



*Simply Advanced Control
Laser Diode Drivers & Temperature Controllers*

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Compact Chassis Mount Temperature Control to 20 A

Precise, Stable Companion Control for the PLD-CH Series Laser Diode Drivers

Just Released! The new PTC-CH Series Temperature Controller offers high precision control and excellent stability in a compact, chassis mount package that can be paralleled to drive up to 20 A current. Designed to operate with the PLD-CH Series Laser Diode Drivers, their controls, connections, and status indicators are compatible.

The PTC-CH supports thermoelectric and Resistive Heater operation with all sensor types. It provides user configurable temperature setpoint and a TTL-compatible remote disable. Adjustable Proportional Gain and proprietary control circuitry make optimization easy – even for large loads with thermal lag. A failsafe setpoint default feature protects the PTC-CH and the load against unexpected remote setpoint failure.

With current up to 20 A, better than 1 mV accuracy, and temperature stability across ambient of better than 1.4 mKelvin, the PTC-CH Series is ideal for precision control in applications such as electro-optical systems, benchtop inspection instruments, and medical diagnostic equipment -- anywhere that temperature stability is critical and space is tight.

Wavelength Electronics has simplified advanced laser diode drive and thermal control technology for OEM and research applications since 1993. Our high performance specifications are supported by a team of experienced sales and design engineers and a top-notch manufacturing facility. Evaluation quantities are typically available from stock.

To learn more about the PTC-CH Series, the PLD-CH Series and Wavelength's complete line of high precision, low-noise, ultra-stable laser diode drivers and temperature controllers, call 406-587-4910, email sales@teamwavelength.com or visit our website, www.teamwavelength.com.