Niño Low-Voltage Power Panel - Installation Instructions

Niño Low Voltage Powe Panel is designed specifically for Custom Integrators to offer maximum flexibility for installation. It is a power distribution device offering up to 18 individual 12 Volt DC outputs for rack equipment, eliminating the need for the "wallwart" power supplies that eat up valuable space. It can be rack, shelf, or wall mounted, and is only 1 U tall to save space in the rack.

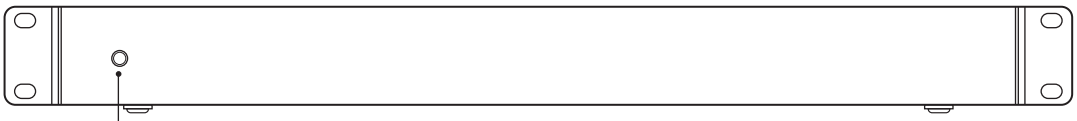
Note: This product does not offer any line- level surge suppression or noise filtration. Outputs are protected by auto-resetting PTC fuses that will protect the unit from overloaded connections or short circuits.

Parts in the box

(1)-PSU(Power supply unit)	(2)-Large rack ears
(1)-Owner's Manual	(8)-Rack ear screws
(4)-Rubber feet	(1)-Lacing bar and screws
(1)-Spare main fuse	(2)-Spare 2-pole Phoenix connectors
(2)-Small rack ears	(1)-Detachable 4 foot IEC power cord

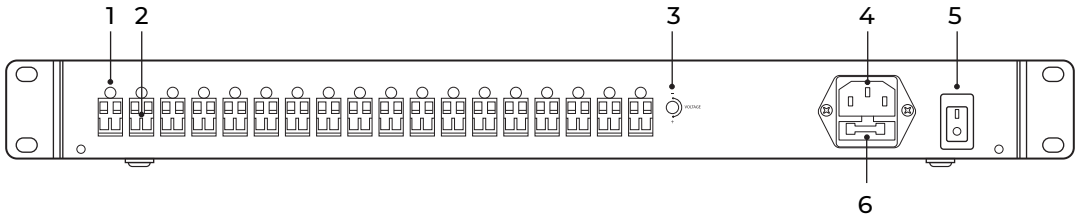
Connections And Controls

Front Panel



Power Status LED Indicator- Blue= Power is on. Off= Master Power Switch is off or power is disconnected.

Rear Panel



1. Output Status LEDs- Green = Channel is operating; Off= Channel is short-circuited or overloaded.

2. Detachable 2 Pole Phoenix Connector - route power to equipment using any solid or stranded conductor sized 12-24AWG.

3. Voltage Output Adjustment - adjust voltage from 12V to 14V DC (Preset to 12.5VDC). See next page for adjustment instructions.

4. Detachable power cord inlet - Connect any length IEC cord to provide power from an outlet. Use the locking clip to prevent the cord from being accidentally detached.

5. Master Power Switch - Rocker Switch to· control power to the unit.

6. Main Power Fuse - Replaceable fuse for main power circuit. One spare included.

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Installation and Operation

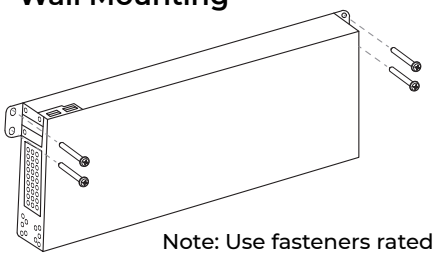
Mount the PSU:

A. Install into a rack using four rack mount screws (not supplied) through the rack mount holes and into the rack rails.

B. For wall mounting, use the short rack ears and 4 screws rated for the wall material (not included) to secure the power supply as illustrated.

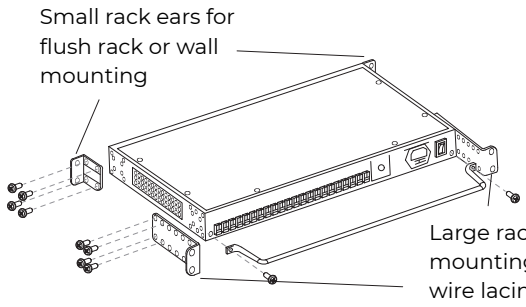
C. The unit may also be set on a shelf with the equipment to be controlled (not pictured). The included rubber feet should be attached to the bottom of the unit at all 4 corners for shelf placement.

Wall Mounting



Note: Use fasteners rated for use to hold at least 10 lbs. in the wall material.

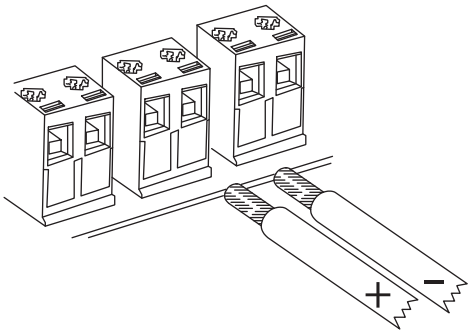
Rack Mounting



2. Plug the power cord into a standard, 3-wire, grounded 110V AC, 60 Hz. outlet. Verify power is coming to the unit by turning a switch to "On" and visually checking if the switch is illuminated on the front panel. If this light does not illuminate and power is present, consult a qualified electrician to examine the outlet's wiring.

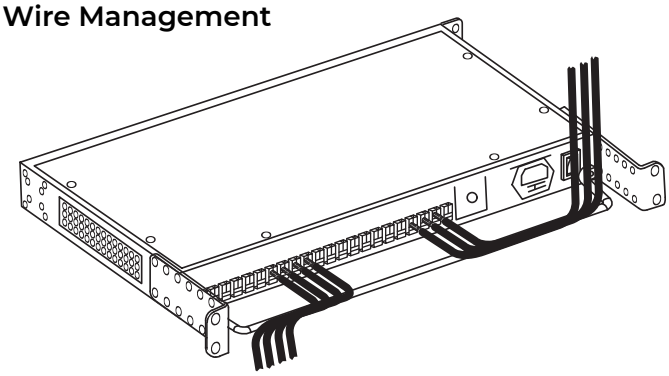
3. Connect equipment. Run power lead wires to the power supply location from equipment and terminate each connection, making sure to connect the positive and negative leads correctly.

Wire Termination



Strip ¼" of insilation and twist stranded conductors.
Ensure that no strands touch between conductors.

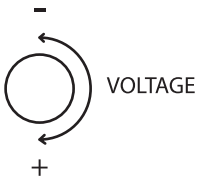
Wire Management



4. Once all connections are made, the AC input can be connected. Attach the included power cord clip to the loops by the power cord and clip onto the power cord to secure.

5. Check the operation of all connected equipment. If devices are not properly functioning, test the voltage drop between the + and - wire with the devices connected and powered on.

Voltage Adjustment



Default Voltage: 12.5V DC

Adjust the voltage attenuation knob ONLY if voltage drop is encountered on ALL outputs and is affecting the operation of equipment.