

POWER CONSUMPTION AND HEAT LOAD IN BRYSTON AMPLIFIERS

2B

1. Idle	58W
2. Stereo 8 Ohms (50W ea.)	286W
3. Stereo 4 Ohms (100W ea.)	498W
4. Bridged 8 Ohms (200W)	504W
5. Max. Wattage	504W
6. Max. Heat Dissipation	304W 1037 Btu/Hr

3BSST

1. Idle	125W
2. Stereo 8 Ohms (150W ea.)	670W
3. Stereo 4 Ohms (250W ea.)	1095W
4. Bridged 8 Ohms (450W)	1100W
5. Max. Wattage	1100W
6. Max. Heat Dissipation	650W 2220 Btu/Hr

4BSST

1. Idle	170W
2. Stereo 8 Ohms (300W ea.)	1280W
3. Stereo 4 Ohms (500W ea.)	2100W
4. Bridged 8 Ohms (900W)	2100W
5. Max. Wattage	2100W
6. Max. Heat Dissipation	1200W 4100 Btu/Hr

5BST

1. Idle	142W
2. Each Chan. 8 Ohms (2A ea. 120W)	864W
3. Each Chan. 4 Ohms (3.5A ea. 200W)	1404W
4. Bridged 8 Ohms, and 4 Ohms Single (400W and 200W respectively)	1562W
5. Max. Wattage	1562W
6. Max. Heat Dissipation	762W 2600 Btu/Hr

6BSST

1. Idle	190W
2. Each Chan. 8 Ohms (300W ea.)	575W
3. Each Chan. 4 Ohms (500W ea.)	920W
4. Max. Wattage	2760W
5. Max. Heat Dissipation	12606W 4300 Btu/Hr

7BSST

1. Idle	215W
2. 8 Ohms (600W)	1285W
3. 4 Ohm (900W)	1980W
4. Max. Wattage	1980W
5. Max. Heat Dissipation	1080W 3685 Btu/Hr

8BST

1. Idle	198W
2. Each Chan. 8 Ohms (2A ea.120W)	1164W
3. Each Chan. 4 Ohms (3.5A ea.200W)	1884W
4. Bridged 8 Ohms, and Bridged 8 Ohms (400W ea.)	1908
5. Max. Wattage	1908W
6. Max. Heat Dissipation	1108W 3782 Btu/Hr

9BSST

1. Idle	185W
2. Each Chan. 8 Ohms (2.02A ea. 120W)	1397W
3. Each Chan. 4 Ohms (3.52A ea. 200W)	2297W
4. Max. Wattage	2297W
5. Max. Heat Dissipation	1297W 4427 Btu/Hr

14BSST

1. Idle	156W
2. Stereo 8 Ohms (500W ea.)	2292W
3. Stereo 4 Ohms (800W ea.)	3684W
4. Max. Wattage	3684W
5. Max. Heat Dissipation	2084W 7113 Btu/H

B60

1. Idle	38W
2. Each Chan. 8 Ohms (60W ea.)	302
3. Each Chan. 4 Ohms (100W ea.)	475W
4. Max. Wattage	475W
5. Max. Heat Dissipation	275W 939 Btu/Hr

PP60

1. Idle	18W
2. 8 Ohms (60W ea.)	144W
3. 4 Ohms (100W ea.)	252W
4. Max. Wattage	252W
5. Max. Heat Dissipation	152W 519 Btu/Hr

PP120

1. Idle	40W
2. 8 Ohms (120W ea.)	288W
3. 4 Ohms (200W ea.)	456W
4. Max. Wattage	456W
5. Max. Heat Dissipation	256W 874 Btu/Hr

BMP-2 MIC PRE AMP

1. Idle	33W
2. Both Chan. Driven (LED's on)	35W
3. Max. Wattage	35W

BP25P

1. Operating	13.8W
2. Max. Wattage	14W

10BPRO

1. Operating	16.8W
2. Max. Wattage	17W

10B-OTVOS

1. Operating	28.8W
2. Max. Wattage	29W

TEST EQUIPMENT USED 2 MARCH 2000

1. FLUKE SERIES 87III TRUE RMS MULTIMETER. USED FOR CURRENT MEASUREMENTS. USED THE 10A RANGE. METER SPECS ALLOW FOR 20A CONTINUOUS CURRENT FOR 1 MIN.
2. FLUKE SERIES 29II MULTIMETER USED FOR BIAS ADJUSTMENT AND LOAD CALIBRATION ONLY.
3. POWERSTAT 50A. VARIABLE POWER TRANSFORMER.
4. DALE 5% NON-INDUCTIVE LOAD RESISTORS:
1 OHM= 1.05 OHMS MEASURED
4 OHM= 4.04 OHMS MEASURED
8 OHM=7.97 OHMS MEASURED
5. IWATSU SS-7811 OSCILLOSCOPE.
6. AUDIO PRECISION SYS-2422 SYSTEM TWO.