

iAC DSP Series Amplifiers

INSTALLATION POWER AMPLIFIERS WITH DSP AND DANTE CARDS

The iAC amplifier series offers 1- and 2-channel Class-D models suitable for both 100 V and low-impedance loudspeaker systems. Equipped with a digitally controlled amplifier circuit, they provide full DSP capabilities including a 6-point parametric EQ, limiter, noise gate, and delay. Navigation is made simple via a rotary encoder and LCD display. Inputs include balanced Phoenix and stereo RCA connectors, plus audio link outputs for signal distribution. RS-232 connectivity enables full remote control and system integration, while the iAC 2x240 DSP model supports input/output routing and bridging. Optional Dante interface cards allow for seamless integration with digital networked audio systems.



Technical Specifications	iAC 120 DSP	iAC 240 DSP	iAC 360 DSP	iAC 2X240 DSP
Output power (100 V & 4 Ω)	1 x 120 W	1 x 240 W	1 x 360 W	2 x 240 or 1 x 480 W
Power supply	AC ~ 230 V, 50 Hz			
Power consumption	180 VA	360 VA	540 VA	720 VA
Stand by power consumption	10 VA			20 VA
Outputs	1 x Phoenix power output, 1 x Phoenix audio link			
Inputs	1 x Balanced Phoenix, 1 x Stereo RCA Optional: 1 x RJ-45 Dante digital audio			
Frequency Response (100 V)	120 Hz – 20 kHz			
Frequency Response (4 Ω)	32 Hz – 21 kHz	31 Hz – 20 kHz	31 Hz – 20 kHz	35 Hz – 21 kHz
THD	0,07 %	0,20 %	0,25 %	0,16 %
S/N ratio	95 dB	92 dB	98 dB	94 dB
Input sensitivity	Adjustable: -12 dB to +12 dB			
Input impedance	Balanced: 11 kΩ, unbalanced 8 kΩ			
Remote control	RS-232			
Tone control (over RS-232)	6-band parametric EQ			
Cooling	Passive cooling	Forced air cooling with manual / auto control		
Protection	Overcurrent, overtemperature, undervoltage			
Dimensions (H x W x D)	44 x 430 x 245 mm	88 x 430 x 342 mm		
Weight	5 kg	8 kg	9.4 kg	11.5 kg

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Front panel view (iAC 120 DSP)



Front panel view (iAC 240 DSP / iAC 360 DSP)



Front panel view (iAC 2x240 DSP)



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Rear panel view (iAC 120 DSP)



Rear panel view (iAC 240 DSP / iAC 360 DSP)



Rear panel view (iAC 2x240 DSP)



Rear panel view