

TRS-80® Printer Interface Selector

Catalog Number 26-1498



Congratulations for selecting this Radio Shack Computer product!

The **TRS-80® Printer Interface Selector** can be used with any TRS-80 Computer or Data Terminal that has Parallel Printer Interface capabilities. You'll want the Selector if you have:

- Two Computers that need to share one Printer.
- One Computer but need to use two different Printers.
- Two Computers that need to share two Printers.

If any of these describe situations you've been faced with, our Printer Interface Selector is just the tool you need!

For instance, both a TRS-80 Model 16 and a DT-1 which is connected to the Model 16 can use the same Printer without switching cables — just flip the Selector Switch instead!

Or, you can have a Model III connected to a Daisy Wheel II (for letter-quality print-outs) and a DMP-500 (for faster printing) without switching cables when you change printers!

To use the Printer Interface Selector, you'll need the proper cables.

Computer-to-Selector	Cable Catalog #
Model I/III	26-1401
Model II/16	26-4401
DT-1	26-4401

Selector-to-Printer	Cable Catalog #
All Radio Shack Parallel Printers	26-4401

The Printer Interface package contains a:

- Selector
- Power Supply

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Connecting the Printer Interface Selector To a TRS-80

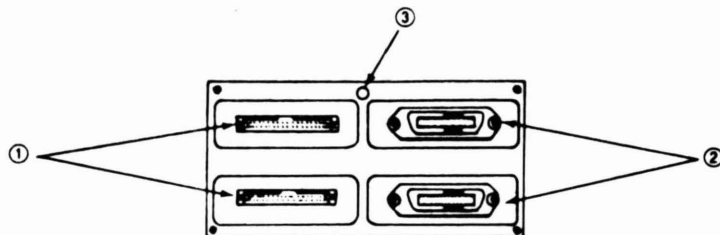


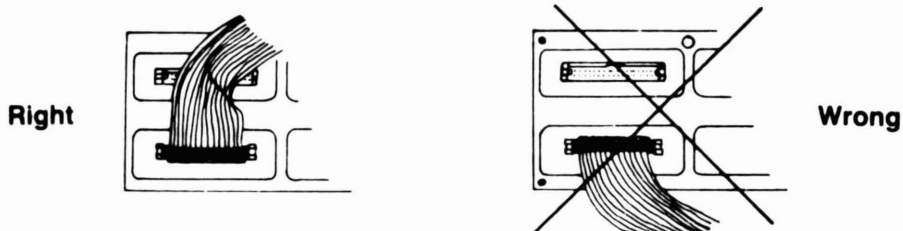
Figure 1. Printer Interface Selector (Rear View)

- ① **Printer Connectors.** Connect the 26-4401 cable from the Parallel Printer you've labeled as Printer #1 to PRINTER 1; connect the cable from Printer #2 to PRINTER 2.
- ② **TRS-80 Connectors.** Connect the appropriate cable from a TRS-80 Computer or Terminal you've labeled as Computer #1 to COMPUTER 1; connect the cable for Computer #2 to COMPUTER 2.
- ③ **AC Power Supply Connector.** Connect the Power Supply included with this package to this connector. Use this Power Supply only.

Before making any connections to the Selector, be sure all System components are OFF.

1. Connect the TRS-80s to either the Selector's COMPUTER 1 or COMPUTER 2 connector.
2. Connect the Printers to the Selector's PRINTER 1 or PRINTER 2 connector.

Note: Once the Printer Cables are connected to the Selector, be sure you've inserted the connector so it exits to the top from the plug.



3. Connect the Power Supply to the Selector and plug it into a wall-outlet or approved power strip such as the PLUG-IN POWER STRIP (61-2619) or the AUTOMATIC POWER CONTROLLER (26-1429).

The Power-On Indicator (on the Front Panel) will then light up.

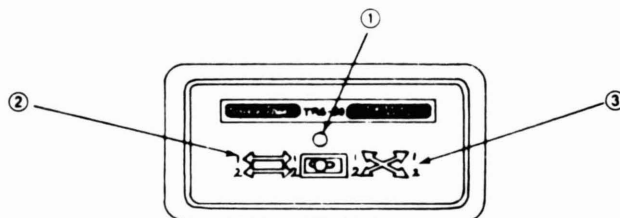


Figure 2. Printer Interface Selector (Front View)

- ① **Power On Indicator.** When the Power Supply is properly connected, this Indicator will illuminate.
- ② **1 ←→ 1 Selector.** When the TRS-80 which is connected to COMPUTER 1 is to use the Printer which is connected to PRINTER 1, set this Selector to the left.
2 ←→ 2
- ③ **1 ↗ ↘ 1 Selector.** When the Computer, which is connected to COMPUTER 1, is to use the Printer which is connected to PRINTER 2, set this Selector to the right.
2 ↗ ↘ 2

Specifications

Power Requirements 15VAC at 300 mA

4¾"(H) x 7½"(L) x 3¾"(D)

12cm(H) x 19cm(L) x 9.5cm(D)

Environmentals

Temperature 55° to 110°F (13° to 43°C)

Humidity 10% to 80% relative, non-condensing

Printer Output J2, J4

Pin	Signal Name	Pin	Signal Name
1	STROBE*	18	GND
2	GND	19	ACK* (NI)
3	DATA 1	20	GND
4	GND	21	BUSY
5	DATA 2	22	GND
6	GND	23	PE
7	DATA 3	24	GND
8	GND	25	BUSY*
9	DATA 4	26	PRIME*
10	GND	27	GND
11	DATA 5	28	FAULT*
12	GND	29	Not Connected
13	DATA 6	30	Not Connected
14	GND	31	GND
15	DATA 7	32	Not Connected
16	GND	33	GND
17	DATA 8	34	Not Connected

Computer Input J3, J5

Pin	Signal Name	Pin	Signal Name
1	STROBE*	19	GND
2	DATA 1	20	GND
3	DATA 2	21	GND
4	DATA 3	22	GND
5	DATA 4	23	GND
6	DATA 5	24	GND
7	DATA 6	25	GND
8	DATA 7	26	GND
9	DATA 8	27	GND
10	ACK* (NI)	28	GND
11	BUSY	29	GND
12	PE	30	GND
13	BUSY*	31	PRIME*
14	GND	32	FAULT*
15	GND	33	GND
16	GND	34	Not Connected
17	GND	35	Not Connected
18	Not Connected	36	Not Connected

NI = Not Implemented

Note: These pin descriptions are listed according to Radio Shack's new printer's standards. Printers which conform to previous standards may not recognize all of these signals.

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