

ADS

AUDIO DESIGN SERVICES

4 Zone Matrix Amplifier

ADS i-Quad Plus

The i-Quad 120 PLUS is an enhanced version of the i-Quad range. The i-Quad 120 is a fully featured, professional mixer amplifier with full on board zoning facilities and MP3 (SD/USB) player with FM tuner.

Each input can be easily designated to any of the four zone outputs using the front panel selector, with each zone featuring bass, treble and volume control so the audio can be tailored to each zone.

A built in MP3 / FM radio is incorporated on the front panel. On the rear are three combo mic/line inputs with selector and phantom power via XLR / 6.35mm jack. Two RCA line inputs allow CD / DVD / Streaming / DAB tuner etc. The RJ45 port accepts the dedicated ADS Signet 4iQ microphone. Up to 6 Signet 4iQ's can be cascaded from each amplifier with CAT5 cable connections.

A RS232 serial communication port is supplied for third party system communication.

A priority input can be used to override all other inputs.

A monitor output is provided. 70V, 100V and 4 Ω speaker outputs are supplied to give a plethora of applications.

Extensive protection functions from thermal, short-circuit, clip and Overload.

[See web site for advanced features info](#)

TECHNICAL SPECIFICATIONS

Model:	ADS i-Quad Plus 120	Monitor Output:	1W/ 8 Ohm
Power Output (RMS):	4 x 120W	Phantom Power:	+/- 2.5mV
AC Power:	~230V 50Hz	Signal/Noise ratio:	=> 65dB
Consumption:	750W	Tone:	Bass: +/- 10dB at 100Hz / Treble: +/- 10dB at 10 KHz
Frequency Response:	80-16KHz(0/-3dB)	Dimensions:	484 x 440 x 132mm
Harmonic Distortion:	=<1%	Weight:	13.48kg
Mic Sensitivity / impedance:	CH1 ,CH2, CH3: +/- 2.5mV/600 Ohm / Ch4, Ch5 350mV/10KOhm balanced input	MP3:	Support MP3 Format, Max Capacity 32GB
Line In:	~175mV/10K Ohm balanced Input	Remote Control:	Yes
Line Input:	#175mV	Remote Mic:	+/- 387mV/10K Ohm
Telephone:	350mv/10KOhm	SD File System:	Only FAT16, FAT32
Line Outputs:	1V/600Ohm (Balanced Output)		