Powering this remarkable amplifier is the pioneering technology of DriveCore, which integrates the amplifier drive stage into the power output stage fusing everything into a chip the size of a dime. DriveCore’s front-end drive circuits leverage the inherent efficiency of Class D output stages while also maintaining superb sonic characteristics. The end result is an audio amplifier circuit that exhibits the exemplary audio quality of a highly evolved Class AB design.

- Flexible input routing
- Convection cooled
- Universal power supply
- Integrated Life-Safety Features
- Up to 8 x 125W in 1U chassis with no fan
- Patented feedback and protection circuits
- DriveCore technology provides >90% efficiency with no compromise in performance
- Amplifier is stable for 2Ω - 16Ω loads
- XFMR 4/8 needed for 70V/100V applications
- Flexible input routing
## Performance Specifications

<table>
<thead>
<tr>
<th></th>
<th>CT475</th>
<th>CT4150</th>
<th>CT875</th>
<th>CT8150</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Signal to Noise Ratio</strong>&lt;br&gt;(below rated power 20Hz to 20kHz, A-Weighted)</td>
<td>110dB</td>
<td>110dB</td>
<td>110dB</td>
<td>110dB</td>
</tr>
<tr>
<td><strong>Total Harmonic Distortion</strong>&lt;br&gt;(THD) (full rated power, 20Hz - 20kHz)</td>
<td>&lt;0.05%</td>
<td>&lt;0.05%</td>
<td>&lt;0.05%</td>
<td>&lt;0.05%</td>
</tr>
<tr>
<td><strong>Intermodulation Distortion</strong>&lt;br&gt;(from 0dB down to -30dB)</td>
<td>&lt;0.05%</td>
<td>&lt;0.05%</td>
<td>&lt;0.05%</td>
<td>&lt;0.05%</td>
</tr>
<tr>
<td><strong>Frequency Response</strong>&lt;br&gt;(at 1W into 4/8Ω)</td>
<td>± 0.5dB</td>
<td>± 0.5dB</td>
<td>± 0.5dB</td>
<td>± 0.5dB</td>
</tr>
<tr>
<td><strong>Crosstalk</strong>&lt;br&gt;(below rated power 20Hz to 1kHz)</td>
<td>&gt;70dB</td>
<td>&gt;70dB</td>
<td>&gt;70dB</td>
<td>&gt;70dB</td>
</tr>
<tr>
<td><strong>Common Mode Rejection</strong>&lt;br&gt;(20Hz to 1kHz)</td>
<td>&gt;55dB, typically &gt;70dB</td>
<td>&gt;55dB, typically &gt;70dB</td>
<td>&gt;55dB, typically &gt;70dB</td>
<td>&gt;55dB, typically &gt;70dB</td>
</tr>
<tr>
<td><strong>Voltage Gain</strong></td>
<td>25dB</td>
<td>25dB</td>
<td>25dB</td>
<td>25dB</td>
</tr>
<tr>
<td><strong>DC Offset</strong></td>
<td>+20mV</td>
<td>+20mV</td>
<td>+20mV</td>
<td>+20mV</td>
</tr>
<tr>
<td><strong>Idle Power Consumption</strong>&lt;br&gt;(Standard Mode)</td>
<td>15.0W</td>
<td>17.5W</td>
<td>23.0W</td>
<td>25.5W</td>
</tr>
</tbody>
</table>

## Physical Specifications

<table>
<thead>
<tr>
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<th>CT8150</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Width</strong>&lt;br&gt;19 in. (48.3 cm)</td>
<td>19 in. (48.3 cm)</td>
<td>19 in. (48.3 cm)</td>
<td>19 in. (48.3 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Height</strong>&lt;br&gt;1.75 in. (4.4 cm)</td>
<td>1.75 in. (4.4 cm)</td>
<td>1.75 in. (4.4 cm)</td>
<td>1.75 in. (4.4 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Depth</strong>&lt;br&gt;15.9 in. (38.6 cm)</td>
<td>15.9 in. (38.6 cm)</td>
<td>15.9 in. (38.6 cm)</td>
<td>15.9 in. (38.6 cm)</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong>&lt;br&gt;10lbs/4.54kg</td>
<td>10lbs/4.54kg</td>
<td>10lbs/4.54kg</td>
<td>10lbs/4.54kg</td>
<td></td>
</tr>
<tr>
<td><strong>Net Shipping Weight</strong>&lt;br&gt;15lbs/6.8kg</td>
<td>15lbs/6.8kg</td>
<td>15lbs/6.8kg</td>
<td>15lbs/6.8kg</td>
<td></td>
</tr>
</tbody>
</table>