

M4-ATX

6-30V Intelligent ATX Power Supply

Installation Guide

Version 1.0e
P/N M4-ATX-01

Before you start...

Please take a moment and read this manual before you install the M4-ATX in your vehicle. Often times, rushing into installing the unit can result in serious damage to your M4-ATX board, computer and probably your car's electrical system. **Always double check the polarity** of your wires with a voltmeter.

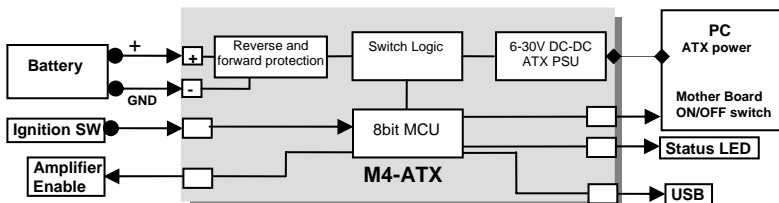
Avoid using the cigarette plug as a power source, often times the contacts are not capable of delivering high current to your PC.

Introduction

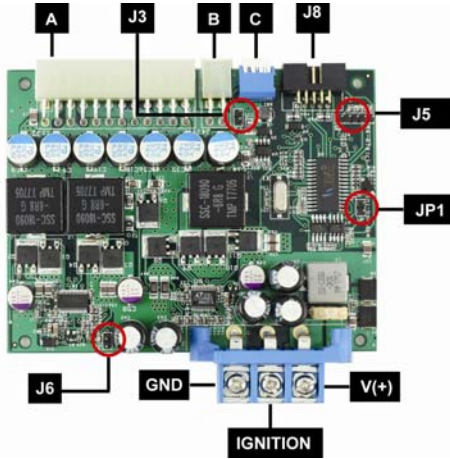
Thank you for purchasing the M4-ATX power sequencer / vehicle ATX power supply.

The M4-ATX was designed to work with a wide variety of main boards ranging from low power to fully fledged Intel, AMD or VIA motherboards.

M4-ATX Logic Diagram



1.2 M4-ATX Connection diagram

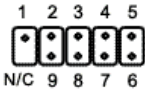


Power Input Connectors (bottom, right)

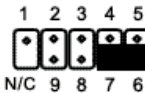
- Left Battery negative (GND)
- Center Ignition (switched battery, positive. Can test by connecting to Battery +)
- Right Battery positive (+)

- (A) ATX Power Output Connector 20/24 pin connector
- (B) 12V-ATX power output connector 4 pin
- (C) Configuration dip switches

- (J5) For internal use only (do not use)
- (J6) Amplifier THUMP wire harness (connects to the M4-ATX pin header)
- (J3) Fan Header
- (J8) USB, Motherboard ON/OFF and THUMP (Thump also available on J6)



- 1) GND
- 2) GND
- 3) USB D+
- 4) USB D-
- 5) Vcc
- 6) To Motherboard ON/OFF
- 7) To motherboard ON/OFF
- 8) Amplifier Thump
- 9) GND
- 19 N/C (key)



J8 shown with cable harness connected to the motherboard ON-OFF header (pin 7 and 6)

