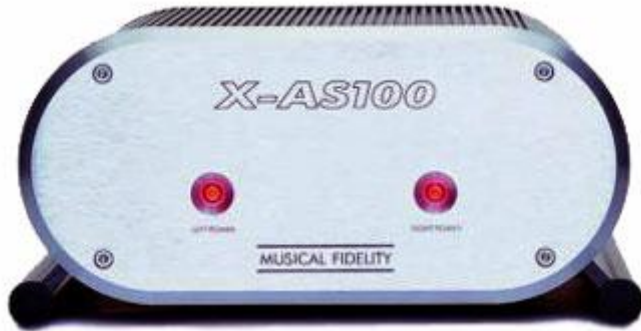


# MUSICAL FIDELITY

## X-CANS Headphone Amplifier

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## OVERVIEW

Class A single ended triode tube headphone amplifier

## FEATURES & BENEFITS

<b>Class A single ended triode tube design</b>	True high end performance for headphones
<b>Line In &amp; Out connections</b>	Allows use in the tape monitor loop whilst retaining full tape monitor functionality
<b>Optimum PCB layout and high quality components throughout</b>	Ensures maximum sound quality and reliability
<b>External mains transformer</b>	Extremely low background noise levels maximise dynamic range and low level detail resolution
<b>Powerful tube output stage</b>	Easily drives low impedance headphones to realistic levels

## SPECIFICATIONS

**Max output power** 100mW into 40Ohms

>100mW for loads >40Ohms

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**THD** <0.02% 20Hz-20kHz unweighted  
<0.007% 20Hz-20kHz "A" weighted

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**S/N ratio** >80dB unweighted  
>86dB "A" weighted

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**Power requirement** 12V AC 500mA (via mains  
adaptor supplied)

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**Dimensions (mm)** 110 x 110 x 220 (W x H x D)  
width and height include feet

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All measurements are made at 3.5mW into  
40Ohms

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