

ADS

AUDIO DESIGN SERVICES

500W / 100V Line Mixer Amplifier

ADS 500



ADS 500W/100V LINE MIXER AMPLIFIER

The ADS 500 amplifier brings more than just basic functionality, ADS reliability and great value to the ADS range for a variety of commercial and industrial installations.

The ADS500 amplifier is a 3U mixer amplifier featuring 70V, 100V and 4-16ohm speaker outputs & 4 universal balanced XLR mic inputs with phantom power.

There are 4 audio source selectors on the front panel. 4 Aux inputs by dual RCA type are located on the rear panel. Mic 1-4 with Vox priority selectors.

The amplifier is also built-in pre-announcement chime with volume control and remote chime trigger. The REC output for tape recorder and PRE output, AMP input for adding extra signal processor like mixer, graphic equalizer.

Volume control over Mic1-4, aux, master & overall treble/bass controls are provided.

Complete protection includes short circuit and thermal protection, current limiter and overloading.

Other features:

- XLR balanced line output for extra power amplifier - AC 110V or 230V

TECHNICAL SPECIFICATIONS

Rated Power Output:	500W	Signal/Noise ratio, Mics:	MIC 1, 2, 3, 4: 66dB
Power Output (RMS):	500W	Signal/Noise ratio, Aux:	AUX: 80dB
AC Power:	~110V/60Hz or ~230V/50Hz	Tone Control:	Bass: +/-10dB at 100Hz, Treble: +/-10dB at 10KHz
AC Power Consumption:	400W	Colour / Finish:	Black
Frequency Response:	50Hz~16KHz(+1dB, -3dB)	Dimensions:	484x358x132mm
Aux Input:	AMP: 1000mV/10KΩ, Unbalanced RCA input	Weight:	16
Input:	AMP: 1000mV/10KΩ, Unbalanced RCA input		
Line Input:	MIC TAPE, CD, TUNER, LINE INPUT (AUX): 350mV/10KΩ, Unbalanced RCA input		
Mic Inputs:	MIC 1, 2, 3, 4: 2.5mV/2KΩ, Balanced XLR input		
Output Impedance:	50V, 70V, 100V & 4~16Ω		
Phantom Power:	+48V with LED indicator		