

2 and 4-Slot USB/LXI Modular Chassis from Pickering Interfaces

Compact, Low Cost Switching Solutions for a Wide Variety of Applications



- Fully LXI Compliant
- Remote Control via USB3, Ethernet LXI or Optional Wi-Fi
- Compact Form Factors Ideal for Portable, Benchtop and Space Restrictive Applications
- 3-Year Warranty

1000+
Pickering
PXI Modules

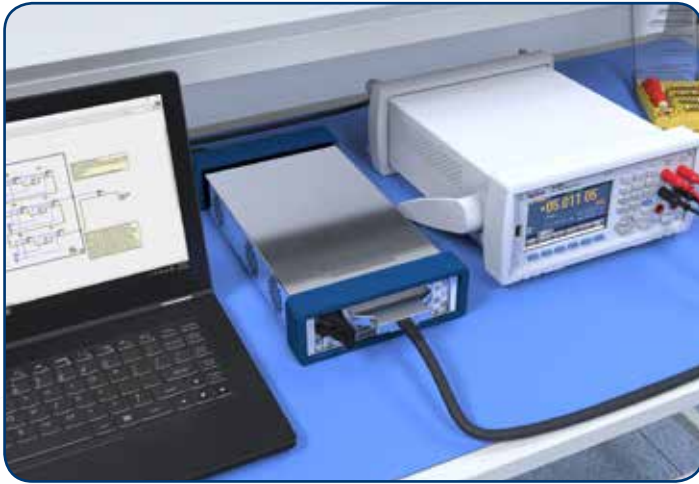
- Both chassis accept virtually any of Pickering's 1000+ PXI modules including:

- General Purpose Relays
- Cross-point Matrices
- Multiplexers
- Programmable Resistors
- Thermocouple Simulators
- RF Switching to 6GHz
- Microwave Switching to 65GHz
- Digital I/O
- Optical Switching
- Mix & Match for Your Application



Switching | Simulation | Programmable Resistors | Custom Design | Connectivity & Cables

2-Slot USB/LXI Modular Chassis (60-104)



Our 2-Slot Chassis is perfect for small to medium benchtop Test & Measurement applications.

Application Examples:

- 200 General Purpose 1A Relays
- 1104 Cross-point 0.5A Matrix
- 396 Channel 1A Multiplexer
- 36 Programmable Resistor channels
- 32:1 Terminated 600MHz MUX
- 8 Channel Optical MUX
- 64 in/64 Out Digital IO

or Mix & Match for Your Application

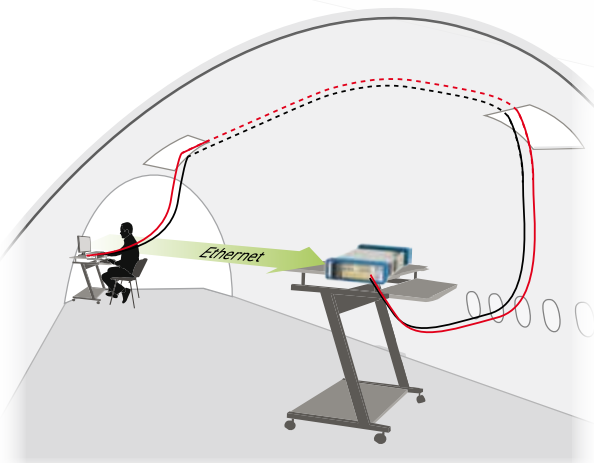
Rubber bumpers are provided to protect the chassis from damage when used on a benchtop.



Horizontal rack-mounting only takes up 1U of rack space.



May be mounted vertically inside a test rack using optional magnetic/screw mounting brackets.



Ideal for remote switching requirements. The above illustration shows a 2-Slot Chassis providing a remote-controlled loop-back for aircraft cable testing.



Up to one day's operation can typically be achieved when powered by a 20V high-capacity battery pack.

4-Slot USB/LXI Modular Chassis (60-105)



Our 4-Slot Chassis is designed to fit alongside half-rack width instrumentation, such as a DMM, and can also be used for portable and benchtop applications.

Application Examples:

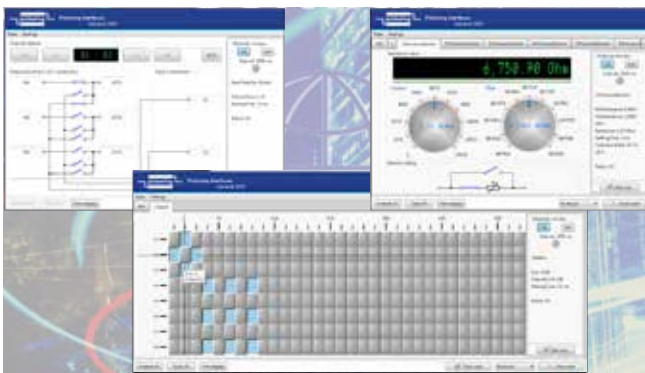
- 80 General Purpose 10A Relays
 - 2048 Cross-point 1A Matrix
 - 96 Channel 1000V Multiplexer
 - 128 Channel Thermocouple Simulator
 - 296 Channel 2A Fault Insertion Switch
 - 6 SP6T 40GHz Microwave MUX
 - 128 Channel 100ohm Differential MUX
- or Mix & Match for Your Application**



Rubber bumpers are provided to protect the chassis from damage when used on a benchtop.



4-Slot USB/LXI Modular Chassis Front Panel



Manual control of all switching and simulation modules in the 2 and 4-slot chassis is enabled via a web-browser Soft Front Panel.



Our HTML5 SFP also allows control of our modules via tablets and other mobile devices.

2 and 4-Slot USB/LXI Modular Chassis



Software Development

We provide open software development interfaces allowing the freedom to create different test scenarios using a wide range of development environments.

PXI Module Compatibility

Our 2 and 4-Slot chassis support the following Pickering PXI Modules:

Switching - Virtually all 3U Pickering PXI Switching modules, including (but not limited to) all 2 and 4-slot 3U BRIC matrices, featuring up to 2208 crosspoints.

Simulation - All Pickering PXI Programmable Resistor and Potentiometer modules offering up to 72 channels, RF Attenuators, Digital I/O and other Simulation modules.



Accessories

Replacement 19V DC power supply, Wi-Fi dongle and a selection of mounting hardware.

To download the full data sheet and manual or to learn more about our 2 and 4-Slot Chassis, please go to pickeringtest.com/2slot or pickeringtest.com/4slot, or contact your local Pickering office or representative.



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