

## Key Digital KD-AMP220 2 Channel 20 Watt Per Channel Compact Digital Amplifier

<b>I/O Connections</b>	
Analog Inputs	One (1) 6-pin Phoenix Connector; One (1) 3.5mm TRS Connector
Microphone Input	One (1) 3-pin Phoenix Connector
Control (Front Panel)	Push Button, Rotary Knob
Control (Rear Panel)	RS-232 via One (1) 3-pin Phoenix Connector; IR via One (1) 3.5mm TRS Connector
Microphone 48V Phantom Power Mode Switch	One (1) 2-Position Slide Switch
Output Signal Format Selector	One (1) 3-Position Slide Switch
Balanced/Unbalanced Analog Audio Output	One (1) 6-pin Phoenix Connector
Speaker Output	One (1) 4-pin/5 mm Phoenix Connector
24V DC Power	One (1) Barrel (5.5 mm OD, 2.1 mm ID)
<b>Audio Performance</b>	
Input Impedance	>10k $\Omega$
Output Impedance	50 $\Omega$ Analog Output; 4/8 $\Omega$ Speaker Output
Maximum Rated Power Output	40 Watts
Frequency Response	120 Hz to 20 kHz
Common Mode Rejection Ratio (CMRR)	>70 dB at 20 Hz to 20 kHz
Signal to Noise Ratio (SNR)	80 dB (Max)
Total Harmonic Distortion + Noise (THD+N)	1 % at 1 kHz; 0.3% at 20 kHz at Nominal Level
Voltage Gain	32 dB
<b>Chassis and Environmental</b>	
Enclosure	Painted Aluminum
Dimensions (WxHxD)	8.661" x 1.299" x 4.094" (LxDxH)
Net Weight	1.153 Lb
Operating Temperature	+32° to +104° F (0° to +40° C)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	+14° to +140° F (-10° to +60° C)
Storage Humidity	20% to 90%, Non-condensing
<b>Power, ESD, and Regulatory</b>	
Minimum Power Consumption	5 watts
Maximum Power Consumption	45 watts
Power Supply Input Voltage	100-240v AC at 50/60 Hz at 0.5 A
Power Supply Output Rating	24V DC at 2.71 A
ESD Protection	15kV
Device Regulatory	CE, FCC
Power Supply Regulatory	CE, FCC