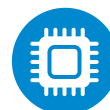


ComTech D Series

Compact Power Sharing Amplifiers with DSP and Dante®



POWER
SHARING



BUILT-IN
DSP



DANTE®
SPOKEN
HERE



COMPACT
DESIGN



WEB USER
INTERFACE



2 / 4 / 8
CHANNEL
OPTIONS

Features

Flexible Power Sharing

Power sharing enables individual output channels to scale up or down in power, distributing the total output power of the amplifier to meet the needs of the attached loudspeakers. Outputs on the 2-channel model share 250W and 500W is shared between each set of 4 channels on the 4- and 8-channel models, for unparalleled flexibility. 4/8 ohm and 70/100V outputs are supported in any configuration.

Built-In DSP

Built-in DSP allows outputs to be tuned specifically for every application and provides the ability to create custom speaker tunings. Factory JBL SpeakerTunings for select JBL models, including Control 400 Series ceiling speakers, are included to simplify the optimization of an all-HARMAN solution.

Dante and Analog Inputs

ComTech D Series amplifiers support redundant Dante configurations and feature multiple Dante inputs and outputs. The Dante output signals can be chosen directly from a pre-processed analog input, a pre-speaker tuned signal, or a post-speaker tuned signal.

Simple Configuration & Management

The WebUI control interface enables easy setup without additional software. Accessible via any web browser, it delivers an intuitive configuration experience. AVX Manager enables even large installations to be managed and monitored from a single interface.

Compact Design

2- and 4-channel models are housed in a 1RU, 1/2 rack width chassis and can be mounted in a rack, under a table, or on a wall using the included mounting hardware. The 8-channel model features a 1RU chassis with fixed rack mounts.

ComTech D Series



ComTech CTD-2125 Back Panel



ComTech CTD-4125 Back Panel



ComTech CTD-8125 Back Panel

Performance Specifications	CTD-2125		CTD-4125	CTD-8125
Crosstalk (below rated power) 20 Hz to 1 kHz			<-90dB	
Common Mode Rejection (20 Hz to 1 kHz)			> 55 dB	
Damping Factor (20Hz to 100Hz)			≥100	
Digital Signal Processing			48kHz	
Frequency response @ 4/8 ohm			20 Hz -20 kHz +/-0.5 dB	
Intermodulation Distortion (60Hz and 7kHz AT 4:1, From -30dB To Full Rated Power):			≤0.35%	
Input Impedance			20k, balanced	
Input Sensitivity @ 8 ohm	1.12Vrms (2ch)		1.58Vrms (4 & 8ch)	
Maximum Fan Noise (Red. dB SPL @ 1M)			48dB	
Maximum Input Level			+20dBu	
Signal to Noise Ratio (below rated power 20 Hz to 20 kHz, A-Weighted)			104dB Analog, 113dB Dante	
THD+N at 4/8 Ω, 70V/100V, @1dB below rated power			≤0.1%	
Voltage Gain (8Ω, 1kHz, Vin = 100mV):			32dB	
100V Output Voltage (loaded to 250W/500W)			93Vrms	
Connectors	CTD-2125		CTD-4125	CTD-8125
Analog Audio Input			3.5mm Phoenix Terminal Block connector	
Digital Audio Input/Output (Dante/AES67)			2x RJ45	
Speaker Output			5.08mm Phoenix Terminal Block connector	
GPI	4in, 6pin 3.5mm Phoenix Terminal Block Connector		8in, 2x 6pin 3.5mm Phoenix Terminal Block Connector	
Fault Relay Output			NO, COM, NC	
Power			Standard IEC	

Power (1kHz, 20ms burst, all channels driven, 0.1% THD)	CTD-2125	CTD-4125	CTD-8125
Rated Power (8Ω):	125W x 2	125W x 4	125W x 8
Rated Power (4Ω):	125W x 2	125W x 4	125W x 8
Rated Power (70V/100V):	125W x 2	125W x 4	125W x 8
Power (1kHz, 20ms burst, single channels driven, 0.1% THD)	CTD-2125	CTD-4125	CTD-8125
Rated Power (8Ω):	250W x 1	500W x 1	500W x 2
Rated Power (4Ω):	250W x 1	500W x 1	500W x 2
Rated Power (70V/100V):	250W x 1	500W x 1	500W x 2
Electrical	CTD-2125	CTD-4125	CTD-8125
Power Supply	Universal power supply, voltage:100-240VAC, 50/60Hz		
Power Saving	Standby Consumption GPI Standby <0.5W Auto Standby with Network Control <2W		
Wakeup Time from Sleep	<250ms		

Physical Specs	CTD-2125	CTD-4125	CTD-8125
Dimensions (DxWxH)	14.1 x 8.6 x 1.7 in. (358 x 220 x 43 mm)	14.1 x 8.6 x 1.7 in. (358 x 220 x 43 mm)	17.3 x 19.0 x 1.7 in. (378 x 482 x 43 mm)
Weight	6.4 lbs (2.9 kg)	7.1 lbs (3.2kg)	13 lbs (5.9kg)
Shipping Weight	8.6 lbs (3.8kg)	9.1 lbs (4.1kg)	15.9 lbs (7.2kg)

Specifications subject to change without prior notice. Latest information available at www.crownaudio.com. © 2025 Crown Audio®, Inc.