**SECTION 27 41 16**

**INTEGRATED AUDIO-VIDEO SYSTEMS AND EQUIPMENT**

**GUIDE SPECIFICATION**

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*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.*

## **Power Amplifier**

### Two channel 70V, 100V, 4 ohm, or 8 Ohm power amplifier

# **PRODUCTS**

## **Basis of Design Amplifier:**

### Crestron AMP-2210T

*Specifier Note:*

*Please see below link for additional information.*

*https://www.crestron.com/Products/Audio/Amplifiers/Commercial-Amplifiers/AMP-2210T*

## **Audio**

### Amplifier Input and output Requirements

#### Amplifier shall have an input sensitivity of 2.22V, +4dBu balanced for the rated power.

#### Amplifier shall provide two balanced line level input connections and two speaker level output connections.

#### Output Impedance:

##### High impedance for 70V or 100V

##### Low impedance 4 Ohm or 8 Ohm

### Amplifier Output

#### Output Power

##### The amplifier shall provide 70V or 100V high impedance output rated at 120W @ 70V, or 100V.

###### High impedance outputs shall be transformer isolated.

##### The amplifier shall provide low impedance output rated at 210W @ 4 Ohms, or 120W @ 8 Ohms.

## **Physical**

### Amplifier shall be a single rack space unit.

## **Energy Star**

### Amplifier shall be Energy Star qualified.

# **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 AMP-2210T