



Tech Info Library

Macintosh Plus: Imagewriter I Cable Pinouts

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Article Change History

05/25/93 - CORRECTED

- To update pinouts for the DB-25 to Circular-8 Cable

TOPIC -----

Below is the wiring diagram of the connection between a Macintosh Plus and an Apple Imagewriter I. Cables #1 and #2 may be used together for the connection or custom cable #3 may be constructed.

DISCUSSION -----

CABLE 1

Macintosh Imagewriter Cable
590-0169

Macintosh Connector (DB-9)	Imagewriter Connector (DB-25)
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Comments	Signal Name	Pin		Pin	Signal Name	Comments
Chassis Ground	GND	1	<---->	1	GND	Chassis/Frame Ground
Signal Ground	SGND	3, 8	<-->	7	GND	Signal Ground
Transmit Data	Tx	5	---->	3	Rx	Receive Data
Ready to Send	HSK	7	<-----	20	DTR	Data Terminal Ready
Signal Ground	SGND	8	(Connected to pin 3 on the Macintosh side)			
Receive Data	Rx	9	<-----	2	Tx	Transmit Data

CABLE 2

Macintosh Plus Circular 8 to DB-9 Adapter
699-0372

Circular 8	Signal	DB-9
1	HSKo (+12V)	6
2	HSKi	7
3	TXD-	5

4	GND	3*
5	RXD-	9
6	TXD+	4
7	No Wire	
8	RXD+	8
	GND	1*

* Pins 1 and 3 on the DB-9 end are jumpered together.

The pins on the male end of the circular 8 connector are numbered as shown:

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  6 7 8
 3 4 5
  1 2

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CABLE 3

Macintosh Plus Circular 8 to DB-25 Custom Cable

Circular 8	DB-25
1 HSKo (+12V)	6 & 8
2 HSKi	20 DTR
3 TXD-	3 RxD
4 GND	7 GND
5 RXD-	2 TxD
6 TXD+	No Wire
7 No Wire	No Wire
8 RXD+	7 GND

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