

Audio Grade DC Power Supply, 10W, Bi-Polar

Model XAPS-10WB

User Instructions

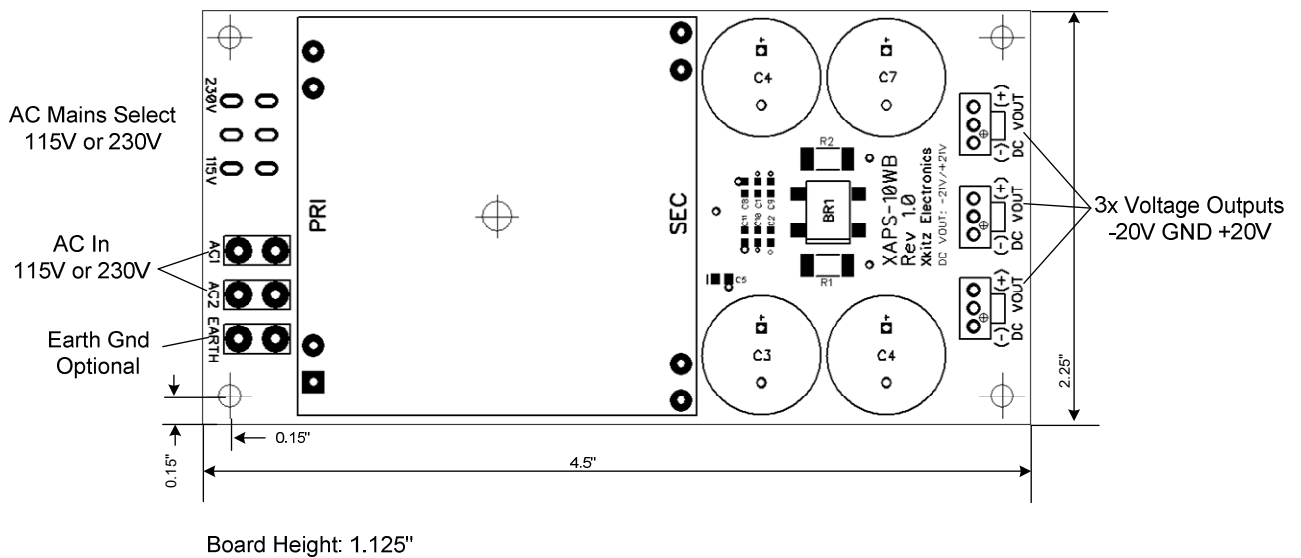
Rev 1.0

Xkitz.com

Features

- Designed specifically to power the fully balanced active crossovers XOVER-2B and XOVER-3B
- Output voltage: $\pm 20V$
- Output Current: 300mA sustained on each rail
- Large filter caps for clean, solid, output
- Support 115V or 230V AC mains input
- Dimensions: 4.5" x 2.25" x 1.125" High (114mm x 57mm x 29mm)

Figure 1. Connections and Dimensions



- **Select 115V or 230V AC mains voltage on the selector switch.**
- **Connect AC Mains input voltage to AC1 and AC2 terminals**
- **Optionally connect earth ground to 'EARTH' terminal.**
- **Connect up to 3 crossover boards to 'DC VOUT' connectors. The voltage, current capacity, and pin-outs are directly compatible with the XOVER-2B or XOVER-3B active crossover boards from Xkitz. No cutting or splicing is needed.**

Powering the XOVER-2 or XOVER 3 Crossovers

The XAPS-10WB was designed primarily to power the XOVER-2B or XOVER-3B fully balanced crossovers, but it can also be used to power the XOVER-2 or XOVER-3 crossovers. These crossovers use only a single positive power supply, so the (-) outputs of XAPS-10WB will not be used.

You'll need to cut off the snap-in connector on the crossover side of the cable (since the XOVER-2/3 boards have a terminal block for power supply connection). Just connect the center wire (GND) from the power supply to the (-) input on the terminal block and connect the (+) wire from the power supply to the (+) input on the terminal block. This will give the crossovers approximately 22-24V DC, which is ideal for the XOVER-2/3 boards.

Leave the wire from the (-) output of the power supply unconnected, or just cut it off, it won't be needed.