



# HX-3 Portable Headphone Amplifier



The HX-3 from Sound Devices is a portable, stereo headphone amplifier designed for critical audio monitoring. The audiophile-quality headphone amp is ideal for adding headphone feeds for portable and studio applications.

The HX-3 provides three independent headphone feeds from balanced or unbalanced, line level sources. Each headphone output has its own level control, peak LED, and 1/4-inch output connector. With its extended bandwidth and high drive capability the HX-3 can drive headphones of various impedances to high levels with very low distortion, important for monitoring in high SPL environments. It is powered from two-AA batteries or external DC.

The HX-3 will provide years of superb audio performance under the most punishing studio and field conditions.

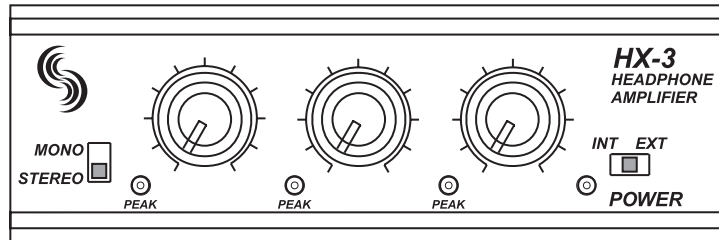
## Key Features

- Three high-current stereo headphone outputs
- Individual volume control for each headphone feed
- Stereo or mono headphone monitoring
- Peak LED - shows if headphones are clipping
- Loop output to connect additional HX-3 amps
- Flexible inputs - balanced line level XLR, stereo 1/4", and stereo 1/8" inputs
- Battery (2 x AA) or external 5-17 VDC powering
- Quick change battery compartment
- Compact, durable mechanical construction

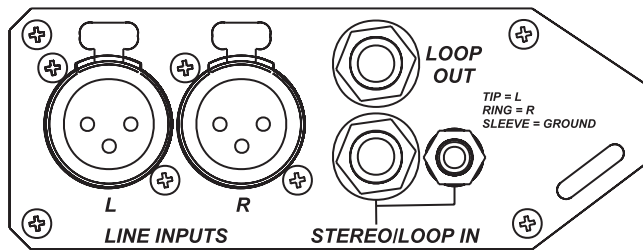


[www.sounddevices.com](http://www.sounddevices.com)

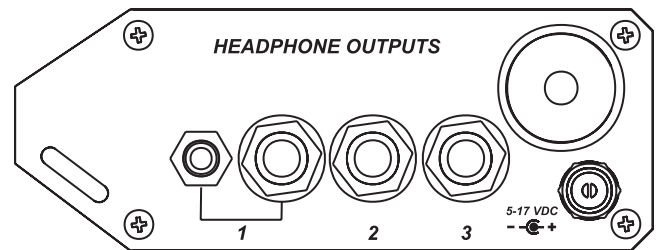
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FRONT PANEL



INPUT/OUTPUT PANEL



OUTPUT PANEL

<b>Frequency Response:</b>	10 Hz - 50 kHz, +/- 1.0 dB, any input to any output, gain controls set to 50%
<b>Voltage Gain:</b>	34 dB - Bal line to headphone 35 dB - 1/4 & 1/8-inch to headphones
<b>Output Clipping Level:</b>	+18 dBu minimum with 600 ohm load +16 dB minimum with 300 ohm load
<b>Headphone Output Impedance:</b>	200 ohms
<b>Input Clipping Level:</b>	<i>XLR</i> : +24 dBu minimum <i>1/4-inch and 1/8-inch inputs</i> : +22 dBu minimum
<b>Dynamic Range (balanced line inputs):</b>	120 dB minimum
<b>THD + Noise:</b>	0.03% maximum (from 10 Hz to 22 kHz @ +10 dBu input and output level)
<b>Inputs:</b>	<i>XLR</i> : electronically balanced, 22k ohm input impedance <i>1/4-inch unbalanced</i> : 9.1k ohm impedance <i>1/8-inch unbalanced</i> : 9.1k ohm impedance
<b>Loop Output:</b>	Unbalanced, 200 ohm output impedance
<b>Internal Voltage Rails:</b>	+15 V and -15 V, regulated
<b>Power:</b>	<i>Internal</i> : 2 AA alkaline batteries, 10 hours life typical with nominal <i>External</i> : 5 - 17 VDC via threaded coaxial connector
<b>Power LED:</b>	Green indicates power and good battery. Red indicates power with low batteries.



SOUND DEVICES

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