Com-Tech 410 Calculated Data

CT-410: 8 Ohm Stereo Mode, 16 Ohm Bridged Mono, or 4 Ohm Parallel Mono					
Program Material	Waste Heat BTU/Hr	Current Draw 100VAC	Current Draw 120VAC	Current Draw 220VAC	Current Draw 240VAC
Individual Speech	390	1.9A	1.6A	0.9A	0.8A
Acoustic/Chamber Music	460	2.7A	2.2A	1.2A	1.1A
Full Range Rock Music	540	3.4A	2.9A	1.6A	1.4A
Compressed Rock Music	620	4.2A	3.5A	1.9A	1.8A
Pink Noise	700	5.0A	4.2A	2.3A	2.1A

CT-410: 4 Ohm Stereo Mode, 8 Ohm Bridged Mono, or 2 Ohm Parallel Mono					
Program Material	Waste Heat BTU/Hr	Current Draw 100VAC	Current Draw 120VAC	Current Draw 220VAC	Current Draw 240VAC
Individual Speech	390	2.0A	1.6A	0.9A	0.8A
Acoustic/Chamber Music	480	2.8A	2.4A	1.3A	1.2A
Full Range Rock Music	560	3.7A	3.1A	1.7A	1.6A
Compressed Rock Music	650	4.5A	3.8A	2.1A	1.9A
Pink Noise	730	5.4A	4.5A	2.5A	2.3A

CT-410: 70V Mode, Any Configuration					
Program Material	Waste Heat BTU/Hr	Current Draw 100VAC	Current Draw 120VAC	Current Draw 220VAC	Current Draw 240VAC
Individual Speech	390	1.9A	1.6A	0.9A	0.8A
Acoustic/Chamber Music	480	2.8A	2.3A	1.3A	1.2A
Full Range Rock Music	560	3.6A	3.0A	1.7A	1.5A
Compressed Rock Music	640	4.4A	3.7A	2.0A	1.9A
Pink Noise	720	5.3A	4.4A	2.4A	2.2A

The information provided on this page is calculated data based on driving both channels to rated output. Other parameters used in calculation include a conservative idle current estimate of 90 Watts and a conservative estimation of efficiency at 65%. Information is provided for the purpose of getting an idea of current draw and heat produced. Actual performance will vary depending on environment, program material, load, signal, and AC mains voltage and frequency. Values of calculated current draw are intended to represent average draw corresponding to the thermal breaker requirements that should be met to handle the amplifier as a load on the AC mains. Peak current draw with dynamic program material may be significantly higher. Thermal information is provided to assist with calculating air conditioning needs. The above data should not be construed as specifications.