

AC Power Draw and Thermal Dissipation

| Xi800 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|----------|--------------------|----------|-----------|--------|--------------------------|---------|--------------------|----------|-----------|--------|--------------------------|--------|--------------------|----------|-----------|---------|--------------------------|--------|--------------------|----------|-----------|--------|--------------------------|--------|--------|--------|---------|---------|
| Condition | Load ZCH | 120 VAC / 60 Hz | | | | | | 127 VAC / 60 Hz | | | | | | 220 VAC / 50 Hz | | | | | | 240 VAC / 50 Hz | | | | | | | | | |
| | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | | | | |
| | | | | CH1 | CH2 | watts | BTU/hr | | | kcal/hr | CH1 | CH2 | watts | | | BTU/hr | kcal/hr | CH1 | CH2 | | | watts | BTU/hr | kcal/hr | CH1 | CH2 | watts | BTU/hr | kcal/hr |
| at title | | 0.49 | 41.00 | | | 41.00 | 139.93 | 35.28 | 0.43 | 39.00 | | | 39.00 | 133.11 | 33.56 | 0.24 | 38.00 | | | 38.00 | 129.69 | 32.70 | 0.20 | 35.00 | | | 35.00 | 119.46 | 30.11 |
| 1/8 Power Sine 15Hz Typical of program material just at clip | 8 ohmsΩ | 3.20 | 279.00 | 25.00 | 25.00 | 254.00 | 866.90 | 218.54 | 3.00 | 276.00 | 25.00 | 25.00 | 251.00 | 856.66 | 215.96 | 1.70 | 277.00 | 25.00 | 25.00 | 252.00 | 860.08 | 216.82 | 1.60 | 277.00 | 25.00 | 25.00 | 252.00 | 860.08 | 216.82 |
| | 4 ohmsΩ | 5.60 | 513.00 | 50.00 | 50.00 | 463.00 | 1580.22 | 398.37 | 5.30 | 512.00 | 50.00 | 50.00 | 462.00 | 1576.81 | 397.50 | 3.00 | 512.00 | 49.00 | 49.00 | 463.00 | 1580.22 | 398.37 | 2.80 | 513.00 | 50.00 | 50.00 | 463.00 | 1580.22 | 398.37 |
| 1/3 Power Sine 15Hz Typical of program material at extreme clip | 8 ohmsΩ | 4.70 | 430.00 | 66.00 | 66.00 | 364.00 | 1242.33 | 313.19 | 4.50 | 428.00 | 66.00 | 66.00 | 362.00 | 1235.51 | 311.46 | 2.60 | 435.00 | 67.00 | 67.00 | 368.00 | 1255.98 | 316.63 | 2.40 | 430.00 | 66.00 | 66.00 | 364.00 | 1242.33 | 313.19 |
| | 4 ohmsΩ | 8.40 | 805.00 | 132.00 | 132.00 | 673.00 | 2296.95 | 579.05 | 7.90 | 803.00 | 132.00 | 131.00 | 671.00 | 2290.12 | 577.33 | 4.60 | 816.00 | 133.00 | 133.00 | 683.00 | 2331.08 | 587.65 | 4.20 | 810.00 | 132.00 | 132.00 | 678.00 | 2314.01 | 583.35 |

