



# Tech Info Library

## Macintosh: External Floppy Drive Connector Pinouts (5/96)

Revised: 5/15/96  
Security: Everyone

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Article Created: 29 May 1985  
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TOPIC -----

What are the pinouts for the External Disk Drive Connector?

DISCUSSION -----

The external floppy disk drive connector is featured on the Macintosh 128K, 512K, 512K enhanced, Plus, SE, SE/30, Classic, Classic II, IICx, IICi, IIsi, Portable, and Performa 200.

A Macintosh 400K External Drive can be connected to the Macintosh 128K, 512K, 512K enhanced, Plus, SE, and Portable.

A Macintosh 800K External Drive or an Apple 3.5 Drive can be connected to the Macintosh 512K enhanced, Plus, SE, SE/30, Classic, Classic II, IICx, IICi, IIsi, and Performa 200.

An Apple SuperDrive can be connected to the Macintosh SE (with SuperDrive upgrade), SE/30, Classic, Classic II, IICx, IICi, IIsi, and Performa 200

An Apple Hard Disk 20 can be connected to a Macintosh 512K, 512K enhanced, Plus, and SE.

Begin\_Table

Connector type: DB-19.

Pin	Name	Description/Notes
1	CGND	Chassis ground
2	CGND	Chassis ground
3	CGND	Chassis ground
4	CGND	Chassis ground

.	5	-12V	
.	6	+5V	
.	7	+12V	
.	8	+12V	
.	9	N/C	Not connected
.	10	PWM	Regulates speed of the drive
.	11	PH0	Control line to send commands to drive
.	12	PH1	Control line to send commands to drive
.	13	PH2	Control line to send commands to drive
.	14	PH3	Control line to send commands to drive
.	15	WrReq-	Turns on the ability to write data to the drive
.	16	HdSel	Control line to send commands to the drive
.	17	Enbl2-	Enables the Rd line (else Rd is tristated)
.	18	Rd	Data actually read from the drive
.	19	Wr	Data actually written to the drive

End\_Table

Article Change History:

15 May 1996 - Corrected list of relevant CPUs

19 Sep 1995 - Revised to show discontinued upgrade.

05 May 1995 - Corrected minor error; reformatted for readability.

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