirable - forcing the alert to "step-on" programming, annoying listeners/viewers or, worse still, stepping on a paying commercial and annoying the folks who pay the bills!

The MultiPlayer finally removes any restrictions by combining multiple EAS audio recorders/players (playheads) and seamless on demand audio switching in a single compact chassis. Combined with a host DASDEC, the MultiPlayer provides up to 5 completely independent EAS audio channels playable at any time - eliminating the maze of relay panels, switches and strange hold-off logic plaguing other systems.

By adding the unique MultiStation™ option to the DASDEC each stream is uniquely identified by station assuring proper encoding and playout over each station with no delays, no restrictions, and no tricky programming. And, the total package can actually costs less per stream when compared to other far less elegant solutions.

Better performance at a better price. Just what you'd expect from the Digital Alert Systems – the innovative leader in EAS/CAP.



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## How it works:

The Digital Alert Systems DASDEC flexible emergency messaging platform serves as the host controller where all EAS/CAP alerts are processed then audio for each stream is quickly transferred to the MultiPlayer, or played directly from the DASDEC.

The MultiPlayer features four discrete audio playheads, each with its own three-position (Program/Playhead/Master) audio switch allowing it to play audio files and/or switch to the appropriate outputs when commanded by network control. MultiPlayer is the simplest way to fully emulate five discrete EAS encoder/decoders and all digital switching is done synchronously to ensure a clean presentation. Using standard interfacing allows station automation, or manned operations to play the alerts based on the playlist schedule and not on the limitations of the EAS device. Press the button or close the contact the alert airs NOW! No waiting, no delays, and no extra wiring.

The Master Audio function provides separate GPI/O or network control to switch all stations to a single master audio input. Again simplifying wiring for a master override functions like an EAN. Each channel is also equipped with failsafe relays assuring program sources pass directly through in the event of power loss.

Front panel status indicators and separately definable GPO's showcase operating status indicating; Alert Pending, On-Air, or Master Audio modes. There's even space provided to note the individual station's call-sign under each channel lamp pair and a green Power lamp indicating operational readiness.



Front View



Back View

## Field configurable to meet ever-changing requirements

The DASMP is easily configurable in any of four different signal combinations:

- A) Four balanced AES channels; or
- B) Two AES channels & one balanced stereo analog channel; or
- C) Two balanced stereo analog channels; or
- D) Four balanced mono channels

Changing signal configurations using the built-in web interface to match analog or digital signal inputs are quick and easy. If the station signal flow changes you can easily change the MultiPlayer to match without having to purchase additional equipment or send it back to the factory. Saving time and eliminating any headaches.

## Proven performance at the lowest cost per stream

The Digital Alert Systems Multiplayer is the only device to truly overcome the single stream play out quandary when sharing an encoder/decoder over more than one station or stream at a cost-per-stream far less than separate encoder/decoders covering each stream. The DASDEC and MultiPlayer provide all the functions at a fraction of the cost.

Think about the facility benefits – streamlined operational performance without multi-box complexity. Think of the simple wiring, reduced rack space, and power savings along with the ease in set up, operation and maintenance. When you think about it the DASDEC and MultiPlayer clearly win on all counts. Contact your Digital Alert Systems representative today to learn how you can streamline and improve your EAS/CAP requirements.

Don't wait. Call 585-765-1155 or visit [www.digitalalertsystems.com](http://www.digitalalertsystems.com) today.

## Specifications

### Audio Inputs: (varies by configuration settings)

- Digital Audio
  - Balanced AES/EBU digital audio (program in) 110 ohm female XLR
  - One (1) AES/EBU digital audio Master loop-through 110 ohm female XLR
- Analog Audio<sup>1</sup>
  - One-pair (1) balanced 600 ohm stereo audio (program in) female XLR

### Audio Outputs: (varies by configuration settings)

- Digital Audio
  - Balanced AES/EBU digital audio (program out) switched 110 ohm male XLR
  - One (1) AES/EBU digital audio Master loop-through 110 ohm male XLR
- Auto-set to incoming sample rate, or 48 KHz without reference input
- Analog Audio
  - One-pair (1) balanced 600 ohm stereo audio (program out) male XLR

## Controls

### LAN Interface: TCP/IP Ethernet

- One (1) 10/100/1000BASE-T Ethernet IEEE 802.3
- RJ-45 connectors suited for wiring CAT-5 or above
- Port features link & data indicators
- Assignable IP addressing (unit ships fixed at 192.168.0.220)

### GPI/O's (General Purpose Inputs/Outputs):

- Four (4) software defined inputs per channel
- Two (2) software defined outputs rated 2A @ 30VDC per channel
- 10-pin detachable terminal strip per channel
- One (1) Master on-air input
- One (1) Master on-air output
- 3-pin detachable terminal strip

### Front Panel Indicators:

- Alert Pending one per channel - Amber
- On-Air one per channel - Red
- Master Audio - Blue
- Power - Green

### Physical Attributes:

- 19.0"W x 10.0"D x 1.75"H (1RU EIA rackmount)

### Power Requirements:

- Input 120VAC @ .25 amps (30 Watts)

### Weight:

- 8 lbs

| Configuration | Digital AES       | Analog Stereo Pair     |
|---------------|-------------------|------------------------|
| A             | Four (4) channels | None                   |
| B             | Two (2) channels  | One (1) Stereo Pair    |
| C             | None              | Two (2) Stereo Pairs   |
| D             | None              | Four (4) Mono channels |