| Xi1500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Condition | Load ZCH | 120 VAC / 60 Hz | | | | | | 127 VAC / 60 Hz | | | | | | 220 VAC / 50 Hz | | | | | | 240 VAC / 50 Hz | | | | | | | | | |
| | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | | | | |
| | | | | CH1 | CH2 | watts | BTU/hr | | | kcal/hr | CH1 | CH2 | watts | | | BTU/hr | kcal/hr | CH1 | CH2 | | | watts | BTU/hr | kcal/hr | CH1 | CH2 | watts | BTU/hr | kcal/hr |
| at title | | 0.41 | 38.00 | | | 38.00 | 129.69 | 32.70 | 0.38 | 36.00 | | | 36.00 | 122.87 | 30.97 | 0.24 | 40.00 | | | 40.00 | 136.52 | 34.42 | 0.20 | 35.00 | | | 35.00 | 119.46 | 30.11 |
| 1/8 Power Sine 15Hz Typical of program material just at clip | 8 ohms | 2.70 | 227.00 | 41.00 | 41.00 | 186.00 | 634.82 | 160.03 | 2.50 | 228.00 | 41.00 | 41.00 | 187.00 | 638.23 | 160.89 | 1.50 | 232.00 | 41.00 | 42.00 | 191.00 | 651.88 | 164.34 | 1.40 | 228.00 | 40.00 | 41.00 | 188.00 | 641.64 | 161.76 |
| | 4 ohms | 4.60 | 414.00 | 81.00 | 83.00 | 333.00 | 1136.53 | 286.51 | 4.40 | 417.00 | 81.00 | 83.00 | 336.00 | 1146.77 | 289.09 | 2.60 | 425.00 | 81.00 | 83.00 | 344.00 | 1174.07 | 295.98 | 2.40 | 420.00 | 80.00 | 82.00 | 340.00 | 1160.42 | 292.54 |
| 1/3 Power Sine 15Hz Typical of program material at extreme clip | 8 ohms | 5.70 | 586.00 | 110.00 | 112.00 | 476.00 | 1624.59 | 408.55 | 6.30 | 588.00 | 110.00 | 112.00 | 478.00 | 1631.41 | 411.27 | 3.70 | 597.00 | 110.00 | 112.00 | 487.00 | 1662.13 | 419.01 | 3.40 | 589.00 | 108.00 | 110.00 | 481.00 | 1641.65 | 413.85 |
| | 4 ohms | 12.10 | 1143.00 | 219.00 | 223.00 | 924.00 | 3153.61 | 795.01 | 11.50 | 1147.00 | 218.00 | 222.00 | 929.00 | 3170.68 | 795.31 | 6.80 | 1167.00 | 218.00 | 222.00 | 949.00 | 3238.94 | 816.52 | 6.20 | 1154.00 | 215.00 | 219.00 | 939.00 | 3204.81 | 807.92 |

| Xi2500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Condition | Load ZCH | 120 VAC / 60 Hz | | | | | | 127 VAC / 60 Hz | | | | | | 220 VAC / 50 Hz | | | | | | 240 VAC / 50 Hz | | | | | | | | | |
| | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | | | | |
| | | | | CH1 | CH2 | watts | BTU/hr | | | kcal/hr | CH1 | CH2 | watts | | | BTU/hr | kcal/hr | CH1 | CH2 | | | watts | BTU/hr | kcal/hr | CH1 | CH2 | watts | BTU/hr | kcal/hr |
| at title | | 0.50 | 43.00 | | | 43.00 | 146.76 | 37.00 | 0.49 | 46.00 | | | 46.00 | 157.00 | 39.58 | 0.30 | 47.00 | | | 47.00 | 160.41 | 40.44 | 0.31 | 56.00 | | | 56.00 | 191.13 | 48.18 |
| 1/8 Power Sine 15Hz Typical of program material just at clip | 8 ohms | 3.80 | 325.00 | 62.00 | 62.00 | 263.00 | 897.62 | 226.29 | 3.70 | 330.00 | 63.00 | 63.00 | 267.00 | 911.27 | 229.73 | 2.20 | 335.00 | 62.00 | 62.00 | 273.00 | 931.75 | 234.89 | 2.00 | 346.00 | 62.00 | 62.00 | 284.00 | 969.29 | 244.35 |
| | 4 ohms | 6.70 | 597.00 | 124.00 | 124.00 | 473.00 | 1614.35 | 406.97 | 6.40 | 608.00 | 124.00 | 124.00 | 484.00 | 1651.89 | 416.43 | 3.80 | 617.00 | 124.00 | 124.00 | 493.00 | 1682.61 | 424.18 | 3.50 | 630.00 | 124.00 | 124.00 | 506.00 | 1726.98 | 435.36 |
| 1/3 Power Sine 15Hz Typical of program material at extreme clip | 8 ohms | 9.30 | 834.00 | 166.00 | 166.00 | 668.00 | 2279.88 | 574.75 | 8.90 | 837.00 | 165.00 | 166.00 | 672.00 | 2293.54 | 578.19 | 5.40 | 860.00 | 166.00 | 166.00 | 684.00 | 2368.62 | 597.12 | 4.90 | 860.00 | 166.00 | 166.00 | 684.00 | 2368.62 | 597.12 |
| | 4 ohms | 17.10 | 1628.00 | 330.00 | 330.00 | 1298.00 | 4430.07 | 1116.80 | 16.20 | 1622.00 | 328.00 | 329.00 | 1302.00 | 4447.14 | 1121.10 | 9.80 | 1687.00 | 330.00 | 330.00 | 1357.00 | 4631.44 | 1167.56 | 9.00 | 1681.00 | 330.00 | 330.00 | 1351.00 | 4610.96 | 1162.40 |

