

ADS i-Quad Plus 120

4 Channel Mixer Amplifier



The i-Quad 120 PLUS 120 is an enhanced version of the i-Quad 120

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 a 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. An 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.

Enhanced Features

1. Factory default gives Tele input priority and console mic priority all other inputs mix.
2. Priority 1 gives Tele input, console mic and input 1 priority, all other inputs mix. Configurable by RS 232.
3. Priority 2 gives Tele input, console mic and input 1, input 2 priority, all other inputs mix. Configurable by RS 232.
4. Priority 3 gives Tele input, console mic and input 1, input 2, input 3 priority, all other inputs mix. Configurable by RS 232.
5. Mode B mutes all input channels when priority contact is closed. Configurable by RS 232.
6. Mode C mutes all inputs except Tele and console mic when priority contact is closed.

FOR FULL FEATURES AND SET UP, PLEASE SEE OPERATION MANUAL - Pages 9 to 13

Technical Specification

Model:	ADS i-Quad Plus 120
Power Output (RMS):	4 x 120W
AC Power:	~230V 50Hz
Consumption:	750W
Frequency Response:	80-16KHz(0/-3dB)
Harmonic Distortion:	=<1%
Mic Sensitivity / impedance:	CH1 ,CH2, CH3: +/- 2.5mV/600 Ohm
Line Input:	#175mV
Line Outputs:	1V/600Ohm (Balanced Output)
Loudspeaker Outputs:	4 Ohm / 70V, 100V
Monitor Output:	1W/ 8 Ohm
Phantom Power:	+/- 2.5mV
Signal/Noise ratio:	=> 65dB
Tone:	Bass: +/- 10dB at 100Hz / Treble: +/- 10dB at 10 KHz
Dimensions:	484 x 440 x 132mm
Weight:	13.48kg
MP3:	Support MP3 Format, Max Capacity 32GB
Remote Control:	Yes
SD File System:	Only FAT16, FAT32