

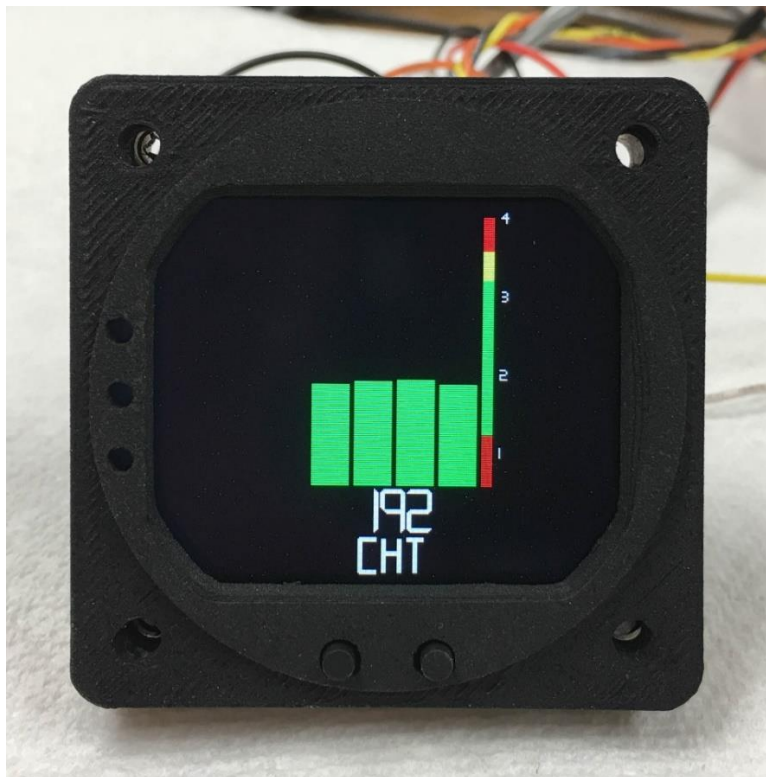
# RADIANT TECHNOLOGY

## 4 Channel EGT / CHT

last revised July 18, 2018

*This simple engine instrument provides 4 channels of engine temperature information in one easy to see, high visibility, color display. Each of the four channels is shown in bar form, with color changing as temperature increases. The highest of the four temperatures is also shown in numeric form. Color ranges are calibrated to engine type.*

*Three types of this gauge are available: quad CHT; quad EGT; and 2+2 CHT and EGT. Probes are available for Rotax, ULPower, and Lycoming / Continental engines or any engine using standard J or K thermocouple probes.*



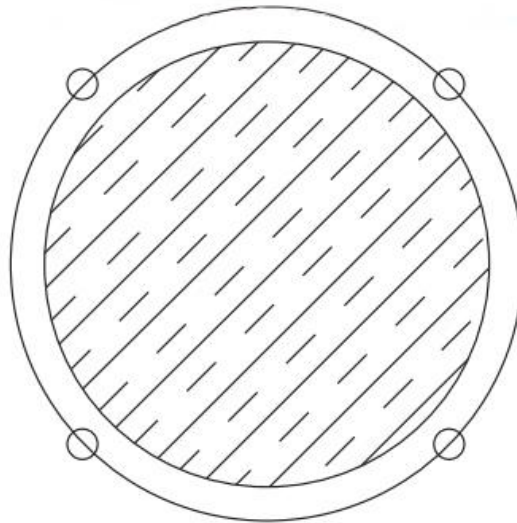
*4 Channel Temperature Gauge; CHT shown. Unretouched screen photo.*

- **FEATURES & SPECIFICATIONS**

- Brilliant, daylight readable Radiant display
- Simultaneous view of four temperature channels
- Highest channel shown in numeric form
- Color coding as to current condition (cold / normal / caution / redline)
- Easy Installation
- Standard +12V power supply
- Initial factory calibration +/- 2 degrees Fahrenheit
- Harness and probe package available
- Installs in any 2.25" cutout

## INSTALLATION

- Install display head in any available 2.25" standard cutout.



2.25" Main Cutout. Four 0.170" mounting holes are on 2.625" diameter circle. Inner circle is 2.25".

*Standard 2.25" cutout*

- Install dimming potentiometer, if desired.
- Install 4 channel interface module in the cockpit.
- Route harness from 7 pin connector on display head to 4 channel interface module.
- Route thermocouple sensor leads to engine through firewall. Observe polarity of sensors when attaching to interface module.
- Sensors may be tested using heater gun.

## OPERATION

- ✓ Observe temperatures; all are shown simultaneously.
- ✓ The hottest channel is shown numerically.
- ✓ Color of each channel corresponds to its temperature.

## PURCHASE OPTIONS

There are several purchase options.

- ✓ Radiant EMS 4 channel CHT Part # RCHT4-UL  
[Quad CHT for UL Power; includes unit, interface module, harness, 4 probes, CHT ranges preset to UL Power specs]
- ✓ Radiant EMS 4 channel EGT Part # REGT4  
[Quad EGT for any non-turbo aircraft; includes unit, interface module, harness, 4 probes]
- ✓ Radiant EMS 4 channel CHT/EGT Part # RCET4-UL  
[Dual CHT / Dual EGT for UL Power; includes unit, interface module, harness, 4 probes, CHT ranges preset to UL Power specs]
- ✓ Radiant EMS 4 channel CHT/EGT Part # RCET4-RO  
[Dual CHT / Dual EGT for Rotax; includes unit, interface module, harness, 4 probes, CHT ranges preset to Rotax 912ULS specs]
- ✓ Radiant EMS 4 channel CHT Part # RCHT4-LY  
[Quad CHT for Lycoming; includes unit, interface module, harness, 4 probes, CHT ranges preset to O235 specs]
- ✓ Radiant EMS 4 channel CHT Part # RCHT4-CO  
[Quad CHT for Continental; includes unit, interface module, harness, 4 probes, CHT ranges preset to O200 specs]
- ✓ Radiant EMS 4 channel CHT Part # RCHT4-NP  
[Quad CHT; probes not included]
- ✓ Radiant EMS 4 channel EGT Part # REGT4-NP  
[Quad EGT; probes not included]

We can configure the temperature settings of the unit at the factory to just about any reasonable value ranges. Please ask and we will help.

**DISCLAIMER: Products from RADIANT Technology are not designed to be used in applications where their failure would endanger safe flight or human life in any way. They are intended solely for use in VFR conditions. They are not certified to meet any Technical Standard Order and are not produced under a Parts Manufacturing Authority (TSO / PMA). As a result, they are suitable only for use in experimental and ultralight aircraft, and in Light Sport Aircraft, if meeting the requirements of the respective manufacture.**

**WARRANTY:** Your new RADIANT Technology instrument carries a one year warranty. Please contact us at [info@beliteaircraft.com](mailto:info@beliteaircraft.com) should your product need warranty service. International warranty service will be charged US\$50.00 for repairs, which includes return shipping after repair. Payment must be received before service begins.

**RETURN/REFUND INFORMATION:** Must be returned in new, resalable condition within 14 days.

**CONTACT:** [info@beliteaircraft.com](mailto:info@beliteaircraft.com), 316-253-6746 / RADIANT Technology/Belite Enterprises LLC, 8610 E. 34<sup>th</sup> Street N. Wichita KS 67226