



This is a Class D digital amplifier designed for commercial and industrial public address applications. Rack mount design in 1U type and rated power is 4\*250W. Both balanced and unbalanced line inputs are available for each channel. Balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. 70V, 100V speaker outputs are convenient for installation when selection different speaker matching. Complete protection includes clip, short circuit, high temp and overload. With indications for power, signal, clip, protection and temperature. This product can be called 4 channel mixer amplifier.

## SPECIFICATIONS

<b>Model</b>	CX-DA4250
<b>Number of channels</b>	4
<b>Rated output power of each channel</b>	250W
<b>Input sensitivity</b>	775mVRMS ( 0dBV/ all balanced input) 100VRMS (100V unbalanced input)
<b>SNR (signal-to-noise ratio)</b>	>80dB (100VRMS output)
<b>Input impedance</b>	60K ohms (balanced) 20K ohms (balanced priority) 100K ohms (100V unbalanced)
<b>Channel separation</b>	>70dB(1kHz)
<b>Frequency response</b>	80Hz-15kHz (±3dB normal operating conditions)
<b>THD (total harmonic distortion)</b>	<0.3% (1kHz normal operating conditions)
<b>Up speed</b>	>29V/us
<b>Priority threshold</b>	>10mVp (prior balanced line input) >1000mVp (prior 100VRMS line input)

<b>Indicators</b>	"Protection", "Limit", "Voltage limit", "Signal", "70V gear"
<b>Protection</b>	Power-on, high temperature, DC, short circuit
<b>Power supply</b>	AC180-250V/50Hz DC24V (rated output power -3dB)
<b>Overall dimensions (mm)</b>	(LxWxH) 552x510x105
<b>Machine dimension (mm)</b>	(LxWxH) 483x435x44 (not including machine legs)
<b>Machine legs</b>	Four 6.5mm high soft plastic machine legs, can be removed as needed
<b>Power consumption (AC220V)</b>	1240W
<b>Power consumption (DC24V)</b>	708W
<b>Static power consumption (AC220V)</b>	57W
<b>Static power consumption (DC24V)</b>	57.6W
<b>Gross weight (kg)</b>	8
<b>Net weight (kg)</b>	7