

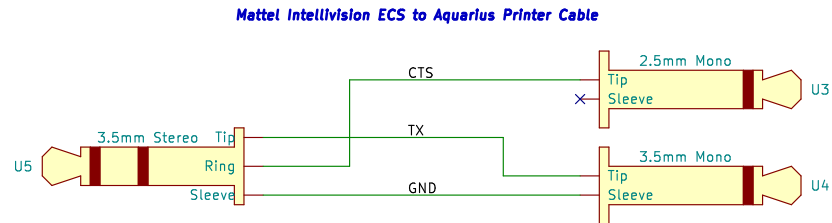
The DE-9 female connector for this cable plugs into the a PC's serial port, either directly when the PC uses a DE-9 male connector or via an adapter when the PC uses a DB-25 male connector.

Software needs to be set to 1200 baud, 8-bit, no parity, 2 stop bits, and use hardware flow control that is either RTS-CTS or DTR-DSR hardware flow control. Both hardware flow controls are possible because the both CTS and DSR are connected to the 2.5mm mono tip. Hardware flow control is necessary to reduce the chances of overflowing the printer's internal buffer when transmitting data to the printer.

Connecting DTR and DCD is optional, but enables support for software that requires the DCD signal.

DE-9 connectors are often mistakenly called DB-9 connectors.

The cable uses the DE-9 female connector because, using serial communications terminology, the printer is a DCE ("device"). Similarly, the PC uses the male connector since it is the DTE ("host"). There are alternative wiring diagrams that instead have the cable use the male connector and/or connect different signals together, but such cables require an additional null modem adapter or other adapter to connect to a PC.



Mattel Intellivision ECS software needs to set the ECS's UART to 1200 baud, 8-bit, no parity, 2 stop bits, and use CTS hardware flow control.

Note when assembling either cable that there is a 3.5 mono plug and a 2.5mm mono plug.

There is no need to connect to the 2.5mm mono connector's sleeve since the Aquarius Printer does not internally connect to it.

Cable Adapters to:
 * Typical PC Serial Port
 * Mattel Intellivision ECS

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