



## TECHNICAL SPECIFICATIONS

### SPECIFICATION

Input Signal	
Mic Input	2.2 k $\Omega$
Mic gain adjustment range	0dB to +36dB
Analog Input	Balanced: 20 k $\Omega$ , unbalanced: 10 k $\Omega$
CMRR	51 dB / 58 dB
Output Signal	
Distributed speakers (mono)	70 V / 100 V
Program speakers (stereo)	4 $\Omega$ / 8 $\Omega$ , line-level
Power	70 Vrms = 150 W (bridge mode) 100 Vrms = 150 W (bridge mode) 4 / 8 $\Omega$ = 75 W per channel
Audio Processing	
Sampling Rate	48 kHz / 24-bit
Signal Processing	Volume, Auto on / off signal sensing. Adjustable HPF, default setting of 100 Hz
Equalization	5-band, adjustable: 40 Hz, 150 Hz, 500 Hz, 2 kHz, and 10 kHz bands Range: -10 dB to +10 dB
Audio Performance	
Frequency Response	20 Hz - 20 kHz, $\pm 2$ dB @ 4 $\Omega$ load
THD + N	< 0.1% @ 1kHz, 3 dB below clipping
SNR	> 90 dBA WTD
Damping Factor	< 90 @ 8 $\Omega$
Amplifier Type	Class D
Temperature	
Operating Temperature	32 °F to 122 °F      0 °C to 50 °C
Storage Temperature	-40 °F to 158 °F      -40 °C to 70 °C
Relative Humidity (RH)	20% to 90% RH, non-condensing
Power	
Standby Mode	Standby after 5-30 minutes (adjustable) of no signal.
Consumption	150 W (max.)
Supply	100 - 240 V AC, 50/60 Hz, 150 W