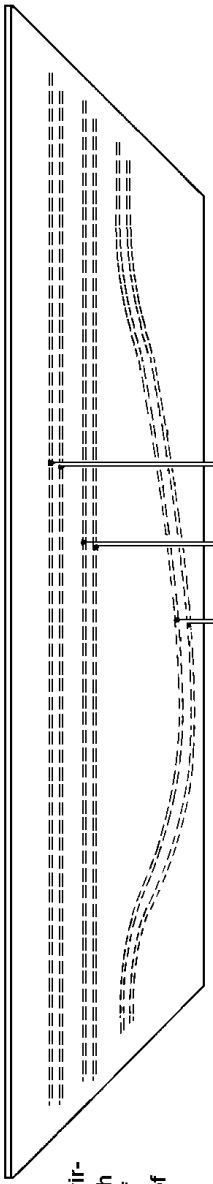


Use #22 to #24 ga *solid* wire soldered to the outside of rails for connection to track power leads. "Solder terminal strips" make an easy to troubleshoot connection point. Use as many power feeds per track as needed.

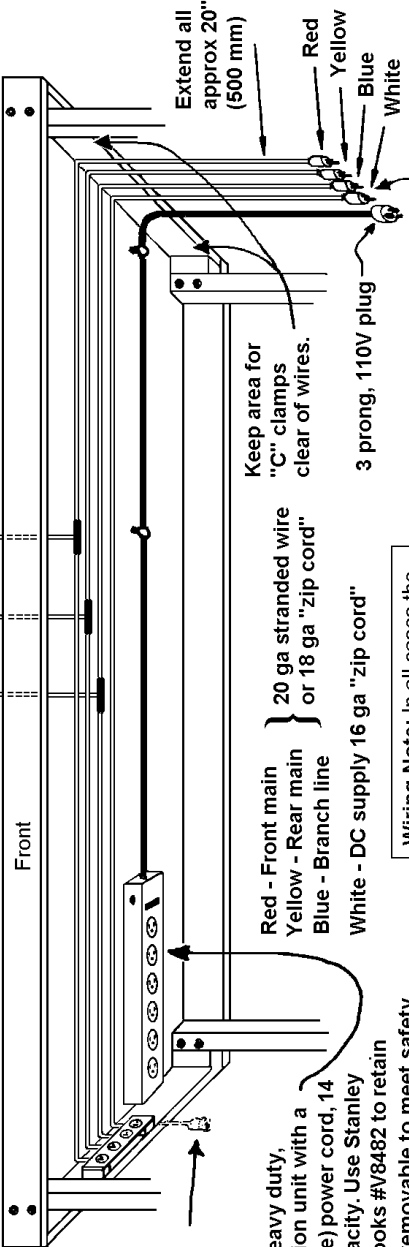


**NOTE:** A single large power supply is used with the many throttles on large layouts. The three tracks **MUST NOT** have any common connection. **DO NOT** use "COMMON RAIL" wiring. Gaps must be used on both rails on any crossover tracks. If the three main tracks are part of a yard, it must be possible to isolate them electrically.

Keep sockets and outlet in center 12" (305 mm).

TRW - Cinch #S-302-AB chassis socket. Optional; #S-302-CCT or Radio Shack #274-202 on short length wires.

Use UL approved heavy duty, multi outlet, extension unit with a grounded (three wire) power cord, 14 ga wire, 15 amp capacity. Use Stanley 1-1/4" Safety Cup Hooks #V8482 to retain cord. Unit must be removable to meet safety codes. Wiring is subject to inspection by safety officials at public gatherings. If built in, 110V wiring must meet National Electric Code for Temporary wiring, or any stricter local codes.



Extend all approx 20" (500 mm)

Red  
Yellow  
Blue  
White

TRW - Cinch #P-302-CCT or Radio Shack #274-201

2 pin connectors are used to allow isolation of any track for trouble shooting and to place throttles and blocks at any module.

Keep area for "C" clamps clear of wires.

3 prong, 110V plug

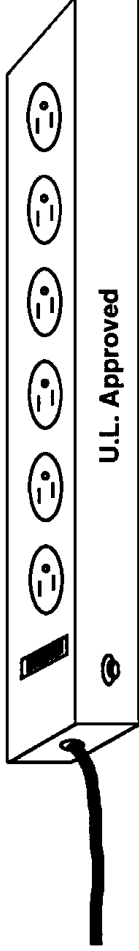
Red - Front main  
Yellow - Rear main  
Blue - Branch line  
White - DC supply 16 ga "zip cord"

**Wiring Note:** In all cases the #1 pin (wide) goes to the rail closest to the front. On the White line the #1 pin is + DC.

Twin conductor lamp code (zip cord) has a rib pattern for one side. Use for wide pin for easy checking.

**NOTE:** For safety, a GFI (Ground Fault Interrupter) circuit breaker is recommended in the 110 line powering a layout.

Use paint or colored tape to color code connectors.



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