

Stereo Headphone Amplifiers

HDA100 HDA100-BAT

NANOAMP™ PROBLEM SOLVERS from ATI are a compact, convenient and rugged series of low cost meters, mixers, microphone, distribution, summing and interface and headphone amplifiers. Compatible packages let you mix and match. Use them free standing, pack them, stack them or rack mount one, two or three across with convenient *NANOAMP™* accessories.

The **HDA100** is a high quality stereo headphone amplifier capable of driving most 32 to 600 ohm headphones to very high levels near 120dB SPL. The HDA100 features high impedance balanced inputs selectable for -10 or +4dBu and a front panel stereo/mono switch. Quiet, UL and CE approved 24VDC remote power modules drive multiple amplifiers.

The **HDA100-BAT** adds a battery power option with two 9V batteries (not included). Battery life varies with loudness and headphone efficiency. Alkaline batteries typically provide 16 hours; lithium, 40 hours. Batteries mount in the top cover.



Model HDA100

- Stand alone device
- High performance
- Single stereo output headphone amplifier
- TRS & XLR line level inputs
- Stereo/Mono switch
- Battery powered option



Model HDA100-BAT



Rear Panel Connections

Stereo Headphone Amplifiers

Technical Specifications

HDA100
HDA100-BAT

OUTPUT	120dB SPL driving typical 32 to 600 ohm headphones; HDA100 provides 16V peak-to-peak for high impedance headphones and up to 0.2A p-p to low impedance headphones
INPUT	+4 or -10dBu nominal level (via internal jumper plug selection) for 1mW output +24dBu maximum input level, 40K-ohm balanced input impedance
DISTORTION	0.1% maximum THD, 20Hz to 20kHz, below clipping
RESPONSE	+0/-.25dB, 20Hz to 20kHz
NOISE	-94dBm E.I.N., 20kHz measurement bandwidth
CONNECTORS	Input: Two 1/4 inch TRS jacks and two XLR connectors Output: One 1/4 inch TRS stereo jack Power: Two cylindrical 5.5mm OD, 2.1mm 1D, center pin negative
POWER	HDA100: 24VDC nominal at up to .2A from WA100-1 external power supply, included; specify WA100-2 for operation from 220-230VAC. HDA100-BAT: Two 9V batteries or external power supply as back-up
SIZE in (cm)	1.72 (4.45)H X 5.75 (14.6)W X 6.0 (15.21)D
WEIGHT	1.5 pounds (0.7kg)
POWER SUPPLIES	
WA 100-1	Wall mount power supply (UL, CSA), 24VDC @ .4 Amp, 115 VAC/60 Hz.
WA100-2	Table top power supply with IEC 320 AC connector, 24VDC @ .4 amp, 230VAC/50 Hz (optional, specify)
WARRANTY	Limited, One Year Warranty