| Xi3500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Condition | Load ZCH | 120 VAC / 60 Hz | | | | | | 127 VAC / 60 Hz | | | | | | 220 VAC / 50 Hz | | | | | | 240 VAC / 50 Hz | | | | | | | | | |
| | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | Line current, amps | Power In | Power out | | Power dissipated as heat | | | | | |
| | | | | CH1 | CH2 | watts | BTU/hr | | | kcal/hr | CH1 | CH2 | watts | | | BTU/hr | kcal/hr | CH1 | CH2 | | | watts | BTU/hr | kcal/hr | CH1 | CH2 | watts | BTU/hr | kcal/hr |
| at title | | 0.50 | 39.00 | | | 39.00 | 133.11 | 33.56 | 0.56 | 57.00 | | | 57.00 | 194.54 | 49.04 | 0.37 | 60.00 | | | 60.00 | 204.78 | 51.62 | 0.28 | 42.00 | | | 42.00 | 143.35 | 36.14 |
| 1/8 Power Sine 15Hz Typical of program material just at clip | 8 ohms | 5.10 | 427.00 | 121.00 | 125.00 | 306.00 | 1044.38 | 263.28 | 5.00 | 450.00 | 125.00 | 129.00 | 325.00 | 1109.23 | 279.63 | 2.90 | 456.00 | 121.00 | 125.00 | 335.00 | 1143.36 | 288.23 | 2.70 | 447.00 | 124.00 | 129.00 | 323.00 | 1102.40 | 277.91 |
| | 4 ohms | 10.43 | 927.00 | 240.00 | 249.00 | 687.00 | 2378.86 | 599.70 | 10.60 | 1023.00 | 248.00 | 256.00 | 775.00 | 2645.08 | 666.81 | 5.60 | 912.00 | 240.00 | 240.00 | 662.00 | 2262.82 | 570.45 | 5.50 | 963.00 | 247.00 | 257.00 | 716.00 | 2443.71 | 616.05 |
| 1/3 Power Sine 15Hz Typical of program material at extreme clip | 8 ohms | 13.00 | 1177.00 | 323.00 | 334.00 | 854.00 | 2914.70 | 734.78 | 12.50 | 1191.00 | 323.00 | 333.00 | 868.00 | 2962.48 | 746.83 | 7.60 | 1249.00 | 322.00 | 333.00 | 907.00 | 3095.59 | 780.38 | 7.00 | 1216.00 | 322.00 | 333.00 | 894.00 | 3051.22 | 769.20 |
| | 4 ohms | 23.40 | 2291.00 | 641.00 | 664.00 | 1650.00 | 5631.45 | 1419.66 | 22.49 | 2277.00 | 640.00 | 663.00 | 1637.00 | 5587.08 | 1408.47 | 13.60 | 2374.00 | 640.00 | 663.00 | 1734.00 | 5918.14 | 1491.93 | 12.50 | 2353.00 | 639.00 | 661.00 | 1714.00 | 5849.88 | 1474.73 |