

Atlona AT-GAIN-60 60W Amplifier/4/8 Ohm x2/24V/70V/100Vx1/Plenum Rated

Connectors, Controls, and Indicators	
LAN	1 - RJ45
AUDIO IN 1	1 - 5-pin captive screw, balanced: 10 k Ω
AUDIO IN 2	2 - RCA-type, female, unbalanced: 20 k Ω
4 / 8 Ω OUT	1 - 4-pin, 5.08 mm lock-down screw connector
24 / 70 / 100V	1 - 5-pin, 3.5mm
Power	1 - 3.5 mm barrel, locking
INPUT GAIN	1 - Rotary pot
MODE	1 - Slider switch, 5-pole, 24V / 70V / 100V / 8 Ω / 4 Ω
RESET	1 - Push button, tact-type
INPUT	1 - Push button, tact-type
MUTE	1 - Push button, tact-type
VOL	2 - Push buttons, tact-type
PWR	1 - LED indicator, green
1 / 2 Input Indicators	2 - LED indicators, green
Mute Indicator	1 - LED indicator, red
Audio Level Indicator	1 - Multi-LED

Input Signal	
Analog Input	Balanced: 20 k Ω , unbalanced: 10 k Ω
Input Gain	Adjustable, -22 dB to 0 dB
CMRR	49 dB / 67 dB
Detection Threshold	0 dBV = 2.218 dBu

Output Signal	
Distributed speakers (mono)	24 V / 70 V / 100 V
Program speakers (stereo)	4 Ω / 8 Ω , line-level
Power	24 V = 60 Vrms (high-Z) 70 V = 60 Vrms (high-Z) 100 V = 60 Vrms (high-Z) 4 / 8 Ω = 30 W per channel

Audio Processing	
Audio Formats	24-bit uncompressed, selectable at 44.1, 48, 88.2, and 96 kHz sampling rate
Signal Processing	Volume, Auto on/off signal sensing, 80 Hz HPF
2-band EQ	Bass / Treble, adjustable: -10 to +10 dB

Audio Performance	
Frequency Response	20 Hz - 20 kHz, \pm 0.2 / -2 dB @ 4 Ω load
THD + N	< 0.1% @ 1kHz, 3 dB below clipping
SNR	> 95 dBA WTD
Damping Factor	< 48 @ 8 Ω
Amplifier Type	Class D

Temperature	Fahrenheit	Celsius
Operating	32 to 122	0 to 50
Storage	-40 to 158	

		-40 to 70
Humidity (RH)	90%, non-condensing	

Power	
Standby Mode	Powers down after 5-25 minutes (adjustable) of no signal; complies with ENERGY STAR power consumption limits of < 0.5 W in standby mode
Consumption	60 W (max.)
Standby Consumption	< 1.2 W
Supply	100 - 240 V AC, 50/60 Hz, 60 W

Dimensions	Inches	Millimeters
H x W x D	1.69 x 5.00 x 7.95	43 x 127 x 202

Weight	Pounds	Kilograms
Device	3.15	1.43

Certification	
Device	CE, RoHS, WEEE, FCC, ENERGY STAR®