



TECHNICAL SPECIFICATIONS

SPECIFICATION

Input Signal		
Mic Input	2.2 kΩ	
Mic gain adjustment range	0dB to +36dB	
Analog Input	Balanced: 20 kΩ, unbalanced: 10 kΩ	
CMRR	51 dB / 58 dB	
Output Signal		
Distributed speakers (mono)	70 V / 100 V	
Program speakers (stereo)	4 Ω / 8 Ω, line-level	
Power	70 Vrms = 150 W (bridge mode) 100 Vrms = 150 W (bridge mode) 4 / 8 Ω = 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, ±2 dB @ 4 Ω load	
THD + N	< 0.1% @ 1kHz, 3 dB below clipping	
SNR	> 90 dBA WTD	
Damping Factor	< 90 @ 8 Ω	
Amplifier Type	Class D	
Temperature	Fahrenheit	Celsius
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	

