

# Crown ComTech D Power Draw & Thermal Dissipation

## CTD-2125

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to  $\pm 10\%$  of the voltage range 100-240V~. This information is for reference only.

CTD-2125 All Channel Driven									
Condition	Load	120 VAC / 60Hz				230 VAC / 50Hz			
		Line Current (amps)	Power Dissipated as Heat			Line Current (amps)	Power Dissipated as Heat		
			watts	BTU	kcal/hr		watts	BTU	kcal/hr
At Idle Awake	N/A	0.11	8	28	7	0.08	9	30	8
1/8 Power Pink Noise Typical of program material just at clip	4 ohms	0.73	61	102	26	0.46	63	109	27
	8 ohms	0.69	57	87	22	0.43	59	93	24
	70v	0.66	55	79	20	0.43	56	86	22
	100v	0.63	55	80	20	0.48	57	87	22
1/3 Power Pink Noise Typical of program material at extreme clip	4 ohms	1.89	132	166	42	1.13	132	167	42
	8 ohms	1.78	122	133	34	1.09	120	126	32
	70v	1.67	117	115	29	1.02	117	115	29
	100v	1.64	117	114	29	1.06	116	110	28

CTD-2125 Single Channel Driven									
Condition	Load	120 VAC / 60Hz				230 VAC / 50Hz			
		Line Current (amps)	Power Dissipated as Heat			Line Current (amps)	Power Dissipated as Heat		
			watts	BTU	kcal/hr		watts	BTU	kcal/hr
At Idle Awake	N/A	0.11	8	28	7	0.08	9	30	8
1/8 Power Pink Noise Typical of program material just at clip	4 ohms	0.71	60	99	25	0.47	62	105	27
	8 ohms	0.68	57	88	22	0.45	59	96	24
	70v	0.64	55	82	21	0.42	57	88	22
	100v	0.64	55	79	20	0.42	57	87	22
1/3 Power Pink Noise Typical of program material at extreme clip	4 ohms	1.42	128	153	39	0.93	128	154	39
	8 ohms	1.37	124	137	35	0.90	123	135	34
	70v	1.28	116	110	28	0.84	118	117	29
	100v	1.62	119	121	30	1.01	117	113	29

# Crown ComTech D Power Draw & Thermal Dissipation

## CTD-4125

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to  $\pm 10\%$  of the voltage range 100-240V~. This information is for reference only.

CTD-4125 All Channel Driven									
Condition	Load	120 VAC / 60Hz				230 VAC / 50Hz			
		Line Current (amps)	Power Dissipated as Heat			Line Current (amps)	Power Dissipated as Heat		
			watts	BTU	kcal/hr		watts	BTU	kcal/hr
At Idle Awake	N/A	0.12	13	44	11	0.12	13	43	11
1/8 Power Pink Noise Typical of program material just at clip	4 ohms	0.99	115	180	45	0.55	112	168	42
	8 ohms	0.92	106	148	37	0.51	103	140	35
	70v	0.89	103	138	35	0.49	100	128	32
	100v	0.83	101	133	33	0.49	99	125	32
1/3 Power Pink Noise Typical of program material at extreme clip	4 ohms	2.14	248	278	70	1.17	248	279	70
	8 ohms	1.99	231	219	55	1.07	227	205	52
	70v	1.89	221	185	47	1.00	214	163	41
	100v	1.87	219	179	45	0.99	213	158	40

CTD-4125 Single Channel Driven									
Condition	Load	120 VAC / 60Hz				230 VAC / 50Hz			
		Line Current (amps)	Power Dissipated as Heat			Line Current (amps)	Power Dissipated as Heat		
			watts	BTU	kcal/hr		watts	BTU	kcal/hr
At Idle Awake	N/A	0.12	13	44	11	0.12	13	43	11
1/8 Power Pink Noise Typical of program material just at clip	4 ohms	0.97	113	174	44	0.54	110	161	41
	8 ohms	0.92	107	152	38	0.52	104	143	36
	70v	0.90	106	147	37	0.51	103	137	35
	100v	0.87	103	138	35	0.49	101	130	33
1/3 Power Pink Noise Typical of program material at extreme clip	4 ohms	1.90	236	235	59	1.09	233.13	227	57
	8 ohms	1.88	234	230	58	1.06	225.15	200	50
	70v	1.90	227	207	52	1.04	222.77	192	48
	100v	1.92	224	197	50	1.01	216.14	169	43

# Crown ComTech D Power Draw & Thermal Dissipation

## CTD-8125

Pink noise 12dB crest factor, bandwidth limited 22Hz to 22kHz.

Typical line impedance used.

Data based on all channels driven.

This product was safety certified to  $\pm 10\%$  of the voltage range 100-240V~. This information is for reference only.

CTD-8125 All Channel Driven									
Condition	Load	120 VAC / 60Hz				230 VAC / 50Hz			
		Line Current (amps)	Power Dissipated as Heat			Line Current (amps)	Power Dissipated as Heat		
			watts	BTU	kcal/hr		watts	BTU	kcal/hr
At Idle Awake	N/A	0.23	16	54	14	0.24	16	55	14
1/8 Power Pink Noise Typical of program material just at clip	4 ohms	1.99	225	340	86	1.05	220	326	82
	8 ohms	1.79	205	272	69	0.96	201	261	66
	70v	1.75	197	247	62	0.92	195	239	60
	100v	1.67	194	236	60	0.92	194	235	59
1/3 Power Pink Noise Typical of program material at extreme clip	4 ohms	4.42	484	513	129	2.22	471	469	118
	8 ohms	4.16	454	412	104	2.07	438	358	90
	70v	3.87	428	323	81	1.96	419	293	74
	100v	3.89	431	334	84	1.95	419	291	74

CTD-8125 Single Channel Driven									
Condition	Load	120 VAC / 60Hz				230 VAC / 50Hz			
		Line Current (amps)	Power Dissipated as Heat			Line Current (amps)	Power Dissipated as Heat		
			watts	BTU	kcal/hr		watts	BTU	kcal/hr
At Idle Awake	N/A	0.23	16	54	14	0.24	16	55	14
1/8 Power Pink Noise Typical of program material just at clip	4 ohms	2.02	217	314	79	1.01	213	301	76
	8 ohms	1.91	206	276	70	0.97	204	269	68
	70v	1.85	203	265	67	0.95	200	257	65
	100v	1.77	198	249	63	0.92	196	243	61
1/3 Power Pink Noise Typical of program material at extreme clip	4 ohms	4.20	471	471	119	2.25	462.34	440	111
	8 ohms	4.07	456	418	105	2.13	442.88	374	94
	70v	4.02	446	385	97	2.04	433.6	342	86
	100v	3.90	433	340	86	1.97	423.63	308	78