

iAC 4X125 DSP

FOUR CHANNEL INSTALLATION AMPLIFIER WITH DSP

iAC 4X125 DSP professional installation amplifier provides both 100V constant voltage and low impedance transformerless outputs. It has Full 4x4 Matrix, enabling complete routing flexibility. Internal DSP processor provides each channel with individual 6-point parametric EQ, high-pass and low-pass filters, limiter, delay and input gate. iAC 4X125 DSP also has full RS232 control and allows for remote control and automation of the amplifier using a standard serial connection.

Amplifier's power supply has Power Factor Correction (PFC) circuit that optimizes the power usage of the amplifier, improving efficiency and reducing the strain on the electrical system. This also helps in complying with energy standards by reducing harmonic distortion and improving the power factor. Further power efficiency is achieved with the auto standby feature that automatically powers down the amplifier when it detects no signal input. Once a signal is detected, the amplifier powers back up without manual intervention.



Technical Specifications	IAC 4X125 DSP
Power supply	AC 230 V / 50 Hz, with PFC circuit
Power consumption	MAX: 655 VA, idle:80 VA, standby: 3.8 VA
Output power	4 x 125 W
Output	4 x Phoenix power output, 4 x Phoenix audio link
Input	4 x Balanced Phoenix, 4 x Stereo RCA
Frequency response	30 Hz - 20 kHz
Total harmonic distortions	0.07 %
S/N ratio	88 dB
Control	Front panel encoder, RS-232
DSP features	6-point PEQ, high and low-pass filters, limiter, delay, input gate, input matrix
Standby modes	Auto / manual
Input sensitivity	Adjustable: -12 dB to +12 dB
Input impedance	Balanced: 11 k Ω , unbalanced 11 k Ω
Cooling	Forced air cooling
Protection	Overtemperature, undervoltage, overcurrent
Display	Monochrome graphic display
Dimensions (H x W x D)	88 mm x 340 mm x 430 mm
Weight	7 kg

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Front panel view



Rear panel view



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**4X4
MATRIX**

**INPUT
GATE**

**SIGNAL
LIMITER**

**OUTPUT
DELAY**

**LOW CUT
FILTER**

**6-POINT
PEQ**

**HIGH PASS
FILTER**

Essential sound that
fills **every space.**