# PDU 4/4

## QUICK START GUIDE

*Thinklogical's*® **PDU 4/4 Power Distribution Unit** is an AC Power Switch that remotely controls power to up to eight devices per unit.

The **PDU 4/4** communicates with its control terminal using a serial interface and provides control to all devices with simple commands to turn power off or on to reboot any one port, multiple ports, port groups or all devices.

- *Power restarts can be sequenced using programmed time delays to minimize surge or allow drive spin-up time.*
- *Your configuration can be easily expanded with one serial cable for each PDU 4/4 unit added .*
- *A single serial interface integrates the control of all PDU 4/4s in your application.*
- *Up to sixteen PDU 4/4s can be cascaded together to control multiple systems from one common user interface.*
- *Each outlet individually switches up to 10 Amperes maximum with each bank rated at 15 Amperes total.*
- *Each PDU 4/4 utilizes two banks of four outlets and rear panel LEDs display the status of each port.*
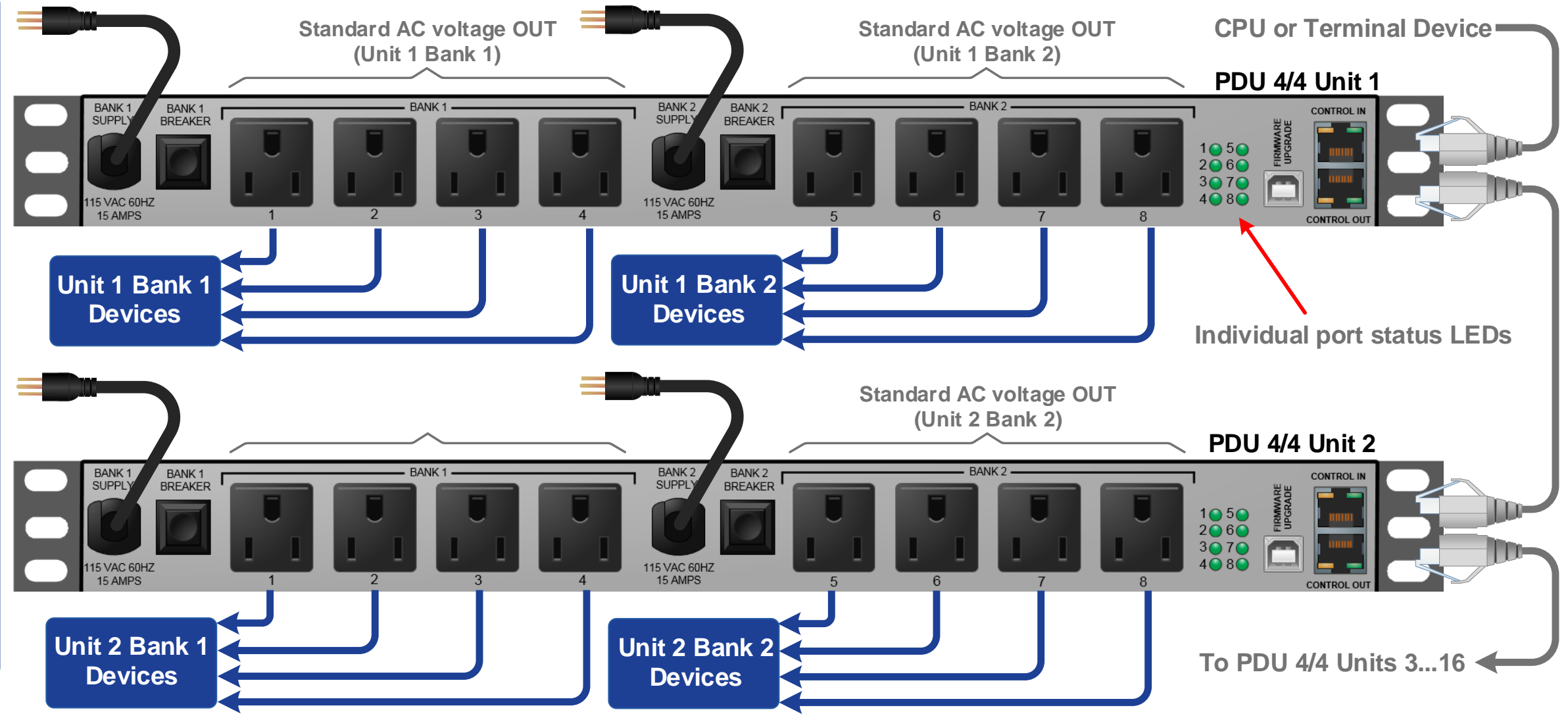
### Each PDU4/4 system includes the following features:

- Eight individually-controlled AC power outlets
- Dual 15 Amp (max) circuits, four outlets per circuit
- Redundant DC power supplies for built-in I/O and control circuits
- Individually programmable Reboot Time Delay on each outlet
- Solid state zero-crossing relays to minimize power spikes
- Easily expandable configuration
- Password Security
- User-definable Port Names and Port Groups
- Front panel display for easy system set up and configuration
- Current monitoring of each port.

The **PDU 4/4** is designed for desktop or 19" rack mounting (1U).

**Software updates available at**

https://www.thinklogical.com



Standard AC voltage OUT (Unit 1 Bank 1)
Standard AC voltage OUT (Unit 1 Bank 2)
CPU or Terminal Device
PDU 4/4 Unit 1

Unit 1 Bank 1 Devices
Unit 1 Bank 2 Devices

Individual port status LEDs

Standard AC voltage OUT (Unit 2 Bank 2)
PDU 4/4 Unit 2

Unit 2 Bank 1 Devices
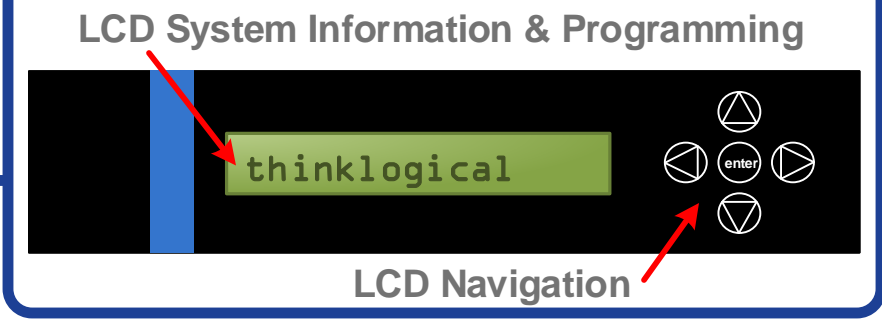Unit 2 Bank 2 Devices

To PDU 4/4 Units 3...16

*Once connected to the PDU 4/4's* **CONTROL IN** *serial port, the following access and programming commands may be used:*

Press 'Enter' on the keyboard to establish communication. Your display will show "**Password:**" The factory-set password is **pass** and may be changed by the System Administrator. When Logged In, the command prompt will show "**PDU 4/4>**". Commands are executed from the Serial Terminal.

- The **on** command is used to **turn on a port or group of ports**. *Any port may be referred to by either Port Numbers or Port Names. All ports with identical port names will be turned on together (as a Port Group).*
- The **off** command is used to **turn off a port** or **group of ports**.
- The **reboot output** command is used to **'reboot' a server or device by cycling power to a port or ports**. *Refer to the user's manual for further commands.*

The front-panel LCD display should be visible and accessible for system setup. The front panel buttons are used to configure the unit and to review existing PDU 4/4 configurations.

**LCD System Information & Programming**

thinklogical

**LCD Navigation**



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**PDU 4/4**

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