

ADS 3120 Plus – 100V Mixer Amplifier – 120W AC/DC



A 120W rms, 100V line, two-zone amplifier suitable for powering medium to large sound systems where music may be required in one area and quiet elsewhere. Messages can be relayed to both areas using the priority switching system. Features include:

- 220-240Vac or 24Vdc power operation
- two balanced microphone inputs (MIC1 and MIC2) with priority paging and chime
- three more balanced inputs (MIC3, MIC4 and MIC5) switchable between mic and line level
- XLR and 1/4 inch 3-pole jack combination sockets for MIC1, MIC2 and MIC3
- additional 5-pin DIN sockets for MIC1 and MIC2 (to accept microphones fitted with a 5-pin DIN plug such as the ADS Signet 1A)
- trim control on MIC1 and MIC2
- 1/4 inch jack sockets for MIC4 and MIC5
- phantom power on all inputs
- two outputs - one for speech and music, one for speech only, (on MIC1 and MIC2)
- fixed or variable booster output
- volume controls for all inputs on the front panel
- separate bass, treble and master volume controls on the front panel
- supplied with 19 inch rack mount ears

Technical Specification:

Power Output	120W rms
Voltage Output	100V
ac Power	220-240V at 50 Hz
ac Power Consumption	320W at rated power
dc Power	24V
dc Power Consumption	8A at rated power
Distortion at rated power	<2% THD
Frequency Response	50Hz – 18kHz, -3dB
Sensitivity (Mics 1 & 2)	1mV – 100mV at 600ohm
Sensitivity (Mics 3 - 5)	1mV at 600ohm
Aux Inputs	775mV at 100kohm, 0dB
Signal/Noise ratio, Mics	>60dB
Signal/Noise ratio, Aux	>70dB
Phantom Power	18Vdc
Booster Output	1V at 600ohm
Bass Control	±10dB at 100Hz
Treble Control	±10dB at 10kHz
Dimensions	H88 x W428 x D268 mm
Weight	10.2kg
19-inch Rack Mount Kit	Included

RRP inc VAT €550