

# DUKANE

# AV715

## Speaker Array Amp System

Dukane Ceiling Tile Speaker Array with 15W Amplifier and Mounting Hardware



- **Unique Suspended Ceiling Tile Speaker Array for Room-Filling Sound**
- **Powerful Amplifier for Complete Installation**
- **Speaker Wire and Mounting Hardware Included**
- **Great Audio Solution for New or Renovated Classrooms or Conference Rooms**

Great for the classroom or conference room! The AV715 is an innovative speaker concept that meets the demanding needs of audio and systems contractors worldwide. The Dukane Speaker Array fits into standard 2'x2' or 2'x4' ceiling tile grids (or cut into drywall ceilings), providing an amazing 360 degrees of hemispheric sound. The speaker array is quick and economical to install. The AV715 system includes a 15W amplifier, speaker wire and the necessary mounting hardware for a quick and easy installation.

### Speaker Array Technical Description:

For optimal results the loudspeaker shall be a self-contained truncated pyramid wide range device with a 180° x 360° hemispheric coverage pattern and aligned to minimize phase cancellation. The frequency range shall be 40 Hz – 20 KHz, ± 6 dB. The horizontal polar plots will be circular, ± 2 dB over the audio range, and the vertical coverage shall be ± 4 dB over 180°. The array of four full-range 8-inch drivers shall be mounted on a 30° to the vertical axis in a pyramid shaped housing made of polystyrene. The speaker shall have a sensitivity of 88 dB SPL, 1 watt at 1 meter and shall have a continuous power handling capacity of 80 watts RMS. The complete speaker shall be 23.75" x 23.75" x 4.625" and shall drop into a conventional suspended ceiling grid utilizing the ceiling tiles as an infinite baffle. The weight shall be 10 pounds.

### Additional Features:

- Infinite-baffle in-ceiling speakers drops into standard ceiling tile openings.
- Uniquely designed plastic housing may be painted to match any décor.
- Impedance: 8 ohms nominal
- Maximum power handling: 120 Watts
- Speaker wire included



Part # AV715

### Amplifier Technical Description:

Built with a compact, space-saving chassis design. Input channels include: microphone and telephone paging inputs, program and auxiliary music inputs plus a flexible module slot. Outputs include transformer-isolated 25 V, 70 V and 4 ohm, balanced, line-level Music-On-Hold plus a 1 watt output for driving an additional 8 ohm speaker zone. Muting modes include an Auto-Mute function for voice-activated paging override of the BGM channels without interrupting the MOH output. External mute terminals allow you to activate the mute function with an external switch-closure. Other features include bass/treble controls, insert jacks and Signal, Clip, and Power indicators. Built-in protection circuitry and an AC mains circuit breaker ensure long life and outstanding reliability.

Call for more detailed specifications.



# DUKANE

Audio Visual Products  
2900 Dukane Drive  
St. Charles, Illinois 60174  
www.dukcorp.com/av

Toll Free: 800-676-2485  
Fax: 630-584-5156  
Email: avsales@dukcorp.com