**SECTION 27 41 16**

**INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT**

**GUIDE SPECIFICATION**

*Specifier: The Specifier/Design Professional is responsible for the accuracy of all project specifications, including system application and coordination with related sections. This guide specification is provided as a convenience and requires editing to match actual project requirements. CRESTRON ELECTRONICS, INC. SHALL NOT BE LIABLE FOR ANY DAMAGES ARISING OUT OF THE USE OF ANY OF ITS GUIDE SPECIFICATIONS. For Crestron design assistance and design review please contact Sales Support Services Department at 800.237.2041 or techsales@crestron.com.*

*Specifier: Please see PART 4 for a listing of products specified in this Guide Specification.*

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# **GENERAL**

*NOT USED in this Guide Specification. Specifier shall Specify PART 1 administrative and procedural requirements as needed.*

# **PRODUCTS**

## **HDMI DISTRIBUTION AMPLIFIER**

### Basis of Design HDMI Distribution Amplifier:

#### Crestron HD-DA2-4KZ-E

### The DA shall meet the following minimum requirements:

#### USB Port: Firmware update and EDID upload via flash drive.

#### One (1) HDMI video, and audio input:

##### Input Type: HDMI w/HDR10, Deep Color, 3D, & 4K60 4:4:4 support

##### Supports DVI-D with adaptor

##### Supports DisplayPort Dual-Mode with adaptor

##### Copy Protection: Selectable for HDCP 2.2, HDCP 1.4, or HDCP disabled

##### Audio Formats Support: Dolby Digital, Dolby Digital EX, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos, DTS, DTS-ES, DTS 96/24, DTS HD High Res, DTS HD Master Audio, DTS:X, LPCM up to 8 channels

#### Two (2) HDMI outputs:

##### Output Type: HDMI w/HDR10, Deep Color, 3D, & 4K60 4:4:4 support

##### Copy Protection: Selectable for HDCP 2.2, HDCP 1.4, or HDCP disabled

##### HDMI Communications: HDCP & EDID (does not pass CEC)

#### Power supply:

##### Local 24 VDC power supply.

# **EXECUTION**

*NOT USED in this Guide Specification. Specifier shall Specify PART 3 On-Site work as needed.*

# **APPENDICES**

## **SPECIFIED PRODUCTS**

*Specifier Note: This Article includes Crestron products specified in this Guide Specification document. This Article is for reference only and should not be required in actual project manual unless included in an overall system equipment list.*

### Crestron HD-DA2-4KZ-E