

# Comparison Chart: Power Amplifier

|              | Model                                  | Performer<br>s1200                     | Performer<br>s900                        | Performer<br>s800                      | Performer<br>m1000                     |
|--------------|--|--|--|--|--|
| Channels     |  | 2                                      | 2  | 2                                      | 1                                      |
| Bridge Mode  |  | ○                                      | ○  | ●                                      | ○                                      |
| Line inputs  | XLR (balanced)                         | ●                                      | ●  | ●                                      | ●                                      |
|              | RCA (unbalanced)                       | ●                                      | ●  | ○                                      | ○                                      |
| Line thru    | XLR (balanced)                         | ○                                      | ○  | ●                                      | ●                                      |
| Measurements | Input sensitivity                      | 10.5 dBu                               | 8 dBu                                    | 6 dBu                                  | 12.5 dBu                               |
|              | Output impedance (20 Hz - 20 kHz)      | < 0.04 Ω                               | < 0.035 Ω                                | < 0.031 Ω                              | < 0.031 Ω                              |
|              | Amplification                          | 26 dB                                  | 26 dB                                    | 26 dB                                  | 26 dB                                  |
|              | Damping factor (1 kHz, 8 Ω)            | > 290                                  | > 280                                    | > 300                                  | > 280                                  |
|              | Frequency range                        | 10 Hz - 80 kHz                         | 10 Hz - 80 kHz                           | 10 Hz - 80 kHz                         | 10 Hz - 80 kHz                         |
|              | THD (1 kHz, 8 Ω)                       | < 0.04 %                               | < 0.04 %                                 | < 0.03 %                               | < 0.03 %                               |
|              | Noise                                  | -123 dB                                | -123 dB                                  | -123 dB                                | -123 dB                                |
| Output power | 2 Ω (RMS)                              | 2 x 550 W                              | 2 x 420 W                                | ○                                      | 1000 W                                 |
|              | 4 Ω (RMS)                              | 2 x 520 W                              | 2 x 370 W                                | 2 x 285 W                              | 750 W                                  |
|              | 8 Ω (RMS)                              | 2 x 300 W                              | 2 x 200 W                                | 2 x 185 W                              | 420 W                                  |
|              | Output voltage (RMS)                   | 54.6 V                                 | 40.2 V                                   | 35 V                                   | 64.6 V                                 |
|              | Output voltage (Peak-to-Peak)          | 160 V                                  | 112 V                                    | 74 V                                   | 180 V                                  |
|              | 8 Ω (Bridge Mode, RMS)                 | ○                                      | ○  | 450 W                                  | ○                                      |
| Power supply | Linear power with toroidal transformer | ●                                      | ●  | ●                                      | ●                                      |
|              | Sieving capacity                       | 70,000 μF                              | 48,000 μF                                | 40,800 μF                              | 100,000 μF                             |
|              | Power consumption                      | 1440 VA                                | 900 VA                                   | 875 VA                                 | 1375 VA                                |
|              | Power consumption on idle              | 50 W                                   | 20 W                                     | 40 W                                   | 50 W                                   |
|              | Stand-by power consumption             | < 0.3 W                                | < 0.3 W                                  | < 0.3 W                                | < 0.3 W                                |
| AMP CTL      | 12 V Trigger                           | ●                                      | ●  | ●                                      | ●                                      |
| Housing      | W x H x D (feet incl.)                 | 278 x 205 x 345 mm<br>11" x 8" x 13.6" | 278 x 114 x 345 mm<br>11" x 4.5" x 13.6" | 278 x 100 x 345 mm<br>11" x 4" x 13.6" | 278 x 205 x 345 mm<br>11" x 8" x 13.6" |
|              | Weight                                 | 25.1 kg / 55.3 lbs                     | 14.6 kg / 32.2 lbs                       | 14 kg / 30.9 lbs                       | 24.8 kg / 54.7 lbs                     |