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.

Table of Contents

1 GENERAL 3

2 PRODUCTS 3

2.1 Wireless Presentation Adaptor 3

2.1.1 Basis of Design 3

2.1.2 Device Definition 3

2.1.3 Device Architecture 4

2.1.4 Functions 4

2.1.5 Connectors 5

2.1.6 Controls and Indicators 5

2.1.7 Power 5

2.1.8 Compliance 5

3 EXECUTION 5

4 APPENDICES 6

4.1 SPECIFIED PRODUCTS 6

4.1.1 Crestron AM-TX3-100 6

4.2 Input / Output Connection Diagrams 6

4.2.1 AM-TX3-100 6

# GENERAL

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

# PRODUCTS

## Wireless Presentation Adaptor

Specifier Note:

*The AirMedia® Connect Adaptor (AM-TX3-100) enables wireless presentation when paired with a Wi-Fi® network*

*capable AirMedia Series 3 Receiver. Deploy the AM-TX3-100 alongside an AirMedia Series 3 Receiver in conference rooms, huddle rooms, lounges, lobbies, or almost any space to establish a productive meeting environment.*

### Basis of Design

#### Crestron AM-TX3-100

Specifier Note:

AM-TX3-100  
https://www.crestron.com/Products/Workspace-Solutions/Wireless-Presentation-Solutions/AirMedia-Presentation-System-Accessories/AM-TX3-100

### Device Definition

#### Wireless Presentation Adaptor with the following capabilities:

##### Interfaces with source device via USB-C® and connects with Wi‑Fi® network capable wireless receiver from same manufacturer to present content on display device

###### Up to eight (8) adapters supported per receiver

###### No software or driver installation required

##### Support for content up to 4K30 resolution

##### Backlit capacitive touch buttons to start, stop, or pause presentation

##### Support for proprietary device provisioning and management service from same manufacturer

##### Support for proprietary room monitoring enterprise management service from same manufacturer

##### Setup via web browser, or proprietary provisioning services outlined in 2.1.2.1.4 and 2.1.2.1.5

##### Support for network security protocols such as 802.1x, Active Directory® authentication, and AES content encryption

### Device Architecture

#### Environmental

##### Temperature: 32° to 104°F (0° to 40° C)

##### Humidity: 10% to 90% RH (non-condensing)

##### Heat Dissipation: 8.5 BTU/hr

#### Construction

##### Chassis: Plastic, black finish

##### Mounting: Freestanding

#### Dimensions

##### Height: 2.95 in. (75 mm)

##### Width: 0.66 in. (17 mm)

##### Depth: 7 in. (178 mm) including cable

#### Weight

##### 3.17 oz (90 g)

### Functions

#### Communications

##### Wi-Fi: WiFi 6 (802.11ax)

##### USB: USB 2.0

##### OS Support: Windows 10, Windows 11, macOS® 11 or newer

#### Video

##### Input Signal Type: DisplayPort™ Alt over USB-C

##### Output Signal Type: Network Stream over Wi-Fi, received by a paired network capable wireless receiver by same manufacturer

##### Maximum Output Resolution: 3840x2160@30 Hz (2160p30)

###### Output resolution is determined by the HDMI® output on a paired network capable wireless receiver by same manufacturer

###### All video inputs will be scaled to the selected HDMI output resolution

#### Audio

##### Input Signal Type: DisplayPort™ Alt over USB-C

##### Output Signal Type: Network Stream over Wi-Fi, received by a paired network capable wireless receiver by same manufacturer

##### Input/Output Format: 2 channel LPCM

### Connectors

#### USB: (1) USB-C connector, male

### Controls and Indicators

#### Status Ring: RGB LED Ring indicates device status

#### Screenshare: (1) RGB backlit capacitive touch button controls screensharing functions

#### Auxiliary: (1) RGB backlit capacitive touch button (for future use)

### Power

#### USB: Powered via USB-C connection to personal device

#### Power Consumption: 2.5 W (typical)

### Compliance

#### Regulatory Model: M202018002

#### UL® Listed for US & Canada, CE, IC, FCC Part 15 Class B digital device

# 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 AM-TX3-100

## Input / Output Connection Diagrams

### AM-TX3-100

Diagram

Description automatically generated