

High Efficiency Class-D Amp

AP-D90 and AP-D150 are high efficiency Class-D amplifier with audio signal disposal mixer. It features with 3 balanced MIC input with priority, 2 unbalanced RCA AUX input and 1 unbalanced RCA AUX output. Volume of each input support linear adjustment and Master, Treble & Bass volume tailoring for amplifier output. It has 70V and 100V selectable loudspeaker line output with phoenix terminal and with strong self protection. It is the best choice for small power compatible projects or for standalone Public Address purpose.

AP-D90/150



REAR PANEL

- King of stability: Class-D technology enabled for higher efficiency and lower heat generating with risk free in-and-out compact design
- AP-D90 is of 90W rated power and AP-D150W is of 150W rated power
- Total 7 audio input with flexible volume adjustment
- Support Treble & Bass sound tailoring
- With 70V and 100V selectable loudspeaker line output
- With full amplifier protection and self restoring from failure
- Auto voltage balancing power supply input resolves the problem from unstably overvoltage and manage high fidelity sound reproduction at the same time

SPECIFICATIONS	AP-D90	AP-D150
Rated Power Output	90W	150W
Main Power Supply Voltage	~100-120V or ~220-240V 50/60Hz (alternative)	
Power Consumption	<35W	<45W
Main Power Supply Protection	T3.15AH 250V	
Speaker Output	100V / 70V / 8Ω	
Frequency Response	70Hz ~ 15KHz (+1dB ~ -3dB)	
S/N Ratio	Line: >90dB (with A-Weight)	
Non-linear Distortion	<0.5% (at 1/3 rated power, 1kHz)	
Output Method	High impedance / Low impedance Output (alternative) 8Ω Rated impedance output (Low impedance) 90W: 100V(111.1Ω) Rated voltage output (High impedance) 90W: 70V(54.4Ω) Rated voltage output (High impedance) 150W: 100V(66.67Ω) Rated voltage output (High impedance) 150W: 70V(32.67Ω) Rated voltage output (High impedance)	
MIC Input	5~10mV, 600Ω, Balance	
Aux Input	0dBu or 6dBu (alternative), 10KΩ, Unbalance	
Aux Output	0dBu, 600Ω, Unbalance	
Bass/Treble Adjust Range	BASS:100Hz(±10dB), TREBLE:12KHz(±10dB)	
Number of Output Channels	1	
Mute Fuction	MIC1 INPUT, MIC2/MIC3/AUX1/AUX2 reduce0~30dB	
Function Control	5×Input volume adjusters, 1×master volume adjuster, 1×bass adjuster, 1×treble adjuster, 1×mute adjuster 1×power switch, 1×AC input voltage switch 1×Hi/Li output switch, 1×0dB/6dB input sensitivity switch	
Indicator Light	1×power indicator lights, 1×PROT lights, 1×CLIP lights, 1×0dB lights, 1×-10dB lights, 1×-20dB lights	
Operating Conditions	95% humidity, 0°C ~+40°C (0~104°F) (no condensation)	
Storage Temperature	-10°C ~+55°C (14°F~131°F)	
Cooling Method	Passive cooling	
Product Dimensions (width × height × depth)	366×89×483 mm	
Package Dimensions (width × height × depth)	435×185×520 mm	
Net Weight	6.5kg	7kg
Gross Weight	8.15kg	8.65kg