

Serial Interface Board

Thank you for purchasing the Serial Interface Board.

Before use, read the *User's Manual* for installation and printer set up and the *Page Printer Reference Manual* for protocols.

The RS-232C/422A serial interface connects through a male DB25 connector.

No special setup is needed to use the RS232C or RS422A except cable connection including the following signal:

The RS422A interface is effective up to 1200m.

The table below shows the connector pin assignments.

Pin no.	RS232C Signal name	RS422A Signal name	Direction	Description
1	FG	FG		Frame Ground
2	TD	(TD)	Out	Transmitted Data. This pin carries information from the printer to the computer.
3	RD	—	In	Received Data. This pin carries information from the computer to the printer.
	—	RDA	In	Received Data A. This pin and RDB (pin 18) carries information from the computer to the printer.
4	RTS	(RTS)	Out	Request to Send. Enters the space state when the printer is ready to transmit data.
5	(CTS)	(CTS)	(In)	Clear to Send. Enters the space state when the host is ready to receive data.
6	DSR	(DSR)	In	Data Set Ready. Enters the space state to indicate the printer can receive or transmit data. Connection of this pin is optional.
7	SG	SG		Signal Ground.
8	(CD)	(CD)	(In)	Carrier Detect. Enters the space state to indicate the printer can receive data.
9	(IDA)	TDA	Out	Transmitted Data A. This pin and TDB (pin 10) carries information from the printer to the computer.
10	(IDB)	TDB	Out	Transmitted Data B. This pin and TDA (pin 9) carries information from the printer to the computer.
11	RC	(RC)	Out	Reverse Channel. Available as a printer-ready signal. Not used in the standard interface.
18	(RDB)	RDB	In	Received Data B. This pin and RDA (pin 3) carries information from the computer to the printer.
20	DTR	(DTR)	Out	Data Terminal Ready. Enters the space state to indicate the printer is ready to receive or transmit data. Connection of this pin is optional.

Direction "In" denotes a signal from the computer to the printer. "Out" denotes a signal from the printer to the computer.

**Federal Communications Commission
Radio Frequency Interference Statement
for United States Users**

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measurements:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

FCC WARNING: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

(This equipment has been tested as CA04339-C801 of the model number.)

Notice for Canadian Users

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.