

# 2002 SONY MOBILE PRODUCT GUIDE



**XM-2150GSX**  
**2/1 Channel Amplifier**

- 760W max power
- 150W x 2 into 4 $\Omega$ , 20Hz-20kHz, @ 0.04% THD
- 380W x 1 into 4 $\Omega$ , 20Hz-20kHz, @ 0.1% THD
- 190W x 2 into 2 $\Omega$ , 20Hz-20kHz, @ 0.1% THD
- Differential FET Input Stage
- MOSFET Outputs
- MOSFET Power Supply
- Variable 50-300Hz Hi/Low Pass Filters
- 40Hz EQ Boost, RCA Output
- RCA & Speaker Level Inputs

## Audio Power Specifications

### POWER OUTPUT AND TOTAL HARMONIC DISTORTION

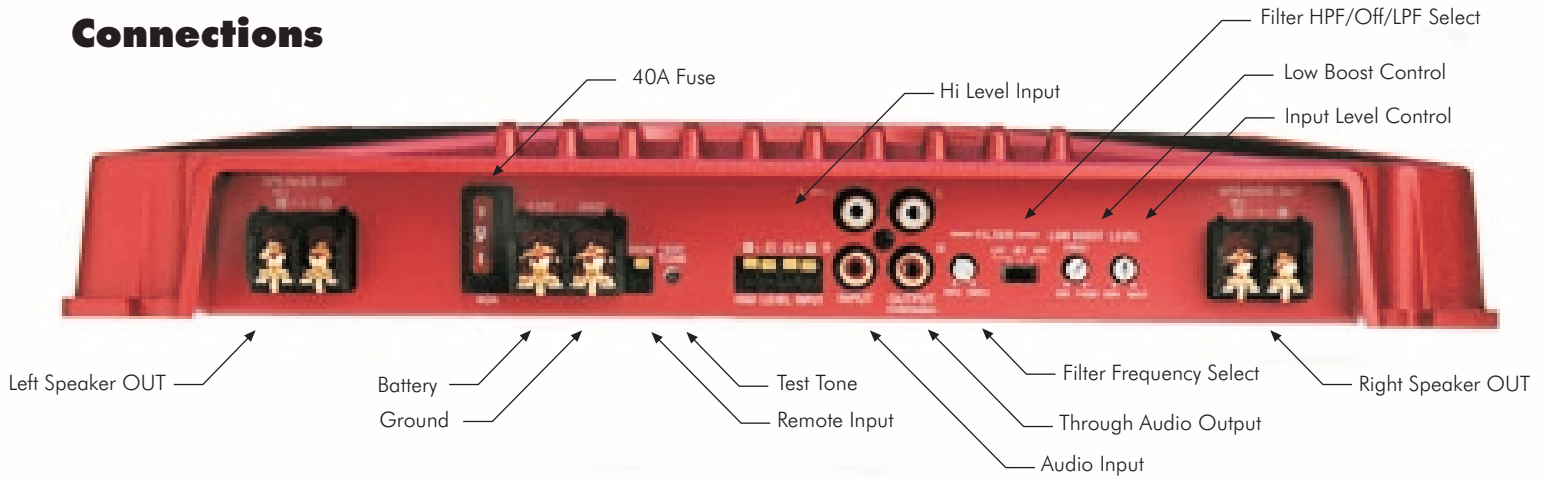
150 watts per channel minimum continuous average power into 4 ohms, both channels driven from 20 Hz to 20 kHz with no more than 0.04% total harmonic distortion per Car Audio Ad Hoc Committee standards

## Other Specifications

Circuit system	OTL (output transformerless) circuit
Inputs	Pulse power supply RCA pin jacks High level input connector
Outputs	Speaker terminals Through out pin jacks
Speaker impedance	2 – 8 $\Omega$ (stereo) 4 – 8 $\Omega$ (when used as a bridging amplifier)
Maximum outputs	300 W $\times$ 2 (at 4 $\Omega$ ) 760 W (monaural) at 4 $\Omega$
Rated outputs (supply voltage at 14.4 V)	150 W $\times$ 2 (20 Hz – 20 kHz, 0.04% THD, at 4 $\Omega$ ) 190 W $\times$ 2 (20 Hz – 20 kHz, 0.1% THD, at 2 $\Omega$ ) 380 W (monaural) (20 Hz – 20 kHz, 0.1% THD, at 4 $\Omega$ )
Frequency response	5 Hz – 100 kHz (+0.5dB, – 3 dB)
Harmonic distortion	0.005% or less (at 1 kHz, 4 $\Omega$ )
Input level adjustment range	0.2 – 6.0 V (RCA pin jacks) 0.4 – 12.0 V (High level input)
High-pass filter	50 – 300 Hz, –12 dB/oct
Low-pass filter	50 – 300 Hz, –12 dB/oct
Low boost	0 – 10 dB (40 Hz)
Power supply voltage	10.5 – 16 V
Current drain	at rated output : 40 A (at 4 $\Omega$ ) Remote input : 2 mA
Dimensions	Approx. 14 1/8 $\times$ 2 1/4 $\times$ 10 1/2 in. (358 $\times$ 50 $\times$ 264 mm) (w/h/d) not incl. projecting parts and controls
Mass	Approx. 3.5 kg (7 lb. 11 oz.) not incl. accessories
Supplied accessories	Mounting screws (4)

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**Connections**



**Dimensions**

**Unit: mm (in.)**

