



UXA Series Amplifiers

AC Power Draw & Thermal Dissipation

UXA4410

| Sleep mode (slow wake up) | | | | | |
|-----------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 4.5 | 0.4 | 0.2 | 4.5 | 4 | 15 |

| Standby mode (fast wake up) | | | | | |
|-----------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 60 | 1.0 | 0.5 | 60 | 52 | 205 |

| Running with no audio signal | | | | | |
|------------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 195 | 2.9 | 1.5 | 195 | 168 | 665 |

| Running (all channels driven) | | | | | | | | |
|-------------------------------|-------------|----------------------------|---------------------|----------------------|--------|---------------------|---------|--------|
| Load Mode | Load (Ohms) | Signal duty & Crest Factor | Input power (Watts) | Input Current (Amps) | | Thermal Dissipation | | |
| | | | | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 2 Ohm | 2 | 1/8, cf = 4.0 (12dB) | 1600 | 19.2 | 10.0 | 350 | 301 | 1194 |
| 2 Ohm | 4 | 1/4, cf = 2.8 (9dB) | 1560 | 18.7 | 9.8 | 310 | 267 | 1058 |
| 2 Ohm | 4 | 1/8, cf = 4.0 (12dB) | 875 | 11.1 | 5.8 | 250 | 215 | 853 |
| 4 Ohm | 4 | 1/4, cf = 2.8 (9dB) | 2920 | 31.0 | 16.2 | 420 | 361 | 1133 |
| 4 Ohm | 4 | 1/8, cf = 4.0 (12dB) | 1550 | 19.2 | 10.0 | 300 | 258 | 1024 |
| 4 Ohm | 8 | 1/4, cf = 2.8 (9dB) | 1535 | 18.4 | 9.6 | 285 | 245 | 973 |
| 4 Ohm | 8 | 1/8, cf = 4.0 (12dB) | 864 | 10.9 | 5.7 | 239 | 206 | 816 |
| 8 Ohm | 8 | 1/4, cf = 2.8 (9dB) | 1800 | 21.1 | 11.0 | 300 | 258 | 1024 |
| 8 Ohm | 8 | 1/8, cf = 4.0 (12dB) | 975 | 11.5 | 6.0 | 225 | 193 | 768 |

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 230Vac, 50Hz.
- The Current Draw figures for 120Vac are calculated





UXA Series Amplifiers

AC Power Draw & Thermal Dissipation

UXA4406

| Sleep mode (slow wake up) | | | | | |
|-----------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 4.5 | 0.4 | 0.2 | 4.5 | 4 | 15 |

| Standby mode (fast wake up) | | | | | |
|-----------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 60 | 1.0 | 0.5 | 60 | 52 | 205 |

| Running with no audio signal | | | | | |
|------------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 132 | 2.9 | 1.5 | 132 | 114 | 450 |

| Running (all channels driven) | | | | | | | | |
|-------------------------------|-------------|----------------------------|---------------------|----------------------|--------|---------------------|---------|--------|
| Load Mode | Load (Ohms) | Signal duty & Crest Factor | Input power (Watts) | Input Current (Amps) | | Thermal Dissipation | | |
| | | | | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 2 Ohm | 2 | 1/8, cf = 4.0 (12dB) | 1022 | 12.8 | 6.7 | 272 | 234 | 928 |
| 2 Ohm | 4 | 1/4, cf = 2.8 (9dB) | 991 | 12.5 | 6.5 | 241 | 207 | 822 |
| 2 Ohm | 4 | 1/8, cf = 4.0 (12dB) | 563 | 7.9 | 4.1 | 188 | 162 | 642 |
| 4 Ohm | 4 | 1/4, cf = 2.8 (9dB) | 1780 | 21.1 | 11.0 | 280 | 241 | 955 |
| 4 Ohm | 4 | 1/8, cf = 4.0 (12dB) | 970 | 11.5 | 6.0 | 220 | 189 | 751 |
| 4 Ohm | 8 | 1/4, cf = 2.8 (9dB) | 963 | 11.5 | 6.0 | 213 | 183 | 727 |
| 4 Ohm | 8 | 1/8, cf = 4.0 (12dB) | 552 | 7.3 | 3.8 | 177 | 152 | 604 |
| 8 Ohm | 8 | 1/4, cf = 2.8 (9dB) | 1695 | 19.2 | 10.0 | 195 | 168 | 665 |
| 8 Ohm | 8 | 1/8, cf = 4.0 (12dB) | 940 | 11.5 | 6.0 | 190 | 163 | 648 |

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 230Vac, 50Hz.
- The Current Draw figures for 120Vac are calculated



UXA Series Amplifiers

AC Power Draw & Thermal Dissipation

UXA4810

| Sleep mode (slow wake up) | | | | | |
|-----------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 4.5 | 0.4 | 0.2 | 4.5 | 4 | 15 |

| Standby mode (fast wake up) | | | | | |
|-----------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 60 | 1.0 | 0.5 | 60 | 52 | 205 |

| Running with no audio signal | | | | | |
|------------------------------|---------------------|--------|---------------------|---------|--------|
| AC Mains Power Draw (Watts) | Current Draw (Amps) | | Thermal Dissipation | | |
| | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 204 | 3 | 1.55 | 204 | 175 | 696 |

| Running (all channels driven) | | | | | | | | |
|-------------------------------|-------------|----------------------------|---------------------|----------------------|--------|---------------------|---------|--------|
| Load Mode | Load (Ohms) | Signal duty & Crest Factor | Input power (Watts) | Input Current (Amps) | | Thermal Dissipation | | |
| | | | | 120Vac | 230Vac | Watts | kcal/hr | btu/hr |
| 2 Ohm | 2 | 1/8, cf = 4.0 (12dB) | 1703 | 20.4 | 10.6 | 453 | 390 | 1547 |
| 2 Ohm | 4 | 1/4, cf = 2.8 (9dB) | 1652 | 19.8 | 10.3 | 402 | 345 | 1371 |
| 2 Ohm | 4 | 1/8, cf = 4.0 (12dB) | 938 | 11.9 | 6.2 | 313 | 269 | 1069 |
| 4 Ohm | 4 | 1/4, cf = 2.8 (9dB) | 2967 | 31.6 | 16.5 | 467 | 401 | 1592 |
| 4 Ohm | 4 | 1/8, cf = 4.0 (12dB) | 1617 | 20 | 10.4 | 367 | 315 | 1251 |
| 4 Ohm | 8 | 1/4, cf = 2.8 (9dB) | 1605 | 19.2 | 10.0 | 355 | 305 | 1211 |
| 4 Ohm | 8 | 1/8, cf = 4.0 (12dB) | 920 | 16.6 | 6.1 | 295 | 254 | 1007 |
| 8 Ohm | 8 | 1/4, cf = 2.8 (9dB) | 2825 | 33.1 | 17.3 | 325 | 279 | 1109 |
| 8 Ohm | 8 | 1/8, cf = 4.0 (12dB) | 1567 | 18.48 | 9.6 | 317 | 272 | 1081 |

Notes

- The amplifier was configured to have no audio processing
- Measurements were performed with a Hameg HM8115-2 power analyser
- All measurements were done at 230Vac, 50Hz.
- The Current Draw figures for 120Vac are calculated