CTs Series Multi-Channel



Features

- Selectable constant-voltage (70V/100V) or low-impedance (4/8 ohm) operation for each channel pair (channel pair must be operated in Bridge mode for 100V
- FIT (Fault Isolation Topology) circuitry isolates faults within affected channels
- 5 Year No Fault Warranty with 1 Year Advance Replacement Program
- TLC protection circuitry protects the amplifier from excessive heat by subtly and dynamically reducing the gain only when necessary to reduce heat levels
- Comprehensive array of indicators including Power and Data, along with Bridge, Ready, Signal, Clip, Thermal and Fault for each channel, provide accurate diagnostics
- A fixed 35-Hz (70-Hz in CTs 4200) high-pass filter per channel pair is automatically inserted when the mode switch is set to either of the constant-voltage settings. The high-pass filter corner frequency in the CTs 8200 can be set to 70 Hz, or bypassed, with a service option

Specifications

	CTs 4200	CTs 8200
Channels	4	8
Sensitivity	1.4V	1.4V
Signal to Noise Ratio (below rated power 20Hz to 20kHz, Unweighted)	100dB	100dB
Total Harmonic Distortion (THD) (full rated power, 20Hz - 20kHz)	< 0.05%	< 0.05%
Intermodulation Distortion (from 0dB down to -40dB)	< 0.05%	< 0.05%
Frequency Response (at 1W into 4/8 ohms)	± 0.5dB	± 0.5dB
Phase Response (at 1 watt, 10 Hz - 20 kHz)	± 35°	± 35°
Crosstalk (below rated power 20Hz to 1kHz)	> 80dB	> 80dB
Common Mode Rejection (20Hz to 1Khz)	> 50dB	> 50dB
Maximum Input Level (before input compression)	+20dBu	+20dBu
Load impedance	70V (4/8/16 Ohm)	70V (4/8/16 Ohm)
Voltage Gain (at maximum level settings) (8/4 ohm operation)	20:1 (26dB)	20:1 (26dB)
Power Draw at Idle (120VAC mains: standby mode)	58W	58W

General

Dimension (H x W X D)	3.5" x 19" x 16.25"	5.25" x 19" x 16.25"
Net Weight	27 lbs 8 oz	36 lbs 6 oz
Net Shipping Weight	32 lbs	47 lbs

CTs 4200

Dual	Maximum Average Power in watts with 0.1% THD.	
4 Channels Driven	1 kHz	20 Hz–20 kHz
4-ohm (per ch.)	**260W**	**215W**
8-ohm (per ch.)	**180W**	**190W**
70V (per ch.)	**220W**	**220W***
1 Channel Driven	1 kHz	20 Hz–20 kHz
4-ohm (per ch.)	**270W**	**225W**
8-ohm (per ch.)	**220W**	**210W**
70V (per ch.)	**250W**	**245W***
Bridge-Mono		
2 Channel-Pairs Driven	1 kHz	20 Hz–20 kHz
8-ohm (per ch. pair)	**520W**	**430W**
16-ohm (per ch. pair)	**400W**	**380W**
100V (per ch. pair)	**220W**	**220W***
1 Channel-Pair Driven	1 kHz	20 Hz–20 kHz
8-ohm (per ch. pair)	**560W**	**450W**
16-ohm (per ch. pair)	**440W**	**420W**
100V (per ch. pair)	**250W**	**245W***

* Constant Voltage full bandwidth power ratings support 100Hz - 20kHz due to automatic High-Pass Filters.

CTs 8200

Dual	Maximum Average Power in watts with 0.1% THD.	
4 Channels Driven	1 kHz	20 Hz–20 kHz
4-ohm (per ch.)	**200W**	**175W**
8-ohm (per ch.)	**160W**	**155W**
70V (per ch.)	**200W**	**285W***
1 Channel Driven	1 kHz	20 Hz–20 kHz
4-ohm (per ch.)	**270W**	**230W**
8-ohm (per ch.)	**220W**	**220W**
70V (per ch.)	**250W**	**230W***
Bridge-Mono		
2 Channel-Pairs Driven	1 kHz	20 Hz–20 kHz
8-ohm (per ch. pair)	**400W**	**350W**
16-ohm (per ch. pair)	**320W**	**310W**
100V (per ch. pair)	**200W**	**185W***
1 Channel-Pair Driven	1 kHz	20 Hz–20 kHz
8-ohm (per ch. pair)	**540W**	**460W**
16-ohm (per ch. pair)	**440W**	**440W**
100V (per ch. pair)	**250W**	**230W***

* Constant Voltage full bandwidth power ratings support 100Hz - 20kHz due to automatic High-Pass Filters.

Crown's Five-Year, No-Fault, Fully Transferable Warranty

Crown offers a Five-Year, No-Fault, Fully Transferable Warranty for every new Crown amplifier—an unsurpassed industry standard. With this unprecedented No-Fault protection, your new Crown amplifier is warranted to meet or exceed original specifications for the first five years of ownership. During this time, if your amplifier fails, or does not perform to original specifications, it will be repaired or replaced at our expense. About the only things not covered by this warranty are those losses normally covered by insurance and those caused by intentional abuse. And the coverage is transferable, should you sell your amplifier. See your authorized Crown dealer for full warranty disclosure and details. For customers outside of the USA, please contact your authorized Crown distributor for warranty information or call 574-294-8200.

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