

# Amplifier

## Audio, Low Voltage



### LB0080-001 Low Voltage 9-12V.AC/DC. 50/60Hz

#### Description:

This IEC Audio Amplifier runs from a 9V battery or 12V.AC/DC from a laboratory power pack or 12V.AC/DC. from a plug pak. The speaker fitted to this unit is small and, although limited in output volume and quality of sound, it is adequate for most laboratory work.

Input signal can be via a 3.5mm diameter phone jack or via standard 4mm sockets. When the phone jack is used from a microphone or other signal source, the maximum input signal should not exceed 20mV or distortion will occur. When the 4mm sockets are used, signal levels up to 200mV can be applied.

Two 4mm sockets are provided for an oscilloscope output so that the signal wave form can be studied. When the oscilloscope is used to view the waveforms, the speaker switch should be off to avoid waveform distortion due to the inductance of the speaker.

#### Specifications:

**Inputs:** 3.5mm phone jack: 20mV max.signal 4mm sockets: 200mV max.signal.

**Outputs:** Inbuilt loud speaker with ON/OFF switch. 4mm sockets for connection to external speaker or oscilloscope.

**Power:** 500mW max.output power.

Length: 145mm	Width: 80mm	Height: 65mm	Weight: 430g
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Designed and manufactured in Australia

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