

AMC iAC120DSP Power Amplifiers DSP Dante Cards



AMC iAC120DSP Power Amplifiers DSP Dante Cards Installation Guide

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AMC iAC120DSP Power Amplifiers DSP Dante Cards



Product Information

Specifications

• iAC 120 DSP

- **Output power:** 1 x 120 W
- **Power consumption:** 180 VA
- **Stand by power consumption:** 10 VA
- **Frequency Response (100 V):** 32 Hz – 21 kHz
- **THD:** 0.07%
- **S/N ratio:** 95 dB
- **Input sensitivity:** N/A
- **Input impedance:** N/A
- **Cooling:** Passive cooling
- **Dimensions (H x W x D):** 44 x 430 x 245 mm
- **Weight:** 5 kg

• iAC 240 DSP

- **Output power:** 1 x 240 W
- **Power consumption:** 360 VA
- **Stand by power consumption:** 10 VA
- **Frequency Response (100 V):** 120 Hz – 20 kHz
- **THD:** 0.20%
- **S/N ratio:** 92 dB
- **Input sensitivity:** N/A
- **Input impedance:** N/A
- **Cooling:** Forced air cooling with manual/auto control
- **Dimensions (H x W x D):** 88 x 430 x 342 mm
- **Weight:** 9.4 kg

• iAC 360 DSP

- **Output power:** 1 x 360 W
- **Power consumption:** 540 VA
- **Stand by power consumption:** 10 VA
- **Frequency Response (100 V):** 31 Hz – 20 kHz
- **THD:** 0.25%
- **S/N ratio:** 98 dB
- **Input sensitivity:** N/A
- **Input impedance:** N/A
- **Cooling:** Forced air cooling with manual/auto control
- **Dimensions (H x W x D):** 88 x 430 x 342 mm
- **Weight:** 11.5 kg

• iAC 2X240 DSP

- **Output power:** 2 x 240 W or 1 x 480 W
- **Power consumption:** 720 VA
- **Stand by power consumption:** 20 VA
- **Frequency Response (100 V):** 35 Hz – 21 kHz
- **THD:** 0.16%

- **S/N ratio:** 94 dB
- **Input sensitivity:** N/A
- **Input impedance:** Balanced – 11 k, unbalanced – 8 k
- **Cooling:** Forced air cooling with manual/auto control
- **Dimensions (H x W x D):** 88 x 430 x 342 mm
- **Weight:** 8 kg (for single channel), 9.4 kg (for dual channel)

Introduction

Single and two channel Class-D amplifiers for 100 V and low impedance systems. Electronically controlled amplifier circuit, easy menu navigation with rotary controller and LCD. Silent fan mode, DSP processing: 6-point parametric EQ, limiter, gate, delay. Balanced Phoenix & Stereo RCA inputs and audio link outputs. RS-232 port for full control and status feedback allows integrating iAC amplifiers into large and complex audio systems that can be automated or controlled remotely. iAC 2×240 DSP features internal input-output routing and bridging. All models are available with an optional Dante card for use with digital audio network systems.



Technical Specifications

Technical Specifications	iAC 120 DSP	iAC 240 DSP	iAC 360 DSP	iAC 2X240 DSP
Output power	1 x 120 W	1 x 240 W	1 x 360 W	2 x 240 or 1 x 480 W
Power consumption	180 VA	360 VA	540 VA	720 VA
Stand by power consumption	10 VA	10 VA	10 VA	20 VA
Power supply	~ 230 V, 50 Hz			
Outputs	1 x Phoenix power output, 1 x Phoenix audio link			
Inputs	1 x Balanced Phoenix, 1 x Stereo RCA Optional: Dante digital audio 1 x RJ-45			
Frequency Response (100 V)	120 Hz – 20 kHz			
Frequency Response (4 ohm)	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				
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		
Dimensions (H x W x D)	44 x 430 x 245	88 x 430 x 342		
Weight	5 kg	8 kg	9.4 kg	11.5 kg

contact

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Documents / Resources

	AMC iAC120DSP Power Amplifiers DSP Dante Cards [pdf] Installation Guide iAC120DSP Power Amplifiers DSP Dante Cards, iAC120DSP, Power Amplifiers DSP Dante Cards, Amplifiers DSP Dante Cards, DSP Dante Cards, Dante Cards, Cards
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References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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