

Coleco ADAM ADAMnet Power Inlet Board for Internal Power Supply

Thank you for your purchase of the Coleco ADAM ADAMnet Power Inlet Board for Internal Power Supply Adapter.

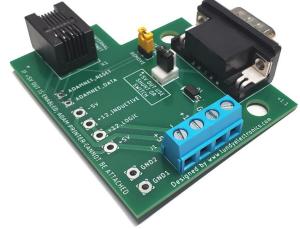
Lundy Electronics

What is in the box

- Coleco ADAM ADAMnet Power Inlet Board for Internal Power Supply

Device Specifics

The Coleco ADAM ADAMnet Power Inlet Board for Internal Power Supply Adapter is a Lundy Electronics exclusive that offers the following features for ADAM console modders.



- Seamless way to add an internal ADAMnet connector
- 4-pin terminal block for easy internal power supply connection
- Printer reset silencer while utilizing a factory printer power supply or third party external power supply
- All voltages removed from DB-9 except for +5v, ground, and ADAMnet data and reset
- +5v out reverse protection diode on DB-9 connection creating power out only from console
- +5v Power out disable on DB-9 connector

Design features

- Fully backwards compatible replacement for factory Coleco power inlet board and mounting
- Quality DB-9 power inlet connector positioned slightly more forward than factory Coleco power inlet board for better connections using third-party external power supplies
- Provides an Internal ADAMnet connector for internal expansions such as the Lundy Electronics Internal ADE Pro and Internal FujiNet
- Provides an ADAMnet reset silence jumper for the ability to stop printer reset every time the ADAM reset button is pulled
- Configure +5 out to DB-9 for use with Roller Controller power adapter or Coleco printer use only



Installation

The process of opening the ADAM console to expose the factory power inlet board and adding the necessary internal power supply and associated parts will not be discussed in this procedure. The end user is expected to have the necessary skills to do so.

Removal of original Coleco factory power inlet board

Note wire color placement of all eight power and ADAMnet wires before starting.

Remove the two truss head 3/8" screws securing the factory power inlet board. Rotate board to expose all eight wire solder pads. Carefully desolder all wires. See **Figures 1a and 1b**.

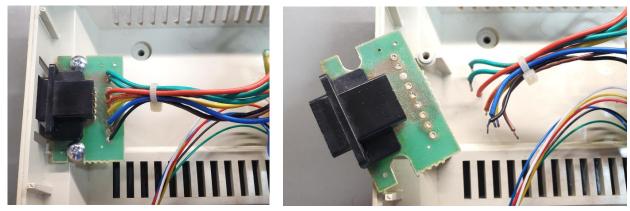


Figure 1a

Figure 1b

Installation of new Lundy Electronics ADAM Power Inlet Board for Internal Power Supply

Reverse the previous step by soldering the corresponding eight wires in the same order to the new power inlet board. Mount board using the same two original truss head 3/8" screws to secure it in place. See **Figure 2**.



Figure 2

All specifications and included hardware are subject to change. Rev. A https://www.lundyelectronics.com



4-Pin terminal block connections

Easy solderless way of connecting the internal power supply connections. This connector can accept wire sizes of 14-26 AWG and is clearly labeled. See **Figure 3**.

Installation is now complete.

Configuration

The printer reset silence jumper on the power inlet board comes pre-configured for allowing normal reset of Coleco printer each time the ADAM reset button is pulled. Remove this jumper to disable the Coleco printer reset functionality. This jumper has no effect on the main ADAMnet circuitry and only effects the printer. See **Figures 4a and 4b**.



Figure 3

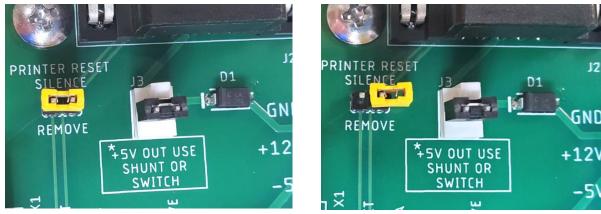


Figure 4a

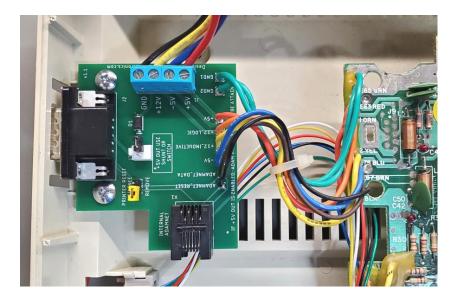
Figure 4b

The +5v out J3 connector comes pre-configured with a shunt for allowing +5v out for Roller Controller power. Note: If +5v is enabled for Roller Controller use, the Coleco printer must NOT be connected at any time to prevent damage to the printer having external +5v power applied to it. This connector is also designed for utilizing an external SPST switch mounted on the case if this configuration needs to be switched to utilize both modes of operation. Switch is not included with this board. See **Figures 4a** and **4b**.

Congratulations. You successfully installed your Coleco ADAM ADAMnet Power Inlet Board for Internal Power Supply!

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