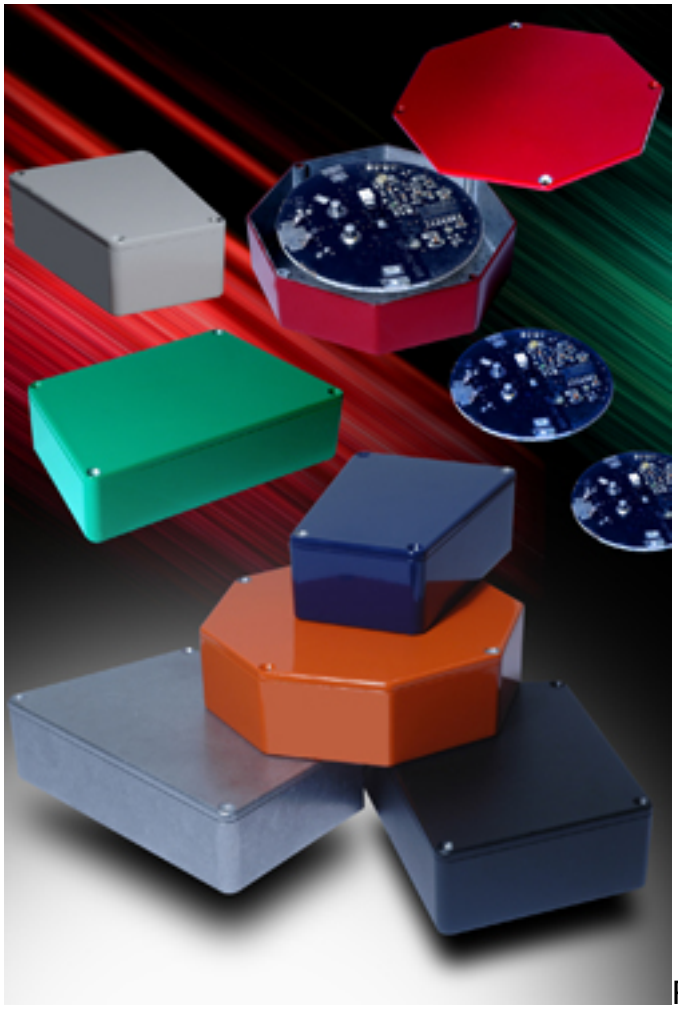
Die-cast enclosures serve audio and industrial applications



Responding to customer requests from several different sectors for die-cast enclosures to provide a strong and robust environmentally sealed housing with good EMC screening in a non-rectangular shape, Hammond Manufacturing has extended its popular 1590 family with the introduction of the 1590TRP and STP models. The first applications for the new shapes have been for audio equipment, guitar stomp boxes, industrial remote controllers, desktop switch arrays and hand-held test equipment controllers.

The octagonal 1590TRP is 5.23 inches, 133mm, across the flats and 1.54 inches, 39mm high; it will house a circular PCB up to 5.0 inches, 126mm, in diameter. The two 1590STP trapezoidal units are also 1.54 inches, 39mm, high; the smaller portrait format unit is 4.41 inches, 112mm, long, narrowing from 3.11 inches, 79mm, to 2.42 inches, 62mm; the larger landscape format one is 3.74 inches, 95mm, deep and narrows from 5.95 inches, 151mm, to 4.79 inches, 122mm. All three types are available in natural finish and in a smooth gloss polyester powder paint, which does not chip after machining and provides a good surface for labels and silk screening. The strong and vibrant painted colours are Black; Cobalt Blue, RAL 5013; Green, RAL 6024; Light Gray, RAL 7035; Orange, RAL 2009 and Red, RAL

3011. A lap joint seals the units to IP54, protecting against the ingress of dust and water, and the painted finish is only applied to the external surfaces, maintaining RFI integrity.

All units can be supplied factory modified with machining and silk screening to the user's specification; AutoCAD and PDF dimensioned drawings can be downloaded from http://www.hammondmfg.com/dwg_OctTrap.htm [1]

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