

## XM-N1004

## 4/3/2 Channel 1000W Amplifier

The Sony® XM-N1004 amplifier affords incredible installation flexibility and packs quite a punch.



### Bullets

- 70W x 4 RMS at 4 Ohms<sup>1</sup>
- 85W x 4 RMS power at 2 Ohms
- 70W x 2 + 175W x 1 RMS at 4 Ohms
- 170W x 4 max power at 4 Ohms
- 500W x 2 max power at 4 Ohms
- 1000 Watts Max Power
- Selectable HPF and LPF
- Automatic Thermal Control
- Single sided connections

### Features

#### Automatic Thermal Control

Other amps thermal protection circuits will simply shut down until they're cool. Sony's Automatic Thermal Control circuit actually lowers the output levels to reduce amplifier temperature so your music continues to play.

#### Efficient Cooling Design

The unique thermal control chassis is designed to circulate air and cool the amplifier for powerful sound output.

#### High Quality Components

Components such as audio capacitors, power MOSFETs and choke coils are carefully selected for high quality sound reproduction as well as reliability.

#### LPF / HPF Crossovers

To get the full benefit of your speakers, you'll need to send them the appropriate musical frequencies. The integrated High Pass Filter (HPF) sends everything but the deepest bass to the full-range speakers while the Low Pass Filter (LPF) sends only the deep bass to the subwoofers.

#### Single Sided Connections

Single sided connections provide flexible installation and multiple mounting options.

### Specifications

<b>Amplifier Section</b>		Signal Circuitry	Selectable HPF/LPF crossovers
Max power output	1000W max power	Signal-to-Noise Ratio (dB)	93 dBA
Power Ad Hoc	70W per channel at 4 Ohms from 20Hz-20kHz with 1% THD <sup>1</sup>	<b>Audio Features</b>	
Speaker Impedance	2-8 Ohm stereo 4-8 Ohms mono	Level Control	0.3 - 6.0V (RCA input)
<b>Audio</b>		<b>Inputs and Outputs</b>	
Band	Front crossover: selectable 12dB/oct HPF/LPF @ 80 HZ Rear crossover: 18dB/oct HPF/LPF @ 80 HZ	Audio In	RCA Pin Jacks
Circuit System	OTL (Output Transformerless) circuit Pulse Power Supply	Audio Out	Speaker Terminals
Frequency Response	5 Hz - 50 KHz (+0/-3 db)	Input(s)	RCA Pin Jacks
Harmonic Distortion	0.05% (1kHz @ 4 ohm)	Line Level Input(s)	RCA pin jacks
Impedance	2-8 Ohm stereo 4-8 Ohms mono	Output(s)	Speaker Terminals
Input Level	0.3 - 6.0V (RCA input)	RCA Audio Input(s)	Pin Jacks: 0.3 - 6V
Power Supply	OTL (Output Transformerless) circuit Pulse Power Supply	<b>Power</b>	
		Current Drain	At rated output: 36A (at 4 Ohms) Remote Input: 1 mA
		Input Voltage	10.5-16V Power Supply Voltage
		Internal Power Supply	OTL (Output Transformerless) circuit Pulse Power Supply

1. CEA-2006 Compliant — Standardized “Voluntary” Testing Measurement Methods for Mobile Audio Amplifiers. This standard advocates a uniform method for determining an amplifier’s RMS power and signal-to-noise ratio. Using 14.4 volts, RMS watts are measured into a 4-ohm impedance load at 1 percent Total Harmonic Distortion (THD) plus noise, at a frequency range (for general purpose amplifiers) of 20 Hz to 20,000 Hz.

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