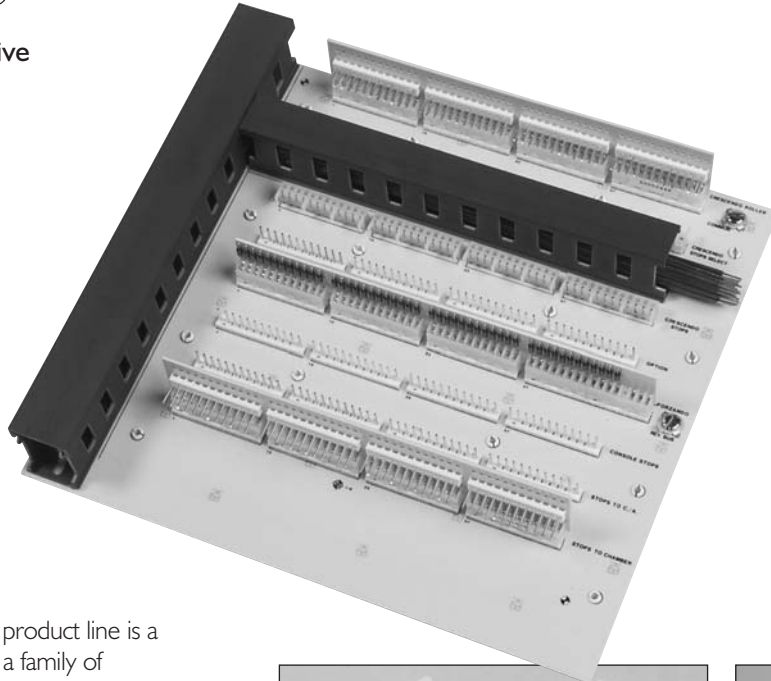


# Junctions, Connectors & Wiring Harnesses

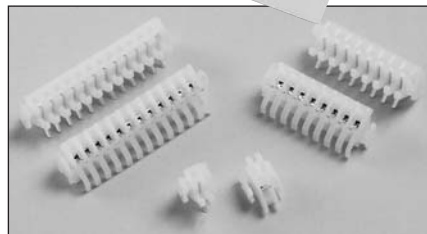
A Peterson exclusive



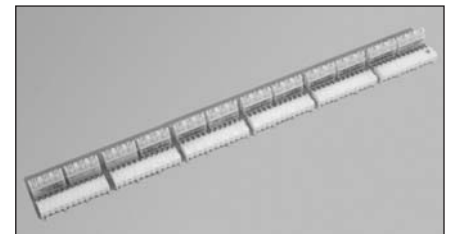
The foundation of Peterson's product line is a proprietary cabling method and a family of disconnectable junctions and connectors that literally revolutionized the manufacture of modern pipe organs. This concept greatly improves the practicality of completely assembling, wiring, testing and troubleshooting a pipe organ at an organ builder's facility before moving the organ to its installation site.

A highly efficient method of wiring each cable and then soldering several dozen connections simultaneously at the Peterson factory allows organbuilders to skip the once necessary but mundane task of wiring organs in their shop or on location. Compact cables are included with Peterson Master Touch II™ Keyboards, Modular Key Contact Assemblies and Expression Shoes & Contact Assemblies. Custom cables are also available for wiring control systems to pistons, stops and chests: often at a cost lower than making them in your own shop.

Peterson Stop Junction (*shown above*) and Key Junction motherboards are available in various lengths and numbers of rows. Key Junctions accommodate keying cables in from the keyboard and out to the switching system and include extra circuits for pistons and shades. Stop Junctions serve as a common connection point for stop actions, combination action, sforzando, crescendo, and the switching system. All rows are arranged in octave groups of twelve and labeled for clear identification. Other junction boards are custom sized for a variety of applications and are generally included on Peterson control system panels as well as being available separately.



E-Z Wire™ connectors are available in 12, 8 and 1 circuit sizes.



A typical Quick Punch™ connector board.

Three different types of cable-end connectors may be plugged onto junction motherboards. Peterson E-Z Wire™ plastic connectors in 12, 8, and 1-circuit sizes may be snapped together to form longer connector strips for use with all Peterson equipment. E-Z Wire connectors are custom designed and manufactured for Peterson and include provisions for guiding and bundling magnet wire conductors neatly and securely. When PVC insulated conductors such as telephone industry cable is to be used, we recommend our "Output Connectors"; compact circuit boards designed to create a disconnectable cable end. Output Connectors include holes near the top edge for lacing individual wires in a manner similar to traditional organ spreaders and are available in various lengths. Peterson Quick Punch™ unpluggable Insulation Displacement Connector boards are now available for those who prefer the "punch down" method of wiring.

For more information about Peterson's exclusive junction and cabling systems, please contact our customer service department.