Amplifier Current Draw—230 VAC

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"Current draw" is the amount of AC current an amplifier demands while it is operating. Measurements are provided for various loads at idle, 1/8 of average full power, 1/3 of average full power, and full power, with all channels driven simultaneously. The figures shown on this sheet are for 120 VAC usage; for 230- and 100-volt operation, see the companion sheets. For typical usage, use the idle and 1/8 power figures.

Where an asterisk (*) appears, the data was not available at press time. The designations "na" and "nr" respectively mean "not applicable" to the particular amplifier model and "not rated" for the particular load impedance. Bridged mono into 8 ohms is equivalent to 4 ohms per channel; into 4 ohms is equivalent to 2 ohms per channel.

Idle Current draw at idle or with very low signal level.

Standby Mode Current draw when powered down to solid red light.

1/8 Power Current draw at 1/8 of full power is measured with a 1 kHz sine wave signal. It approximates operating with music or voice with light clipping and repesents the amplifier's typical "clean" maximum level, without audible clipping. Use these figures for typical maximum level operation.

1/3 Power Current draw at 1/3 of full power is measured with a 1 kHz sine wave signal. It approximates operating with music or voice with very heavy clipping and a very compressed dynamic range.

Full Power Current draw at full power is measured with a 1 kHz sine wave. However, it does not represent any real-world operating condition.

				8Ω	4Ω	2Ω	25V-70V-100V	8Ω	4Ω	2Ω	25V-70V-100V	8Ω	4Ω	2Ω	25V-70V-100V
Load per channel ->															
Model	**Amperes**		**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**	**Amperes**
CXD 4.2Q	0.4		0.2	2.4	2.5	2.3	N/A	5.3	5.7	5.1	N/A	13	15	13	N/A
CXD 4.3Q	0.4		0.3	2.2	2.4	2.7	2.4	4.9	5.5	5.8	5.5	14	15	15	15
CXD 4.5Q	0.4		0.3	3.9	4.9	2.8	4.9	8.5	10.1	6.2	10.1	26	29	17	29