



Features

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

ComTech DriveCore™ Series



4 channel model with C14 mains socket shown



8 channel model with C14 socket shown

Power Matrix

| Model | Channels | 4Ω | 8Ω |
|--------|----------|------|------|
| CT475 | 4 | 75W | 75W |
| CT875 | 8 | 75W | 75W |
| CT4150 | 4 | 125W | 125W |
| CT8150 | 8 | 125W | 125W |

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

Physical Specifications

| | | | | |
|---------------------|--------------------|--------------------|--------------------|--------------------|
| Width | 19 in. (48.3 cm) | 19 in. (48.3 cm) | 19 in. (48.3 cm) | 19 in. (48.3 cm) |
| Height | 1.75 in. (4.4 cm) | 1.75 in. (4.4 cm) | 1.75 in. (4.4 cm) | 1.75 in. (4.4 cm) |
| Depth | 15.9 in. (38.6 cm) | 15.9 in. (38.6 cm) | 15.9 in. (38.6 cm) | 15.9 in. (38.6 cm) |
| Weight | 10lbs/4.54kg | 10lbs/4.54kg | 10lbs/4.54kg | 10lbs/4.54kg |
| Net Shipping Weight | 15lbs/6.8kg | 15lbs/6.8kg | 15 lbs/6.8kg | 15lbs/6.8kg |