

Multichannel Crawls and Digital Audio/Switching for DASDEC™ with MultiStation™ Option

The DASDEC Television Series¹ feature a single NTSC video output displaying emergency details as a full page, although many times operators prefer crawling text as an overlay to the program video to minimize program interruption. For these applications Digital Alert Systems has a number of interfaces to character generators (CG), which can provide a crawling display over the program video. The example shown in Figure 1 uses a common low-cost character generator, the XBOB-4 to create the text crawls and key over the incoming program video. While the XBOB-4 is controlled via RS-232, other CG's may require Ethernet or USB control from the DASDEC. Additionally the DASDEC has analog stereo outputs for EAS audio during activation (DASDEC-II also includes a digital audio (AES) output – both analog and digital are active during an EAS event).

The configuration below shows an example of a DASDEC with MultiStation² option driving multiple channels of text crawls. Additionally the analog EAS audio is distributed then converted and switching in the digital domain. Controls are both RS-232 for the CG's and GPO's for the audio switches. Simultaneous or sequential activation is determined by the MultiStation settings.

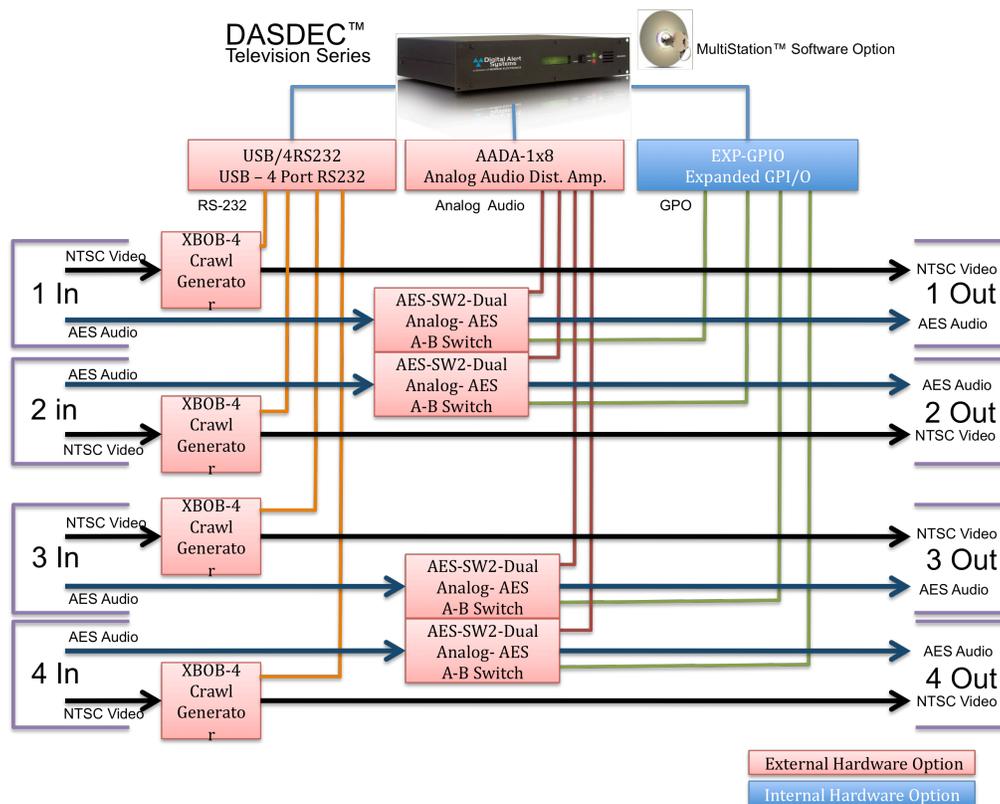


Figure 1 Block diagram featuring one example of multiple text crawls with A-D conversion & AES switching

The example above is one of several different ways to configure a system. Please contact your Digital Alert Systems representative for more information or specific guidance in determining the best configuration for your needs.

¹ Includes models DASLPTV |DASLPTVR | DASTV | DASTVR

² Please see DASDEC MultiStation | Option brochure available at www.digitalalertsystems.com for more on the MultiStation feature