Tech Info Library

Macintosh Color Classic: External Pinouts (5/93)

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Revised:        8/11/93
Security:       Everyone


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TOPIC -------------------------------------------------------------


This article gives the pin assignments and functions for the external
connectors on the Macintosh Color Classic.


DISCUSSION --------------------------------------------------------


Apple Desktop Bus (ADB)
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Pin          Signal name          Signal description

1            ADB                  Data

2            PWRON                Power on

3            +5v                  +5 volts DC

4            GND                  Signal ground

- Connector type: 4-pin minicircular

- Total length of all cables not to exceed 5 m (16 ft.)



Modem and Printer Ports
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Pin          Signal name          Signal description

1            HSKo                 Handshake out

2            HSKi                 Handshake in/external clock

3            TXD-                 Transmit data -
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4	GND	Signal ground
5	RXD-	Receive data -
6	TXD+	Transmit data +
7	NC	General purpose input*
8	RXD+	Receive data +

- Connector type: 8-pin minicircular

SCSI Port (25-pin)

Pin	Signal name	Signal description
1	REQ/	Request
2	MSG/	Message
3	I/O/	Input/Output
4	RST/	SCSI bus reset
5	ACK/	Acknowledge
6	BSY/	Busy
7	GND	Signal ground
8	DB0/	Data bit 0
9	GND	Signal ground
10	DB3/	Data bit 3
11	DB5/	Data bit 5
12	DB6/	Data bit 6
13	DB7/	Data bit 7
14	GND	Signal ground
15	C/D/	Common/Data
16	GND	Signal ground
17	ATN/	Attention
18	GND	Signal ground

19	SEL/	Select
20	DBP/	Data parity
21	DB1/	Data bit 1
22	DB2/	Data bit 2
23	DB4/	Data bit 4
24	GND	Signal ground
25	TPWR	Terminator power

- Connector type: DB-25

- Total length of all cables not to exceed 6 m (20 ft.)

WARNING: The SCSI port uses the same type of connector as a standard RS-232, DB-25 serial interface, but it is different electrically. Do not connect any RS-232 device to this connector. Doing so can result in damage to both the device and the Macintosh Classic.

Sound Input Jack

There is a sound input jack on the back of the computer for connecting an external microphone or other sound source. The sound input jack accepts a standard 1/8-inch phone plug, either monophonic or stereophonic (two signals plus ground).

The sound input jack accepts either the external microphone for the Macintosh Color Classic or a pair of line-level (amplified) signals. When the user selects the corresponding input device in the Sound control panel, the computer sets the gain appropriately. The internal circuitry mixes the pair of stereophonic signals into a monophonic signal.

Note: The Macintosh external microphone requires power from the main computer, which it obtains by way of an extra-long plug that makes contact with a 5-volt pin inside the sound input jack.

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