

Computer Connections

GageWay Pro Interfaces

Nov 2022

GageWay Interfaces

MICRORIDGE

*Measurement Collection Specialists
Connect Any Gage into Any Software*

Output Ports

Pro2 model

- Two output ports
 - USB serial
 - USB keyboard wedge



Pro4 & Pro8 models

- Three output ports
 - USB serial
 - USB keyboard wedge
 - RS-232 serial (DB9 female)



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USB ports

USB serial

- Connection to computer powers the Pro interface
- Use with PC-based SPC / Quality programs designed to accept data from external gages
- Bi-directional port
 - Send software command to gage
 - Send data from gage to software

USB keyboard wedge

- Connection to computer powers the Pro interface
- Use with programs not designed to accept data from external gages
 - Spreadsheets (Excel)
 - Databases (Access)
 - Statistical (Minitab)
 - Web / cloud applications

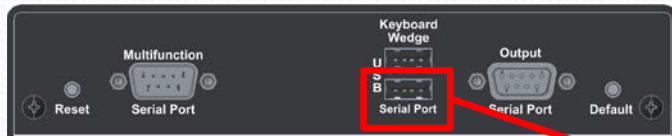
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USB connection

Serial Port



Keyboard Wedge



Power Source
& Data Transfer



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RS-232 Serial Port

- Pro4 and Pro8 models only
 - DB9 female connector
- Provides same functionality as the USB Serial Port
 - For PC-based SPC / Quality programs
 - Bi-directional port
- Requires USB Power Kit to power the interface
 - Additional item - see following slides



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Power Kit

- Includes two items required to connect and power the Pro interface when using the RS-232 Serial Port output
 - USB power adapter and DB9 Serial cable (6ft, m-f)
 - Use USB cable included with all Pro interfaces to connect to power adapter
 - International Power Kits available – see MicroRidge website

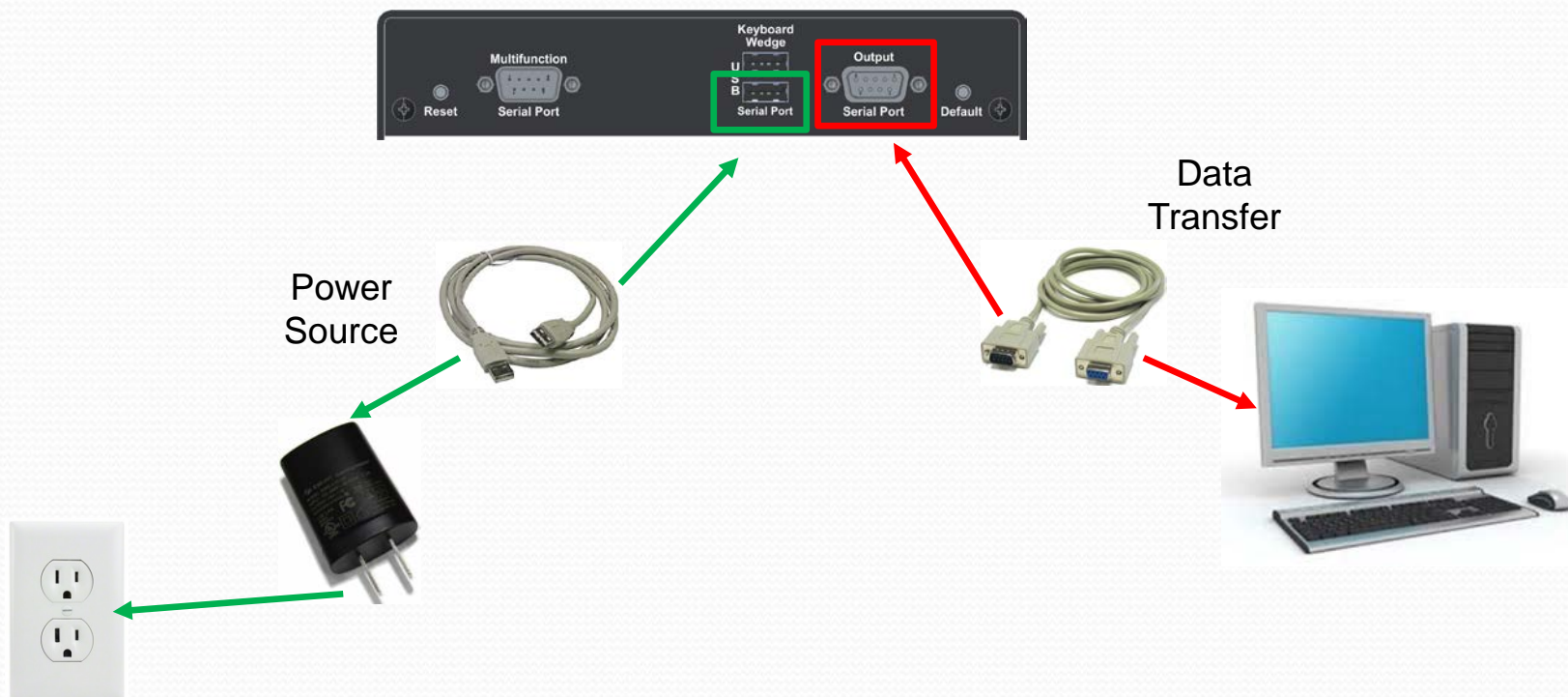


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RS-232 Serial Connection



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Final Thoughts

- **USB outputs** – recommended
 - Connection powers the interface and provides data transfer function
 - USB Serial output for SPC / Data Collection software
 - USB keyboard wedge for Excel, Access, Minitab, & web-based applications
- **DB9 Serial output** – alternative
 - Same output as on discontinued GageWay Plus and GageWay Mx interfaces
 - Provides same functionality as the USB Serial Port
 - Requires USB Power Kit



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