

# NavNet™ Audio Controller Amplifier

## 6 Zone - 7 Source

# ACA-1000



The NavNet™ ACA-1000 Audio Controller Amplifier features six (6) high-powered, digitally volume controlled stereo amplifiers with seven individual source inputs. The design lets the ACA-1000 be cascaded and individually addressed to be master or slave configured. This allows for control and room settings to be passed from a single RS-232 port of a NavNet DC-500 or DC-1000 Controller, then daisy-chained between master and slaves. Because of our patented Eco-System™ design, this unit consumes almost no energy when the unit is turned on and in standby. In fact it is so efficient, when a channel is not in use it is shut down drawing almost no power. This feature saves thousands of dollars in power and air conditioning costs over the lifetime of an ACA-1000.

## Specifications

### Connectors & Expansion Inputs

Fourteen (14) gold RCA jacks with adjustable gain.

### Outputs

Fourteen (14) RCA jacks (each input has a fully buffered corresponding RCA jack output)  
Six (6) stereo pair, removable screw terminal, accepts 12-20 gauge wire

### Output Power

Fifty (50) watts RMS per channel (8 ohms)  
Peak output power - one hundred (100) watts per channel (8 ohms)

### Impedance

Four (4) to eight (8) ohms

### Frequency Response

10 Hz to 40 kHz +/- 1dB (1w)

### Signal to Noise Ratio

Over 105dB A weighted (50 watts)

### Total Harmonic Distortion

Less than 0.1% 20 Hz to 20 kHz

### Inter Modulation Distortion

Less than 0.01% 60 Hz 7 kHz 4:1 (SMPTE)

### Volume Adjustments

81 Steps

### Fan Noise

26 dBA (typical) with thermostat fan normally off

### Expansion

Up to four (4) units or twenty-four (24) zones

### Power Requirements

117 or 230 Volts AC, 47/63 Hz  
750 Watts

### Environmental

Temperature: 41° to 113°F (5° to 45°C)  
Humidity: 10% to 90% RH (non-condensing)

### Enclosure

Chassis: Steel, black matte powder coat finish  
Faceplate: Black anodized aluminum finish  
Mounting: 2U 19-inch rack-mountable (removable feet)

### Dimensions

Height: 3.5 in (8.9 cm)  
Width: 19.0 in (48.26 cm)  
Depth: 11.5 in (29.2 cm)

### Weight

22 lb (10 kg) - with line cord

### Warranty

One (1) year manufacturers' limited parts and



Eco-System™  
Amplification