

# SONY

## XM-GS4

### 4/3/2 Channel Amplifier

The XM-GS4 4-channel amplifier is engineered to enhance every track—including High-Resolution Audio files—thanks to an ultra-wide frequency range that extends up to 100 kHz.



- 4 channels of dynamic sound
- 4 Channel Stereo Output
- 2 Channel Stereo Output
- Fine detail across the whole spectrum
- Premium circuitry for optimum performance
- Low and high pass filters
- Input Flexibility
- Amp Design
- 3 Year Warranty

#### 4 channels of dynamic sound

Enjoy powerful audio throughout the entire car, thanks to the 280 Watts total continuous system power (70 W x 4 RMS).<sup>1</sup>

#### 4 Channel Stereo Output

The XM-GS4 delivers 70 watts RMS per channel at 4 ohm at 14.4 volts, from 20 Hz - 20 kHz with less than 1% THD+N. At 2 ohms stereo, the XM-GS400 delivers 80 watts RMS per channel at 14.4 volts, from 20 Hz - 20 kHz with less than 1% THD+N.

#### 2 Channel Stereo Output

The XM-GS4 delivers 160 watts RMS per channel when front and rear channels are bridged into 4 ohm with 14.4 volts, from 20 Hz - 20 kHz with less than 1% THD+N.

#### Fine detail across the whole spectrum

Hear thundering lows and soaring highs brought to life, with an ultra-wide frequency response that extends up to 100 kHz.

#### Premium circuitry for optimum performance

Get the best from your in-car sound, thanks to the XM-GS4's hub of high-quality audio circuitry. Everything is engineered for minimal noise and maximum efficiency — including the heavy-duty aluminum casing, which keeps things stable for low distortion.

#### Low and high pass filters

The XM-GS4 has a removable top panel that conceals independent front and rear 12 dB/octave variable HPF (High Pass filter) and LPF (Low-Pass filter) crossovers at 50-300Hz. This unit also provides independent front and rear 12 dB/octave sub-sonic HPF (High-Pass filter) crossovers, variable at 6-70Hz to maximize your systems potential. This amplifier also offers independent, variable 0-10 dB 40 Hz bass boost circuit to increase low frequency response.

#### Input Flexibility

As well as traditional RCA inputs, the XM-GS4 offers direct connections (High Level Input) to the speaker output of your car audio unit if it is not equipped with RCA line outputs. The auto sensing, high level input feature also allows the amplifier to be powered up without the need for remote power turn on connections.

#### Amp Design

The XM-GS4's 4/3/2 channel configurable output, compact 4 chassis size and single sided connections provide multiple mounting options while maximizing output and control for your audio system.

#### Warranty

The XM-GS4 includes a 3 year warranty.

#### Specifications

Amplifier / (GP1)		Frequency response	10-100 k Hz
CEA Power output	70Wx4		
CEA SN Ratio	93dBA		

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Signal to noise ratio(S=Rated output)	100dB
Tolerance	+0.5/-3dB
Total harmonic distortion(1kHz)	0.05%
<b>Amplifier / (GP2)</b>	
Bass boost	40Hz, 0-10dB
Current drain(rated output power at 4ohm)	33A
Gold plated connectors	Yes
Input: Speaker level input	Yes
Line in: Input sensitivity(V)	0.3-6
Load capability: 1ohm/2ohm	No / Yes
MOSFET: Output stage/Power supply	No / Yes
Subsonic high pass filter	Yes
<b>Amplifier main</b>	

Channel configuration	4ch/3ch/2ch
High Pass Filter	50-300Hz (Variable)
Low Pass Filter	50-300Hz (Variable)
Slope : High Pass Filter	12dB/oct
Slope : Low Pass Filter	12dB/oct
<b>Amplifier / Rated/THD(14.4V, 20Hz-20kHz)</b>	
At 2ohm	80W x 4 / 1.0% (1kHz)
At 4ohm	70Wx4/1.0%
At 4ohm-BTL	160Wx2/ 1.0% (1kHz)
<b>Amplifier / Maximum (14.4V)</b>	
At 2ohm	175W x 4
At 4ohm	150W x 4
At 4ohm-BTL	350W x 2
<b>Weights and Measurements</b>	
Dimensions (Approx.)	272 x 51 x 202mm (W x H x D)
Weight (Approx.)	2.7 kg
<b>Accessories</b>	
Supplied Accessories	Instruction Manual Warranty card (US 3 years)

1. 4 Ohms, 10 Hz - 100 kHz, 1 % THD+N

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