

# Enclosures & Labels

## Examples of Enclosures & Labels

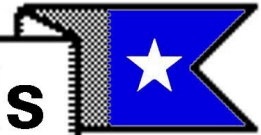


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Picture NSI 1....This Enclosure, Label and Electronics was designed for an Experimental Aircraft which controls the Navigation, Strobe and Instrument panel Lights....This Panel mounted Enclosure is approximately 7-3/8" W x 6" D x 1-1/2" H ....



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Picture NSI 2....Here is an internal view of the NSI 1 showing the two custom made PCB's. One on top of the other. Very Compact....

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Picture NSI 3....Here is the front of the NSI 1 showing the label.

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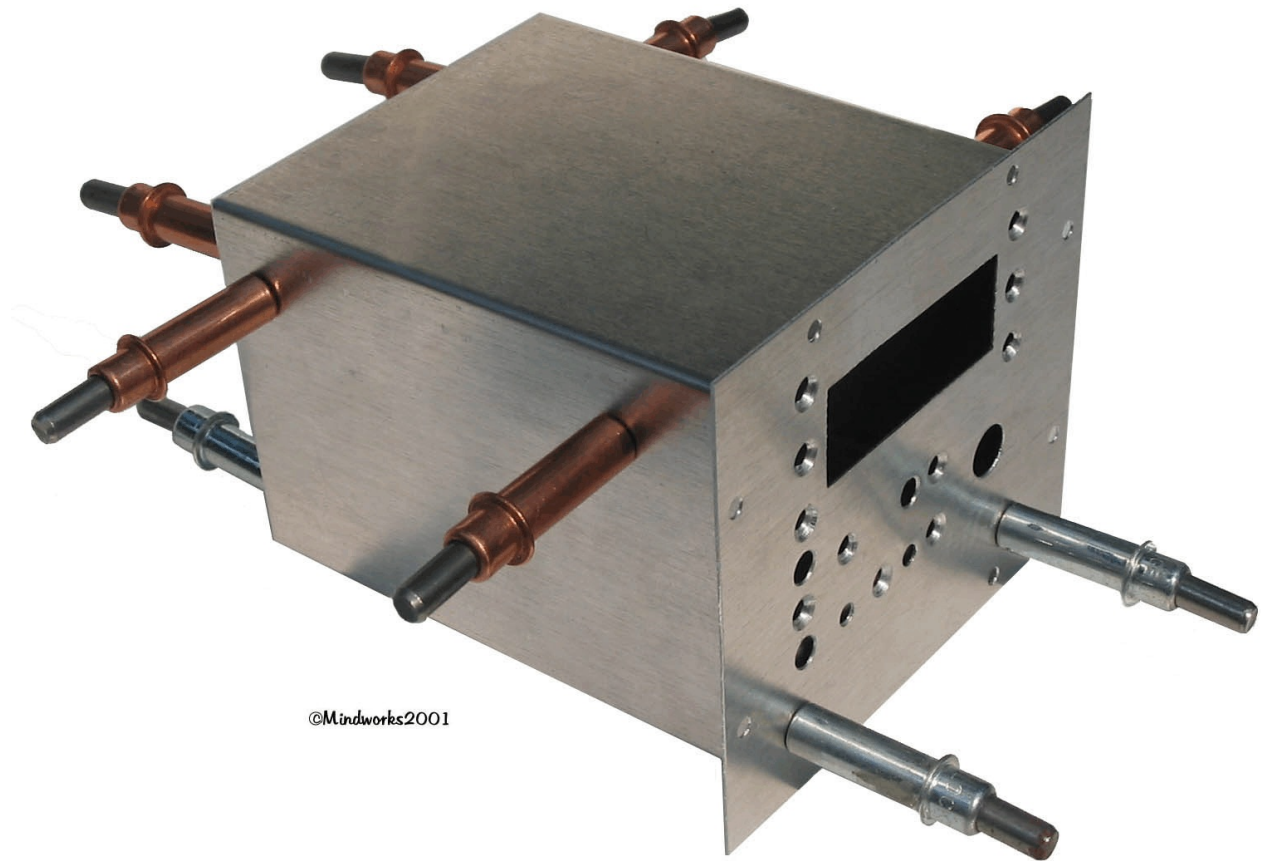
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Picture NSI 4....Here is another example of an Enclosure with the electronic components removed for final color coating. This enclosure is primed with green zinc chromate for corrosion resistance. The measurements are 3-1/2" W x 5-11/16" D x 2-3/4" H ....



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Picture NSI 5....This Enclosure is ready for final assembly and will have an LED Display as well as other Switches and pushbuttons. The Label will be added after the assembly is complete. The copper and silver pins are called clecos. They temporarily hold everything together until the screws and rivets are installed. The measurements are 3-1/2" W x 4-1/2" D x 3" H ....

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Picture NSI 6....Here is a picture of NSI 5 with the components and label installed. This unit was designed to control and regulate the Temperature of a Molded injection cylinder through the use of two SSR's rated at 110-220 Vac @ 50 amps each. Each SSR is coupled to a heater band. Temperature monitoring and control are by means of a Thermocouple unit and is adjustable from 32F -600F. All Microprocessor controlled. The Enclosure is Panel mounted.

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Picture NSI 7....This Photo shows the label used on the NSI 5 Enclosure. The LED Display when powered up is easily seen for different working and lighting conditions. The unit is small and lightweight.