

The power supply has been designed to use for audio power amplifiers. This power supply uses a transformer, a bridge rectifier, various rail capacitors, fuse for protection, also supply has separate dual regulators for +/-15 V DC output. Maximum output for main audio amplifier +/-48V DC, high voltage output possible by altering bus capacitor voltage. The power supply also provides +/-15 V DC to power up pre-amplifier or other support circuit required symmetrical low regulated voltage. Replace LM7815/LM7915 IC with LM7812/LM7912 if need +/-12V regulated output. NTC used solve the inrush current at power on. All inputs and outputs provided with Screw terminals for easy connections. Project can provide Load current up to 10Amps for amplifier and +/-15V 500mA for pre-amplifier.





