

10 Must-haves for Any AV Distribution System



Crestron DigitalMedia™ – No other system does it all

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1 STREAMING H.264 INPUTS

Integrating streaming devices, such as security cameras, is required in distribution systems today, but is extremely difficult to do. Often this requires third-party DVRs that are not controllable. Be sure your distribution system natively accepts H.264 video streams in addition to uncompressed AV signals.



2 4K INPUT

4K content is just around the corner. Not only will you need to be able to accept it and distribute it consistently, but you will also need to accommodate multiple audio formats and digital signal processing for those sources.



3 VIDEO WALL CAPABILITY

Configuring a video wall using multiple flat panel displays is a popular option for sports bars, home sports books, and “man caves.” Your AV distribution system should be able to provide video wall processing without the need for an expensive dedicated processor.



4 PREVIEW ON TOUCH SCREEN

Utilizing large touch screens for both video viewing and control is a great way to provide dual-use from one beautiful display. Events such as motion detection or a doorbell ring can display security video on touch screens throughout the house so you get visibility wherever you are.



5 MULTI-CHANNEL AUDIO WITH TWO-CHANNEL DOWNMIX

HDMI® natively transmits only one audio format at a time. Your distribution system needs to accept a multi-channel source and simultaneously distribute both the full multi-channel audio and a two-channel downmix of that signal. This is the only way to route the audio from a movie or ball game to the home theater or media room and to the kitchen or other areas of the house at the same time.



6 DOWNSCALING OF 4K CONTENT TO HD DISPLAY

Reduced prices are driving the sale of 4K displays, but HD displays will not disappear overnight. AV distribution systems will include a combination of 4K and HD displays for a long time. Mix-and-match displays with confidence, routing any content to any display.



7 STREAMING OUTPUT FOR MOBILE DEVICES

Content is consumed on laptops, tablets, and phones more often than ever before. Stream any unprotected input signal out of the switcher to personal mobile devices.



8 ERROR FREE 4K OUTPUT UP TO 100 METERS

The brilliance of 4K video is best enjoyed uncompressed and without latency. That requires a point-to-point connection. Only Crestron can distribute 4K video 100 meters without errors.



9 DIRECT CONNECTION TO HDBaseT® CERTIFIED DISPLAYS

Simply take the HDBaseT output signal from the switcher directly into an HDBaseT certified display without a roombox or converter inline.



10 LONG DISTANCE DISTRIBUTION OVER FIBER

Distribute uncompressed HD video longer distances to the guest house, cabana, around the pool and other areas outside the main structure of the house. Multimode fiber transmits full 1080p video up to 1,000 feet without errors.

Learn more at crestron.com/4K